Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**A. PHILLIP RANDOLPH CAMPUS - M**			
Address	:	**443 WEST 135TH STREET WEST 135 ST AND CONVENT AVENUE**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M540**
Program / Asset #	:	**BOE0141.000 / 4411**	**Yr Built/Renovated**	:	**1926 / 2010**
Area Sq Ft	:	**164,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**03-Jan-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,4,5,6,7**			
Block	:	**1957** **Lot** : **78**	**BIN**	:	**1059409**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$718,400	$179,800
Interior Architecture	$5,799,200	$10,802,400
Electrical		$2,487,000
Mechanical	$3,733,000	$4,101,700
Site Enclosure	$156,500	
Total	**$10,407,100**	**$17,570,800**
Importance Code A	$718,400	$231,200
Importance Code B	$8,393,800	$17,215,700
Importance Code C	$1,295,000	$124,000
Total	**$10,407,100**	**$17,570,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$172,200	$4,000	$4,400	
Interior Architecture	$84,500			$11,900
Electrical	$20,800	$15,300	$16,200	$20,500
Mechanical	$92,500	$27,300	$37,800	$24,300
Site Enclosure	$29,700			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$411,500**	**$58,500**	**$70,300**	**$68,600**
Importance Code A	$188,400	$20,300	$20,600	$16,200
Importance Code B	$212,500	$38,200	$49,600	$52,300
Importance Code C	$10,600			
Total	**$411,500**	**$58,500**	**$70,300**	**$68,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
A. PHILLIP RANDOLPH CAMPUS - M
Asset # : 4411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$165,900	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 85%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *	5	$24,900	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Masonry: Limestone	40%			LIFE	* *	5	$99,600	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Windows								
Aluminum	86%	Now	$550,100	2041	* *	5	$28,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Aluminum	12%			2055	* *	5	$8,100	
Metal Louvers	2%	0-2	$29,800	2036	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$55,400	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Masonry: Brick	35%			LIFE	* *	5-10	$46,700	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Masonry: Limestone	40%			LIFE	* *	5-10	$95,200	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Metal Panel	10%			2053	* *	5	$7,600	
Metal: Cage/Fence	5%			2046	* *	5-10	$7,600	
Roof								
Built-Up (BUR)	96%			2041	* *	10	$96,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	4%			2063	* *	10	$13,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
A. PHILLIP RANDOLPH CAMPUS - M
Asset # : 4411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$103,500	LIFE	* *	5	$53,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$34,300	2036	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets And Kitchen Throughout								
Marble Panels	5%	0-2	$133,500	LIFE	* *	5	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entry								
Quarry Tile	1%	0-2	$17,900	2038	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	Now	$348,500	2033	$580,900	5	$7,600	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	19%	0-2	$255,600	2033	$1,277,900	3	$17,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	Now	$1,718,800	2028	$8,593,800	3	$18,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	35%	Now	$1,524,700	2048	* *	5	$79,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium And Classrooms At Windows								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040
A. PHILLIP RANDOLPH CAMPUS - M
Asset # : 4411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	7%	Now	$85,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$88,400	2036	* *	5	$8,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Toilets And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Toilets And Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout Toilets And Kitchen								
Masonry: Brick	12%	Now	$367,000	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Masonry: Brick	3%			LIFE	* *	10	$2,900	
Masonry: Limestone	4%			LIFE	* *	10	$5,100	
Marble Panels	2%			LIFE	* *	10	$2,600	
Plaster	62%	Now	$484,500	LIFE	* *	5	$59,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%	0-2	$113,100	LIFE	* *	5	$64,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
A. PHILLIP RANDOLPH CAMPUS - M
Asset # : 4411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%			2038	* *	5	$15,500	
AcousTileSusp.Lay-In	10%			2038	* *	5	$24,700	
Exposed Struc: Concrete	25%	Now	$185,200	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Plaster	52%	Now	$391,000	LIFE	* *	5	$80,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Rooms 608, 610, 619, 501, 502, 511								
Plaster	8%			LIFE	* *	5-10	$34,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby, Library And Auditorium								
Explanation : Location Noted								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$156,500	2053	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$29,700	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout West Side Of Parking Lot								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	25%			2036	* *			
Cast in Place Concrete	75%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
A. PHILLIP RANDOLPH CAMPUS - M
Asset # : 4411

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2031	$26,700	5	$600	
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$700	
Raceway								
Conduit	100%			2033	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$400	
Molded Case Bkrs	90%			2032	$305,400	5	$3,900	
Wiring								
Thermoplastic	100%			2033	$399,600	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,800	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$144,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	3%			2028	$136,300	2	$100	
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$110,100	10	$15,800	
Exit, Battery	50%			2038	* *	10	$5,500	
Exterior Lighting								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Scaffolding Around The Building								
Alarm								
Security System								
Generic	50%			2028	$153,900	1	$30,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$30,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								

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DEPARTMENT OF EDUCATION - 040
A. PHILLIP RANDOLPH CAMPUS - M
Asset # : 4411

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$423,000	1-3	$104,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks 7,000 Gallons Each.								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$162,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$26,300	2033	$1,313,300			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump Pit								
Insul. Deteriorating, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2028	$617,200	1	$20,300	
On Extended Life, Extent : Severe, Area Affected : 20%								
Location : Fan Room								
Convector/Radiator	40%			2031	$536,400	1	$21,200	
Fan Coil Unit/Heat	35%			2038	* *	1	$18,500	
Fan Coil Unit/Heat	5%	Now	$203,300	2043	* *	1	$2,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Univents On 5th Floor Laboratory Rooms								
Controls								
Pneumatic	100%	Now	$3,169,600	2038	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : System Has Not Worked In Over 5 Years								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : No Working Controls, Equipment Is Run Manually.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040
A. PHILLIP RANDOLPH CAMPUS - M
Asset # : 4411

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%			2038	* *	2	$500	
Split Unit	5%			2038	* *			
Window/Wall Unit	80%			2028	$497,000	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$360,100	LIFE	* *	2-5	$91,400	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Exhaust Fans								
Interior	30%			2028	$218,200	2	$1,500	
Roof	70%			2028	$222,800	2	$3,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$418,700	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Approximately 250 Gallons, No Label. Quantity 3.								
Sanitary Piping								
Cast Iron	100%	0-2	$41,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Drains Back Up In Heavy Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$32,800	4	$5,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 6th Floor								
Explanation : Two Units, One Under Repair								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2043	* *	1-5	$33,100	
Sprinkler								
No Component	90%							
Generic	10%			2033	$226,800	1-2	$4,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **ABRAHAM LINCOLN HIGH SCHOOL - BK**		
Address	: **2800 OCEAN PARKWAY @WEST AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K410**
Program / Asset #	: **BOE0623.000 / 1221**	**Yr Built/Renovated**	: **1930 / 2011**
Area Sq Ft	: **249,100**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7254** **Lot** : **1**	**BIN**	: **3196293**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$843,900	$810,500
Interior Architecture	$1,160,300	$579,100
Electrical	$359,400	$2,456,400
Mechanical	$61,700	$7,653,000
Site Pavements	$99,100	$1,641,500
Total	**$2,524,500**	**$13,140,500**
Importance Code A	$843,900	$861,900
Importance Code B	$1,350,400	$12,206,800
Importance Code C	$330,100	$71,800
Total	**$2,524,500**	**$13,140,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$52,600			
Interior Architecture	$118,500		$19,500	$10,400
Electrical	$46,900	$40,600	$46,500	$41,200
Mechanical	$104,000	$44,800	$62,400	$48,700
Site Enclosure	$15,200			
Site Pavements	$47,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$388,300**	**$89,400**	**$132,400**	**$104,300**
Importance Code A	$77,300	$24,700	$24,700	$24,700
Importance Code B	$256,100	$64,700	$107,700	$71,600
Importance Code C	$54,900			$8,000
Total	**$388,300**	**$89,400**	**$132,400**	**$104,300**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK
Asset # : 1221

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$630,200	
Masonry: Brick	77%			LIFE	* *	5	$414,100	
Sidewalk Shed in Use, Extent : Light, Area Affected : 10%								
Location : Adjacent Parking Lot								
Masonry: Granite	2%			LIFE	* *	5	$8,100	
Masonry: Limestone	5%			LIFE	* *	5	$20,200	
Metal Coiling Doors	1%	Now	$14,400	2053	* *	5	$4,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Storage Coiling Door								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Storage Coiling Door								
Windows								
Aluminum	98%			2055	* *	5	$154,400	
Metal Louvers	2%			2042	* *	10	$19,700	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$286,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$26,900	
Roof								
Copper/Terne	5%			2048	* *	10	$29,300	
Modified Bitumen	90%			2041	* *	10	$211,200	
Skylight, Metal/Glass	5%			2059	* *	10	$39,100	
Interior								
Floors								
Cast in Place Concrete	2%	0-2	$33,200	LIFE	* *	5	$17,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Storage And Loading Area								
Cast in Place Concrete	18%			LIFE	* *	5	$307,300	
Ceramic Tile	5%			2036	* *	5	$19,500	
Quarry Tile	2%	Now	$11,500	2046	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Terrazzo	8%	2-4	$145,900	LIFE	* *	5	$24,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor And Basement								
Vinyl Tile	20%			2038	* *	3	$29,300	
Vinyl Tile 9" X 9"	5%	Now	$258,300	2038	* *	3	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	40%	0-2	$186,200	2048	* *	5	$146,300	
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK
Asset # : 1221

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$15,900	
Glass: Single Pane	2%			LIFE	* *	5	$9,600	
Masonry: Brick	5%			LIFE	* *	10	$4,800	
Marble Panels	1%	0-2	$11,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor And Basement								
Marble Panels	4%			LIFE	* *	10	$5,100	
Plaster	75%	Now	$116,400	LIFE	* *	5	$71,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boys Toilets Floors 1 Through 3 Exits And Exit 1, 2, 13, And 14								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : School Safety Lounge								
SGFT/Glazed Masonry	8%	Now	$114,700	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 60%								
Location : Low Retaining Wall, Railing At Pool Spectator Seating Area								
Ceilings								
AcousTileConcealSpLn	10%			2038	* *	5	$48,800	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$48,800	
Metal Panel	2%	2-4	$5,200	LIFE	* *	5	$9,800	
Bent/Warped Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	78%	0-2	$185,200	LIFE	* *	5	$190,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Iron Picket	25%	0-2	$15,200	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$33,300	2046	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Ocean Parkway								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK
Asset # : 1221

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	25%	Now	$13,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	50%			2046	* *			
Masonry: Granite	25%	Now	$99,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Stairs								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Entry Stairs								
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Rubber Matting	100%			2033	$1,641,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Two Main Service Disconnect Switches Rated At 2,500 Amperes Each.								
Fused Disc Sw	50%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Two Main Service Disconnect Switches Rated At 2,500 Amperes Each.								
Transformers								
Dry Type	100%			2046	* *	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : 112.5 Kilovolt Amperes, 45 Kilovolt Amperes, 480 Volts Primary , 208 Volts Secondary.								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$585,200	5	$1,000	
Fused Disc Sw	10%			2053	* *	5	$100	
Raceway								
Conduit	90%			2033	$606,800	1		
Conduit	10%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK
Asset # : 1221

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$31,900	5	$300	
Fused Disc Sw	5%			2049	* *	5	$300	
Molded Case Bkrs	15%			2032	$95,800	5	$1,000	
Molded Case Bkrs	75%			2049	* *	5	$4,900	
Wiring								
Braided Cloth	40%	2-4	$359,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2033	$449,200	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$290,300	5	$1,300	
Locally Mounted	20%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$76,600	
Generators								
Natural Gas	100%			2046	* *	1	$96,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 250 Kilowatts. Not In Service.								
Lighting								
Interior Lighting								
Fluorescent	75%			2038	* *	10	$171,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd, 3rd Floor, Basement								
Explanation : T-8 Lamps								
LED	25%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$30,100	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
HID	15%			2028	$174,300	10	$100	
LED	5%			2038	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$93,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK
Asset # : 1221

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$153,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Natural Gas And No.2 Oil								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$246,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	$1,994,800			
Terminal Devices								
Air Handler	20%			2028	$937,500	1	$30,800	
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	60%			2031	$1,222,200	1	$48,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	20%			2028	$1,235,200	1	$16,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2031	$660,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$219,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK
Asset # : 1221

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2028	$1,049,500	2	$7,200	
Roof	5%			2033	$24,200	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2043	* *	1		
Galvanized Steel	40%	Now	$25,400	2038	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$409,900	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. 900 Gallons Each								
Sanitary Piping								
Cast Iron	10%	Now	$6,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room And Pool Pump Room								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$7,900	
Pool Filter/Treatment								
Sand	100%	0-2	$3,400	2038	* *	4	$100	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Pool Pump Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Pump Room								
Explanation : 3 Units								
Backflow Preventer								
Generic	100%			2038	* *	1	$15,300	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$7,000	

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DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK
Asset # : 1221

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 20 Square Feet In Kitchen.								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**ABRAHAM LINCOLN HIGH SCHOOL - BK FIELDHOUSE**			
Address	:	**2800 OCEAN PARKWAY @WEST AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K411**
Program / Asset #	:	**BOE0623.010 / 13432**	**Yr Built/Renovated**	:	**1930 / 2000**
Area Sq Ft	:	**7,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**01-Dec-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Floors 1**			
Block	:	**7254** **Lot** : **1**	**BIN**	:	**3196293**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$89,700	
Interior Architecture	$370,700	
Electrical		$93,900
Site Pavements		$162,800
Total	**$460,300**	**$256,700**
Importance Code A	$89,700	
Importance Code B	$209,200	$256,700
Importance Code C	$161,400	
Total	**$460,300**	**$256,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,900		$300	
Interior Architecture	$41,100			
Electrical	$600	$400	$500	$400
Mechanical	$6,600	$1,100	$700	$800
Site Pavements	$1,200			
Total	**$92,400**	**$1,500**	**$1,600**	**$1,200**
Importance Code A	$43,600	$700	$1,000	$700
Importance Code B	$45,200	$800	$600	$500
Importance Code C	$3,600			
Total	**$92,400**	**$1,500**	**$1,600**	**$1,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK FIELDHOUSE
Asset # : 13432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$22,000	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Windows								
Metal Louvers	2%			2036	* *	10	$300	
Wood	98%	Now	$89,700	2058	* *	5	$11,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	$12,800	
Masonry: Limestone	25%			LIFE	* *	5-10	$22,800	
Not Accessible	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Interior Parapet								
Explanation : Roof Not Accessible								
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	50%	2-4	$57,300	LIFE	* *	5	$14,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	50%	Now	$151,900	2042	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$4,800	
SGFT/Glazed Masonry	75%	Now	$161,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Ceilings								
Plaster	100%	Now	$38,700	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK FIELDHOUSE
Asset # : 13432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
On-Site Walkways								
Asphalt	75%	0-2	$1,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	25%			2046	* *			
Activity Yard								
Rubber Matting	100%			2033	$162,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2046	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 25 Kilovolt Amperes, 480 Volts Primary, 120 Volts Secondary								
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Molded Case Bkrs	20%			2032	$6,000	5		
Molded Case Bkrs	80%			2049	* *	5	$100	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$93,900	10	$5,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	10%			2033	$8,300	10		
Exterior Lighting								
HID	30%			2028	$9,800	10		
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK FIELDHOUSE
Asset # : 13432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$2,200	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$6,900	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Unit Heater - Steam	100%			2033	$39,800	4	$1,000	
Ventilation								
Exhaust Fans								
Roof	100%			2033	$13,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$4,500	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Water Main Valve And Piping								
Sanitary Piping								
Cast Iron	8%	0-2	$1,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms								
Cast Iron	92%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2033	$3,100	1	$400	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK**		
Address	: **510 WAVERLY AVENUE BTWN: FULTON ST. - ATLANTIC AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K784**
Program / Asset #	: **BOE1104.000 / 14560**	**Yr Built/Renovated**	:
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,6,7**		
Block	: **2011** **Lot** : **39**	**BIN**	: **3057561**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$556,000
Interior Architecture		$122,700
Electrical		$69,700
Total		**$748,400**
Importance Code A		$556,000
Importance Code B		$69,700
Importance Code C		$122,700
Total		**$748,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$67,500	$8,600	
Interior Architecture	$9,600	$7,000	$21,100	
Electrical	$7,500	$23,800	$9,000	$7,500
Mechanical	$15,400	$37,500	$51,100	$29,000
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$38,500**	**$141,800**	**$95,800**	**$42,400**
Importance Code A	$4,000	$71,700	$12,600	$4,000
Importance Code B	$27,700	$70,100	$83,200	$38,400
Importance Code C	$6,800			
Total	**$38,500**	**$141,800**	**$95,800**	**$42,400**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK

Asset # : 14560

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	45%			LIFE	* *	5	$337,400	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : East Elevation								
Other Observation, Extent : Light, Area Affected : 25%								
Location : East Elevation								
Explanation : Sidewalk Shed In Use								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,400	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$28,100	
Metal Panel	10%			2050	* *	5-10	$103,100	
Pre-Cast Concrete	15%			LIFE	* *	5	$73,100	
Stucco Cement	10%			2043	* *	5	$37,500	
Windows								
Aluminum	100%			2046	* *	5	$17,300	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$70,500	
Concrete Masonry Unit	15%			LIFE	* *	5	$2,300	
Metal Panel	5%			2050	* *	5	$2,600	
Metal Rail	5%			2043	* *	5-10	$12,300	
Metal: Cage/Fence	15%			2043	* *	5-10	$15,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,300	
Stucco Cement	5%			2043	* *	5	$1,800	
Roof								
IRMA/Protected Membrane	35%			2035	* *	10	$14,000	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Rooftop Mechanical Penthouses								
IRMA/Protected Membrane	55%			2035	* *	10	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Section Over Second And Sixth Floors								
Explanation : Covered With Artificial Grass								
Single Ply Membrane	5%			2035	* *	10	$2,000	
Sloped Glazing	5%			LIFE	* *	5	$26,700	
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								
Floors								
Carpet	25%			2029	$498,400	3	$42,300	
Cast in Place Concrete	10%			LIFE	* *	5	$24,700	
Ceramic Tile	5%			2039	* *	5	$5,600	
Traffic Topping	10%			2035	* *	5	$14,100	
Vinyl Tile	50%			2035	* *	3	$21,100	

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DEPARTMENT OF EDUCATION - 040
ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK
Asset # : 14560

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	$13,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,500	
Gypsum Board	75%			LIFE	* *	5	$122,700	
Ceilings								
AcousTileSusp.Lay-In	20%			2043	* *	5	$21,000	
Exposed Struc: Concrete	60%			LIFE	* *	5	$9,800	
Gypsum Board	20%			LIFE	* *	5	$26,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Bolted Pressure Contact Switch Rated At 3,000 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	* *	5	$2,100	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								

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DEPARTMENT OF EDUCATION - 040

ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK

Asset # : 14560

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$24,600	
Generators								
Diesel	100%			2039	* *	1	$31,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Diesel Generator Rated At 225 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$17,800	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$69,700	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	5%			2035	* *	10	$3,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
HID	20%			2035	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Timer And Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2035	* *	1-3	$14,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bells, Smoke Detectors And Manual Pull Station								

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DEPARTMENT OF EDUCATION - 040

ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK

Asset # : 14560

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	$39,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2046	* *	4	$3,900	
Terminal Devices								
Air Handler	90%			2035	* *	1	$44,500	
Convector/Radiator	10%			2043	* *	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2035	* *	2	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Exterior Package Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$104,100	
Heat Rejection								
Air Cooled Condenser Unit	100%			2035	* *	2	$55,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,600	
Exhaust Fans								
Roof	100%			2035	* *	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 125 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,700	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,200	

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DEPARTMENT OF EDUCATION - 040
ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK
Asset # : 14560

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2035	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 7th Floor							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$40,300	
Sprinkler								
Generic	100%			2050	* *	1-2	$22,400	
Fire Pump								
Generic	100%			2039	* *	1	$14,900	
Chemical System								
Wet	5%			2028	$4,100	1-3	$4,200	
No Component	95%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **ADLAI E. STEVENSON H.S. - BX**		
Address	: **1980 LAFAYETTE AVE. @ PUGSLEY AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X450**
Program / Asset #	: **BOE0329.000 / 359**	**Yr Built/Renovated**	: **1970 / 2002**
Area Sq Ft	: **401,576**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3604** **Lot** : **39**	**BIN**	: **2022205**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$505,400	$674,000
Interior Architecture	$3,910,600	$53,544,700
Electrical	$539,100	$13,128,100
Mechanical	$830,100	$15,661,400
Total	**$5,785,100**	**$83,008,100**
Importance Code A	$505,400	$4,328,400
Importance Code B	$4,686,200	$78,614,100
Importance Code C	$593,600	$65,700
Total	**$5,785,100**	**$83,008,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$85,000		$38,400	
Interior Architecture	$79,900		$22,500	$48,500
Electrical	$103,300	$65,400	$66,800	$78,100
Mechanical	$126,800	$63,700	$89,300	$63,800
Site Pavements	$39,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$441,800**	**$137,000**	**$225,000**	**$198,300**
Importance Code A	$124,800	$39,800	$78,200	$39,800
Importance Code B	$298,200	$97,200	$146,800	$147,600
Importance Code C	$18,800			$10,900
Total	**$441,800**	**$137,000**	**$225,000**	**$198,300**

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DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX
Asset # : 359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$67,400	
Masonry: Brick	72%			LIFE	* *	5	$194,000	
Masonry: Limestone	20%			LIFE	* *	5	$40,400	
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	3%			2053	* *	5-10	$27,800	
Windows								
Aluminum	98%			2049	* *	5	$156,800	
Metal Louvers	2%			2042	* *	10	$20,000	
Parapets								
Masonry: Brick	45%			LIFE	* *	5-10	$144,800	
Masonry: Limestone	10%			LIFE	* *	5-10	$57,400	
Metal Panel	15%			2053	* *	5	$27,300	
Metal Rail	30%			2046	* *	5-10	$255,100	
Roof								
Metal Panel	5%			2046	* *	10	$38,400	
Modified Bitumen	95%			2041	* *	10	$398,400	
Soffits								
Cast in Place Concrete	10%			LIFE	* *	5	$10,800	
Metal Panel	90%	Now	$25,700	2043	* *	5	$18,200	
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Throughout Various Entrance Areas								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$131,500	
Mosaic Tile	3%	0-2	$84,600	2038	* *	5	$22,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Mosaic Tile	2%	Now	$1,128,000	2053	* *	5	$15,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Kitchen								
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$47,000	
Vinyl Tile	30%			2038	* *	3	$67,600	
Vinyl Tile 9" X 9"	50%			2028	$53,041,400	3	$150,300	
Wood	5%			2048	* *	5	$56,300	

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DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX
Asset # : 359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$54,700	
Ceramic Tile	5%			2042	* *	5	$21,900	
Concrete Masonry Unit	7%			LIFE	* *	5	$24,500	
Folding Partition	3%	Now	$363,800	2049	* *	5	$16,400	
Unit Inoperable, Extent : Moderate, Area Affected : 40%								
Location : Auditorium, Gymnasium								
Masonry: Brick	5%			LIFE	* *	10	$6,600	
Plaster	50%			LIFE	* *	5-10	$186,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$54,700	
Ceilings								
AcousTileSusp.Lay-In	30%			2046	* *	5	$180,300	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$75,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$60,100	
Metal Panel	15%	0-2	$597,200	LIFE	* *	5	$112,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Corridors								
Metal Panel	5%	Now	$995,300	LIFE	* *	5	$37,600	
Bent/Warped Elements, Extent : Severe, Area Affected : 80%								
Location : Kitchen								
Plaster	35%			LIFE	* *	5-10	$361,600	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%			2068	* *			
Chain Link	15%			2053	* *			
Iron Picket	75%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$39,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Tree Pit On Lafayette Avenue And Other Areas								
Sinking/Subsiding, Extent : Moderate, Area Affected : 1%								
Location : Seward Avenue								
On-Site Walkways								
Asphalt	50%			2036	* *			
Cast in Place Concrete	50%			2038	* *			
Parking/Driveway								
Asphalt	95%			2036	* *			
Cast in Place Concrete	5%			2038	* *			
Activity Yard								
Asphalt	100%			2036	* *			

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DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX
Asset # : 359

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$154,200	5	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$975,300	5	$1,700	
Raceway								
Conduit	100%			2033	$1,011,400	1		
Panelboards								
Fused Disc Sw	10%			2032	$97,800	5	$900	
Molded Case Bkrs	90%			2032	$880,100	5	$9,500	
Wiring								
Braided Cloth	40%	2-4	$539,100	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2033	$808,600	1		
Motor Controllers								
Locally Mounted	100%			2031	$544,300	5	$2,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$11,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$123,600	
Generators								
Natural Gas	100%			2029	$138,700	1	$155,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 106 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$14,900	
Lighting								
Interior Lighting								
Fluorescent	94%			2033	$5,627,100	10	$346,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2033	$239,500	10	$14,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Crawl Space								
Incandescent	2%			2028	$222,500	2	$200	
Egress Lighting								
Emergency, Service	40%			2033	$98,900	1		
Emergency, Battery	15%			2028	$101,100	10	$14,500	
Exit, Service	45%			2028	$77,900	1		

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DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX
Asset # : 359

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	20%			2038	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2028	$376,900	1	$75,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Gymnasium, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	50%			2033	$376,900	1	$75,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$1,035,800	1-3	$255,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Station, Alarm Bell, Fire Alarm Panel And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$921,400	5	$124,400	
Conversion Equipment								
Steam Boiler	100%			2031	$3,500,200	1	$397,700	
Insul. Deteriorating, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$321,600	2033	$3,215,800			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Three Vacuum Pumps Are Leaking								
Terminal Devices								
Air Handler	20%	Now	$151,100	2028	$1,511,400	1	$44,700	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Dampers, Various Locations								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : All Fans								
Convector/Radiator	80%			2031	$2,627,000	1	$103,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX
Asset # : 359

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	25%	0-2	$38,000	2028	$380,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various Locations. 30 Percent Of The Unit Are Not Working								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$354,500	
Exhaust Fans								
Interior	20%			2033	$356,200	2	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Mechanical Rooms								
Roof	80%			2033	$623,400	2	$9,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$257,900	2043	* *	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Mixing And Stop Valve Stocked In Open Position								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Abandoned in Place, Extent : Light, Area Affected : 5%								
Location : Kitchen Electric Hot Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$80,400	4	$12,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Sets Of Pumps								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2033	$2,221,300	1-2	$45,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX
Asset # : 359

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **ADLAI E. STEVENSON H.S. - BX FIELDHOUSE**
Address : **1980 LAFAYETTE AVE. @PUGSLEY AVE.**
Borough : **BRONX** **Agency's Number** : **X450**
Program / Asset # : **BOE0329.010 / 14650** **Yr Built/Renovated** : **1970 /**
Area Sq Ft : **625** **Project Type** : **EDUCATION**
Date of Survey : **11-May-2022** **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3604** **Lot** : **39** **BIN** : **2022205**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$136,700
Site Pavements	$519,500	
Total	**$519,500**	**$136,700**
Importance Code B	$151,700	$136,700
Importance Code C	$367,800	
Total	**$519,500**	**$136,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,800			
Interior Architecture	$2,800			
Electrical	$600			
Mechanical	$5,000		$23,700	
Total	**$14,300**		**$23,700**	**$100**
Importance Code A	$5,800			
Importance Code B	$8,400		$23,700	$100
Total	**$14,300**		**$23,700**	**$100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX FIELDHOUSE
Asset # : 14650

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$3,300	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$5,300	
Painted Surfaces, Extent : Light, Area Affected : 2%								
Location : Throughout								
Metal Panel	5%	4+	$200	2043	* *	5	$300	
Deformed/Dented, Extent : Moderate, Area Affected : 1%								
Location : Rear Facade								
Metal Sect. OHD	5%			2038	* *	5	$500	
Parapets								
Metal Panel	100%	Now	$1,300	2053	* *	5	$1,600	
Deformed/Dented, Extent : Moderate, Area Affected : 2%								
Location : South Side Of Building								
Roof								
Modified Bitumen	100%			2033	$21,400	10	$2,000	
Soffits								
Metal Panel	100%			2053	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	* *	5	$3,700	
Ceramic Tile	5%			2042	* *	5		
Interior Walls								
Ceramic Tile	50%			2042	* *	5		
Concrete Masonry Unit	50%			LIFE	* *	5		
Ceilings								
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$500	
Exposed Struc: Steel	5%			LIFE	* *	10	$100	
Metal Panel	45%			LIFE	* *	5	$900	
Site Pavements								
On-Site Walkways								
Asphalt	100%	Now	$367,800	2048	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 100%								
Location : Entire Perimeter Of Building								
Activity Yard								
Asphalt	100%	Now	$151,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Near Building								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX FIELDHOUSE
Asset # : 14650

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5		
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Molded Case Bkrs	100%			2032	$29,900	5		
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2028	$9,300	10	$600	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2033		1		
Terminal Devices								
Convector/Radiator	70%	Now	$3,600	2053	* *	1	$100	
Broken, Extent : Severe, Area Affected : 50%								
Location : Bathrooms								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Radiator Controls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Wall Mounted								
Explanation : Electric Heating Coils								
Convector/Radiator	30%			2031	$1,500	1	$100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$600	
Exhaust Fans								
Roof	100%	Now	$1,200	2043	* *	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Building								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX FIELDHOUSE
Asset # : 14650

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2026	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **ADULT TRAINING CENTER - BK**
Address : **475 NOSTRAND AVE BTWN: HALSEY ST., MACON ST.**
Borough : **BROOKLYN**
Agency's Number : **K743**
Program / Asset # : **BOE0657.000 / 1215**
Yr Built/Renovated : **1886 / 2003**
Area Sq Ft : **72,000**
Project Type : **EDUCATION**
Date of Survey : **30-May-2019**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Att**
Block : **1844** **Lot** : **1** **BIN** : **3053020**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,837,300	$368,500
Interior Architecture	$1,392,500	$1,320,300
Electrical	$212,000	$405,700
Mechanical	$336,700	$2,736,700
Site Pavements	$56,600	
Total	**$3,835,200**	**$4,831,300**
Importance Code A	$1,837,300	$1,055,800
Importance Code B	$1,436,700	$2,808,900
Importance Code C	$561,200	$966,500
Total	**$3,835,200**	**$4,831,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,000			
Interior Architecture	$35,400			$7,900
Electrical	$2,300	$46,900	$1,700	$1,200
Mechanical	$123,600	$16,700	$9,700	$9,600
Site Enclosure	$30,800			
Site Pavements	$7,800			
Total	**$217,000**	**$63,500**	**$11,300**	**$18,700**
Importance Code A	$24,200	$7,300	$7,100	$7,100
Importance Code B	$162,000	$56,200	$4,200	$11,600
Importance Code C	$30,800			
Total	**$217,000**	**$63,500**	**$11,300**	**$18,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADULT TRAINING CENTER - BK
Asset # : 1215

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$57,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Covering Building								
Copper/Terne	5%			2050	* *	10	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Covering Building								
Masonry: Brick	70%	Now	$661,500	LIFE	* *	5	$73,400	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Covering Building								
Masonry: Brownstone	13%			LIFE	* *	5	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Covering Building								
Masonry: Fieldstone	5%			LIFE	* *	5	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Covering Building								
Windows								
Wood	100%	Now	$955,700	2055	* *	5	$181,100	1
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Split/Cracked, Extent : Severe, Area Affected : 20%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADULT TRAINING CENTER - BK
Asset # : 1215

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Covering Building								
Masonry: Brick	15%			LIFE	* *	5	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Covering Building								
Masonry: Brownstone	15%			LIFE	* *	5	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Above Main Entrance								
Explanation : Bell Tower								
Wood Cornice	55%	Now	$85,100	2040	* *	5	$37,100	
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 75%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	10%	Now	$17,000	2030	$56,800			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : At Flat Roof Between Main Building And Addition At Macon Street								
Copper/Terne	50%	Now	$64,000	2045	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 10%								
Location : Macon Street Facade And Addition At Elevated Track								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Third Floor Corridor And Room 319								
Skylight, Metal/Glass	5%			2040	* *	10	$7,400	
Slate	35%	Now	$71,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Bow Tie Ridge Spanning North - South At East Wing Of Building								
Soffits								
Metal Panel	100%			2040	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADULT TRAINING CENTER - BK
Asset # : 1215

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$35,400	2033	$353,800	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets Throughout								
Vinyl Tile	35%	Now	$364,000	2040	* *	3	$15,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Addition And Throughout Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : Basement And Addition								
Uneven Surface, Extent : Severe, Area Affected : 35%								
Location : Throughout Basement Addition								
Vinyl Tile 9" X 9"	20%	Now	$221,500	2040	* *	3	$8,600	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Third And Fourth Floor Corridors								
Wood	40%	Now	$149,700	2045	* *	5	$43,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Classrooms At Radiators								
Interior Walls								
Ceramic Tile	10%	Now	$90,600	2033	$906,400	5	$7,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Female Restroom On Third Floor, Staircase 3								
Glass: Single Pane	10%			LIFE	* *	5	$11,300	
Masonry: Brick	20%	Now	$313,800	LIFE	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Below Window Sills In Stairwells								
Other Observation, Extent : Light, Area Affected : 40%								
Location : Stairwells								
Explanation : Ceramic Brick								
Plaster	50%	Now	$100,200	LIFE	* *	5	$22,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Decorative Wood Arch Over Entrance Fell Off Wall								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	10%			LIFE	* *	5	$60,200	
Ceilings								
Embossed Metal	50%			LIFE	* *	5	$25,800	
Exposed Struc: Wood	10%			LIFE	* *			
Plaster	40%	Now	$152,700	LIFE	* *	5	$28,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Corridor And Rooms 300 And 319								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADULT TRAINING CENTER - BK
Asset # : 1215

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	15%	Now	$4,300	2040	* *			
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Along Halsey Street								
Iron Picket	85%	Now	$26,500	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Along Macon Street								
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$7,800	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Halsey Street								
Explanation : Sidewalk Vault Hatch Not Bolted Down								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$56,600	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Dumpster								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$49,600	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes. Emergency Lighting Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$213,600	5	$300	
Raceway								
Conduit	80%			2030	$126,700	1		
Conduit	20%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ADULT TRAINING CENTER - BK
Asset # : 1215

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Fused Disc Sw	20%			2038	* *	5	$300	
Fused Toggle Switch	30%	0-2	$59,000	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	40%			2046	* *	5	$800	
Wiring								
Braided Cloth	70%	2-4	$153,000	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	5%			2038	* *	10	$3,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fluorescent	94%			2038	* *	10	$62,100	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	1%	Now	$1,100	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Explanation : LED Modules Are Dark								
Egress Lighting								
Emergency, Battery	30%			2030	$39,700	10	$5,200	
Exit, Service	70%			2030	$23,800	1		
Exterior Lighting								
Fluorescent	5%			2035	* *	10	$300	
HID	85%			2038	* *	10	$200	
LED	10%			2038	* *			
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Air Terminals And Downleads On Spires								
Alarm								

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DEPARTMENT OF EDUCATION - 040
ADULT TRAINING CENTER - BK
Asset # : 1215

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$44,400	1	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%			2040	* *	1-3	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : System Replacement In Progress								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Oil No. 2, One Tank At 5,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2028	$687,300	1	$71,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	10%	Now	$1,300	2030	$63,100			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Faulty Steam Traps								
Steam Piping/Pump	90%			2030	$568,300			
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout, Steam And Condensate Piping Beyond Useful Life Cycle Rating								
Terminal Devices								
Convector/Radiator	95%			2028	$612,600	1	$22,100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout, Steam Radiators Are Beyond Their Useful Life Cycle Rating								
Fan Coil Unit/Heat	5%	Now	$4,900	2025	$97,800	1	$1,000	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Stairwell, One Of Three Defective Unit Heater Controls								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Steam Unit Heaters Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040
ADULT TRAINING CENTER - BK
Asset # : 1215

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$4,800	2025	$239,000	1		
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects.								
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2040	* *	1		
Galvanized Steel	80%	Now	$40,300	2028	$805,400	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Throughout								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout, Domestic Hot And Cold Water Piping Beyond Useful Life Cycle Rating. Lead Contamination Concerns.								
Water Heater With Tanks								
Gas Fired	100%	0-2	$400	2024	$18,700	2		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Minor Rusting At Tank Bottom								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Faulty Fuse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 175 Gallons								
Sanitary Piping								
Cast Iron	100%	0-2	$19,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 25%								
Location : Basement, Clogged Floor Drains In 3 Of 7 Toilet Rooms								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : First Floor Toilet Room, Leaky Toilet Drain Piping								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout, Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%	Now	$5,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : South Side Of The Building, Clogged Leaders And Gutters Creating Water Damage On South Exterior Wall								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Perimeter Of Pitched Roof								
Explanation : Leaders And Gutters Around Perimeter Of The Pitched Roof Connected To Cast Iron Piping								
Sump Pump(s)								
Non-Submersible	100%	Now	$15,800	2040	* *	4	$1,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room.								

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DEPARTMENT OF EDUCATION - 040
ADULT TRAINING CENTER - BK
Asset # : 1215

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	80%							
Generic	20%			2025	$7,000	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Back Flow Preventer Serves The Boiler And Hot Water Heater Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%	Now	$2,700	2040	* *	1-2	$900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Fire Sprinkler Alarm Does Not Activate When An Alarm Condition Exists								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **ALFRED E. SMITH HIGH SCHOOL - BX**		
Address	: **333 E. 151ST STREET BTWN: COURTLANDT AVE., MORRIS AV**		
Borough	: **BRONX**	**Agency's Number**	: **X600**
Program / Asset #	: **BOE0333.000 / 2684**	**Yr Built/Renovated**	: **1932 / 2005**
Area Sq Ft	: **282,468**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2411** **Lot** : **22**	**BIN**	: **2001874**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,997,100	$1,666,400
Interior Architecture	$1,558,300	$227,500
Electrical	$1,244,800	$6,372,800
Mechanical	$2,917,700	$9,696,400
Site Enclosure	$67,000	
Site Pavements	$503,800	
Total	**$8,288,600**	**$17,963,200**
Importance Code A	$1,997,100	$4,194,300
Importance Code B	$6,291,500	$13,709,400
Importance Code C		$59,500
Total	**$8,288,600**	**$17,963,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$16,700	$8,800	$23,400	$14,100
Electrical	$10,200	$9,300	$10,900	$9,500
Mechanical	$83,900	$96,700	$65,300	$45,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$118,700**	**$122,700**	**$107,500**	**$77,100**
Importance Code A	$27,600	$28,200	$27,600	$27,600
Importance Code B	$84,800	$94,500	$79,900	$49,500
Importance Code C	$6,300			
Total	**$118,700**	**$122,700**	**$107,500**	**$77,100**

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DEPARTMENT OF EDUCATION - 040
ALFRED E. SMITH HIGH SCHOOL - BX
Asset # : 2684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$39,500	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$61,600	
Masonry: Brick	43%			LIFE	* *	5	$67,900	
Masonry: Brick Cavity	35%			LIFE	* *	5	$55,200	
Masonry: Limestone	5%			LIFE	* *	5	$5,900	
Metal Coiling Doors	5%			2043	* *	5	$24,700	
Granite Panels	2%			LIFE	* *	5	$2,400	
Windows								
Aluminum	100%	4+	$1,911,300	2046	* *	5	$33,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$12,400	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal: Cage/Fence	5%			2043	* *	5-10	$5,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,600	
Roof								
Built-Up (BUR)	50%			2035	* *	10	$85,800	
Copper/Terne	5%			2058	* *	10	$21,500	
IRMA/Protected Membrane	35%			2030	$1,421,600	10	$60,100	
Plaza Roof: Stone Panels	10%			2050	* *			
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$91,100	
Ceramic Tile	5%			2039	* *	5	$20,800	
Terrazzo	3%			LIFE	* *	5	$9,800	
Vinyl Tile	45%			2035	* *	3	$70,300	
Vinyl Tile 9" X 9"	27%	Now	$992,200	2040	* *	3	$42,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors (1963 And 1964 Wing)								
Wood	10%			2058	* *	5	$78,100	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$12,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$16,900	
Folding Partition	3%			2038	* *	5	$31,600	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$59,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
ALFRED E. SMITH HIGH SCHOOL - BX
Asset # : 2684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$566,000	2043	* *	5	$44,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Corridors In 1963 Wing								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 25%								
Location : Corridors In 1963 Wing								
Vandalism, Extent : Severe, Area Affected : 30%								
Location : Corridors In 1963 Wing								
AcousTileSusp.Lay-In	5%			2035	* *	5	$17,600	
Exposed Struc: Concrete	35%			LIFE	* *	5	$19,200	
Plaster	35%			LIFE	* *	5	$76,900	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$67,000	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 151 Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$101,800	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : East 151 Street, East 152nd Street, Morris Avenue								
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	30%			2039	* *			
Cast in Place Concrete	70%			2043	* *			
Activity Yard								
Asphalt	50%	Now	$195,900	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	50%	Now	$206,000	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
ALFRED E. SMITH HIGH SCHOOL - BX
Asset # : 2684

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$102,800	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$650,200	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Eleven Vertical Sections								
Raceway								
Conduit	90%			2030	$606,800	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$300	
Fused Disc Sw	10%			2029	$63,900	5	$600	
Molded Case Bkrs	75%			2046	* *	5	$5,600	
Molded Case Bkrs	10%			2029	$63,900	5	$700	
Wiring								
Braided Cloth	80%	2-4	$718,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	5%			2043	* *	5	$100	
Locally Mounted	35%			2028	$127,000	5	$700	
Locally Mounted	60%	2-4	$130,600	2050	* *	5	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$4,064,600	10	$250,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2030	$65,900	10	$200	
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$33,600	
Exit, Service	50%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040
ALFRED E. SMITH HIGH SCHOOL - BX
Asset # : 2684

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	15%			2025	$197,700	10	$100	
HID	15%	Now	$197,700	2040	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Not Functional								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$159,100	1	$31,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$218,600	1-3	$53,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Toilets								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$86,200	
Conversion Equipment								
Steam Boiler	100%			2028	$2,425,100	1	$275,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 5 Steam Boilers								
Distribution								
Steam Piping/Pump	10%	0-2	$89,100	2050	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : Thermostats, Traps, Throughout								
Steam Piping/Pump	90%			2030	$2,005,200			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
ALFRED E. SMITH HIGH SCHOOL - BX
Asset # : 2684

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2025	$1,570,800	1	$51,600	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Basement And Fourth Floor Fan Rooms								
Convector/Radiator	60%			2028	$1,365,100	1	$53,900	
Fan Coil Unit/Heat	1%	0-2	$13,800	2025	$69,000	1	$800	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Defective Unit Ventilator Motors								
Fan Coil Unit/Heat	9%			2025	$620,800	1	$8,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vocational Shop And Offices								
Explanation : 20 Units, R-410a								
Window/Wall Unit	70%			2028	$737,800	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	* *	1	$9,000	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	* *	2	$19,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$155,100	
Exhaust Fans								
Interior	30%			2025	$370,200	2	$2,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Fourth Floor Fan Rooms								
Roof	4%	0-2	$4,300	2025	$21,600	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Roof, 4 Of 10 Defective Exhaust Fan Motors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Roof	66%			2030	$356,300	2	$5,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								

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DEPARTMENT OF EDUCATION - 040
ALFRED E. SMITH HIGH SCHOOL - BX
Asset # : 2684

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2028	$1,776,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$41,300	
Sanitary Piping								
Cast Iron	10%	0-2	$7,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement And 1st Floor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building								
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%	0-2	$1,400	2035	* *	4	$3,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : The Motors								
Non-Submersible	50%			2025	$28,300	4	$4,500	
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room In The Newer Wing Of The Building								
Sewage Ejector(s)								
Electric	100%			2025	$147,900	4	$16,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Sewer Ejector Room								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Explanation : Basement Through 3rd Floor								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing								
Explanation : Basement Through 4th Floor								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ALFRED E. SMITH HIGH SCHOOL - BX
Asset # : 2684

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2030	$961,900	1-2	$19,500	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **ANDREW JACKSON HIGH SCHOOL - Q**		
Address	: **207-01 116TH AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q490**
Program / Asset #	: **BOE0887.000 / 1479**	**Yr Built/Renovated**	: **1937 / 2014**
Area Sq Ft	: **260,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11049** **Lot** : **1**	**BIN**	: **4238003**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$74,900	$793,400
Interior Architecture	$17,619,100	$5,056,500
Electrical	$1,075,200	$6,553,800
Mechanical	$3,867,400	$4,298,700
Site Pavements	$230,400	
Total	**$22,866,900**	**$16,702,300**
Importance Code A	$74,900	$896,200
Importance Code B	$22,561,300	$14,874,400
Importance Code C	$230,800	$931,800
Total	**$22,866,900**	**$16,702,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$12,200	$53,700		$12,200
Electrical	$10,300	$9,900	$7,300	$7,300
Mechanical	$90,400	$64,300	$61,600	$85,900
Site Enclosure	$13,600			
Site Pavements	$47,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$177,700**	**$131,700**	**$72,900**	**$109,300**
Importance Code A	$45,300	$26,300	$25,700	$25,700
Importance Code B	$73,400	$105,400	$47,100	$83,500
Importance Code C	$59,000			
Total	**$177,700**	**$131,700**	**$72,900**	**$109,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ANDREW JACKSON HIGH SCHOOL - Q
Asset # : 1479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$210,100	
Copper/Terne	2%			2050	* *	10	$12,600	
Masonry: Brick	10%			LIFE	* *	5	$26,900	
Masonry: Brick	70%			LIFE	* *	5	$188,200	
Masonry: Granite	3%			LIFE	* *	5	$6,100	
Masonry: Limestone	5%			LIFE	* *	5	$10,100	
Windows								
Aluminum	95%			2046	* *	5	$149,700	
Glass Block	5%			LIFE	* *	5	$4,900	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$41,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Roof Parapet Wall								
Pre-Cast Concrete	5%			LIFE	* *	5	$13,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Roof Parapet								
Roof								
Built-Up (BUR)	3%			2030	$82,200	10	$7,000	
Metal Panel	2%			2043	* *	10	$8,600	
Modified Bitumen	90%			2038	* *	10	$211,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Skylight, Metal/Glass	5%			2050	* *	10	$39,100	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$59,800	
Ceramic Tile	5%			2033	$1,100,200	5	$19,500	
Mosaic Tile	3%			2035	* *	5	$29,300	
Terrazzo	7%	Now	$127,700	LIFE	* *	5	$21,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Traffic Topping	3%			2035	* *	5	$14,600	
Vinyl Tile	25%			2030	$2,695,200	3	$48,800	
Vinyl Tile 9" X 9"	25%			2025	$17,219,400	3	$36,600	
Wood	25%			2045	* *	5	$182,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ANDREW JACKSON HIGH SCHOOL - Q
Asset # : 1479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$121,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Columns In Filter Room								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Columns In Filter Room								
Explanation : Corroded Encased Steel Columns								
Ceramic Tile	5%			2033	$877,200	5	$15,900	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$52,600	
Plaster	2%			LIFE	* *	5	$1,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2035	* *	5	$39,000	
Exposed Struc: Concrete	15%			LIFE	* *	5	$9,100	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$158,500	
Plaster	3%			LIFE	* *	5	$7,300	
Plaster	5%	Now	$59,300	LIFE	* *	5	$12,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Pool Ceiling								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Pool Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2040	* *			
Iron Picket	30%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	60%			2050	* *			
Concrete Masonry Unit	40%	4+	$11,800	2050	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Cheek Walls At Steps Throughout								
Retaining Walls								
Cast in Place Concrete	100%	4+	$1,800	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Track And Tennis Court								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$120,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Francis Lewis Boulevard And 116th Avenue								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ANDREW JACKSON HIGH SCHOOL - Q
Asset # : 1479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	4+	$39,300	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Granite	10%	Now	$7,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Granit Steps								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$109,600	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Parking Area								
Activity Yard								
Asphalt	70%			2039	* *			
Cast in Place Concrete	5%			2043	* *			
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$102,800	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 5,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$650,200	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Seven Vertical Sections								
Raceway								
Conduit	90%			2030	$606,800	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$63,900	5	$600	
Molded Case Bkrs	80%			2029	$510,900	5	$5,500	
Molded Case Bkrs	10%			2038	* *	5	$700	
Wiring								
Braided Cloth	90%	2-4	$808,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ANDREW JACKSON HIGH SCHOOL - Q
Asset # : 1479

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2028	$181,400	5	$900	
Locally Mounted	30%	2-4	$65,300	2050	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	20%			2043	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$3,798,300	10	$233,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2030	$38,800	10	$2,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
HID	1%			2030	$30,800	10	$100	
Egress Lighting								
Emergency, Battery	50%			2030	$218,200	10	$31,400	
Exit, LED	50%			2065	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10	$200	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$146,400	1	$29,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$201,200	1-3	$48,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium, Basement And Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ANDREW JACKSON HIGH SCHOOL - Q
Asset # : 1479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$45,300	2035	* *	1	$231,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of No.3 Boiler, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room Pit								
Explanation : Three Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2030	$2,082,000			
Terminal Devices								
Air Handler	2%	0-2	$2,000	2025	$97,900	1	$2,900	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Fan Rooms - Deteriorated Flexible Connections								
Air Handler	18%			2025	$880,700	1	$28,900	
Convector/Radiator	50%	Now	$21,300	2028	$1,063,000	1	$37,800	
Fan Coil Unit/Heat	30%			2025	$1,933,900	1	$25,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	0-2	$3,000	2025	$147,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Defective Air Conditioning Units								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$108,700	
No Component	25%							
Exhaust Fans								
Interior	7%	0-2	$1,600	2025	$80,700	2	$400	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Deteriorated Flexible Connections								
Interior	63%			2025	$726,500	2	$5,000	
Roof	5%			2030	$25,200	2	$400	
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$663,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ANDREW JACKSON HIGH SCHOOL - Q
Asset # : 1479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,600	2030	$52,100	4	$5,500	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Pool Filter/Treatment								
Sand	100%			2047	* *	4	$64,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$107,900	1-2	$2,200	
Fire Pump								
Generic	100%			2033	$248,200	1	$48,600	
Chemical System								
Generic	100%	0-2	$4,100	2029	$81,600	1-3	$68,900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Old Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM**
Address : **2005 MADISON AVE, BTWN: E.127 ST. - E.128 ST.**
Borough : **MANHATTAN**
Agency's Number : **M501**
Program / Asset # : **BOE0135.000 / 1627**
Yr Built/Renovated : **1966 / 2014**
Area Sq Ft : **198,549**
Project Type : **EDUCATION**
Date of Survey : **07-Feb-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1752** **Lot** : **22** **BIN** : **1054156**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$521,400
Interior Architecture	$34,281,500	$126,100
Electrical	$1,560,900	$1,193,100
Mechanical	$5,321,000	$15,741,100
Site Pavements	$52,000	
Total	**$41,215,400**	**$17,581,700**
Importance Code A	$155,800	$2,117,500
Importance Code B	$41,059,600	$15,464,200
Total	**$41,215,400**	**$17,581,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$23,500		
Interior Architecture	$78,000		$7,400	$22,300
Electrical	$37,600	$121,300	$36,500	$32,400
Mechanical	$125,800	$92,100	$123,900	$59,500
Total	**$241,500**	**$236,900**	**$167,800**	**$114,200**
Importance Code A		$41,600	$17,800	$17,700
Importance Code B	$229,900	$195,400	$150,000	$96,500
Importance Code C	$11,600			
Total	**$241,500**	**$236,900**	**$167,800**	**$114,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM
Asset # : 1627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$94,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Repair								
Masonry: Brick	65%			LIFE	* *	5	$81,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding In Place								
Metal: Cage/Fence	10%			2043	* *	5	$54,900	
Window Wall	10%			2060	* *	5	$47,100	
Windows								
Aluminum	5%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Bulkhead Stairs								
Explanation : Under Repair								
Glass Block	10%			LIFE	* *	5		
No Component	85%							
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$125,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Roof								
IRMA/Protected Membrane	85%			2038	* *	10	$220,400	
Gravel/Stone Ballast, Extent : Light, Area Affected : 95%								
Location : Throughout								
Paver Block Ballast, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Single Ply Membrane	10%			2038	* *	10	$25,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Over Gymnasium								
Skylight, Metal/Glass	5%			2050	* *	10	$43,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM
Asset # : 1627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$14,900	
Panel/Paver: Cer/Brk	5%			2038	* *	5	$33,400	
Vinyl Tile	20%			2035	* *	3	$22,300	
Vinyl Tile 9" X 9"	60%	Now	$629,400	2025	$31,469,900	3	$66,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Expansion Joints And Throughout								
Wood	10%	Now	$177,200	2045	* *	5	$27,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$900	
Concrete Masonry Unit	5%			LIFE	* *	5	$600	
Glass: Single Pane	5%			LIFE	* *	5	$1,200	
Masonry: Brick	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$5,600	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	20%	Now	$11,200	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Corridor At Expansion Joint								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Corridor								
Wood	2%			LIFE	* *	5	$2,500	

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DEPARTMENT OF EDUCATION - 040
ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM
Asset # : 1627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$46,400	2043	* *	5	$18,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Corridors								
Exposed Struc: Concrete	35%			LIFE	* *	5	$15,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%	0-2	$12,600	LIFE	* *	5	$18,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Metal Panel	35%	Now	$2,004,900	LIFE	* *	5	$126,100	
Corrosion/Rusting, Extent : Light, Area Affected : 75%								
Location : Throughout 2nd, 3rd And Basement Corridors								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd, 3rd And Basement Corridors								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout 2nd, 3rd And Basement Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd, 3rd And Basement Corridors								
Plaster	10%			LIFE	* *	5	$18,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$52,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed Causing Cracking.								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Cast in Place Concrete	50%			2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout Madison Avenue								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Staging Area For Construction. Trailers And Materials Throughout								
Rubber Matting	50%			2035	* *			

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DEPARTMENT OF EDUCATION - 040
ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM
Asset # : 1627

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$25,700	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,000 Ampere Main Disconnect Switches								
Fused Disc Sw	25%			2030	$12,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	25%			2056	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Electric Service Room								
Explanation : 600 Ampere Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$325,100	5	$900	
Raceway								
Conduit	90%			2030	$303,400	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$17,000	5	$200	
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	80%			2029	$271,400	5	$4,200	
Molded Case Bkrs	10%			2046	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$359,400	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$90,700	5	$700	
Locally Mounted	50%			2043	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$61,100	
Generators								
Diesel	50%			2043	* *	1	$38,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 150 Kilowatt								
Natural Gas	50%	Now	$6,900	2045	* *	1	$34,600	
Abandoned In Place, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								

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DEPARTMENT OF EDUCATION - 040
ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM
Asset # : 1627

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$7,400	
Fuel Storage								
Day Tank	100%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 150 Gallon								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$163,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$47,000	10	$100	
Incandescent	5%			2025	$275,000	2	$200	
LED	3%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 3%								
Location : Auditorium								
Egress Lighting								
Emergency, Service	55%			2038	* *	1		
Emergency, Battery	5%			2038	* *	10	$2,400	
Exit, Service	40%			2025	$34,200	1		
Exterior Lighting								
HID	100%			2025	$926,500	10	$600	
Alarm								
Security System								
Generic	30%			2035	* *	1	$22,300	
Generic	70%			2038	* *	1	$51,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Interior								
Explanation : CCTV System Installed								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$122,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$61,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 15,000 Gallon Tanks For No. 2 Fuel Oil								

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DEPARTMENT OF EDUCATION - 040
ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM
Asset # : 1627

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Shell & Tube	10%			2033	$84,700			
Steam Boiler	90%	Now	$155,800	2028	$1,557,500	1	$159,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers, Retubing Needed								
Distribution								
Hot Wtr Piping/Pump	40%	0-2	$8,700	2038	* *	4	$3,900	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Explanation : 1 Out Of 4 Pumps Not Working								
Central Plant Steam Piping/Pmp	60%	Now	$67,000	2040	* *	4	$5,900	
Leak Evident, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Terminal Devices								
Fan Coil Unit/Heat	100%	Now	$98,500	2025	$4,922,700	1	$57,700	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Fan Pans								
Air Conditioning								
Energy Source								
Electricity	10%			2046	* *	1		
Steam/HW System	90%			2040	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	90%			2033	$5,798,100	1	$193,400	
Exterior Pkg Unit - Cooling	5%			2030	$108,900	2	$600	
Split Unit	5%			2035	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%	0-2	$32,100	2040	* *	4	$9,800	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : 2 Out Of 4 Pumps Not Working								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$77,100	2030	$3,852,600	1	$110,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Fan Pans								
Heat Rejection								
Water Cooling Tower	100%			2028	$1,002,900	2	$199,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$110,700	

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DEPARTMENT OF EDUCATION - 040
ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM
Asset # : 1627

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%			2030	$528,400	2	$3,600	
Roof	40%			2030	$154,100	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$2,550,000	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2028	$17,100	2		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Gas Supply Not Connected, One 400 Gallon Unit								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$29,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$600	2024	$6,100	4	$4,200	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2030	$104,000	4	$7,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 1st Floor, One Unit From 1st To 3rd Floor								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$55,600	
Chemical System								
Wet	2%			2025	$1,600	1-3	$1,700	
No Component	98%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **AUGUST MARTIN HIGH SCHOOL - Q**		
Address	: **156-10 BAISLEY BLVD-JAMAICA**		
Borough	: **QUEENS**	**Agency's Number**	: **Q400**
Program / Asset #	: **BOE0868.000 / 974**	**Yr Built/Renovated**	: **1940 / 2015**
Area Sq Ft	: **232,652**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Att**		
Block	: **12261** **Lot** : **1**	**BIN**	: **4265978**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$207,400	$327,000
Interior Architecture	$1,279,500	$5,400,200
Electrical	$353,800	$3,516,500
Mechanical	$963,800	$4,432,600
Site Enclosure	$55,000	
Total	**$2,859,500**	**$13,676,300**
Importance Code A	$207,400	$429,800
Importance Code B	$2,652,100	$13,246,500
Total	**$2,859,500**	**$13,676,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$81,000		$17,400	
Interior Architecture	$65,700		$33,400	$37,200
Electrical	$62,200	$10,700	$19,100	$6,700
Mechanical	$35,200	$15,600	$46,900	$15,800
Site Enclosure	$35,000			
Site Pavements	$3,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$286,300**	**$30,200**	**$120,700**	**$63,600**
Importance Code A	$81,000		$17,900	
Importance Code B	$147,700	$30,200	$102,800	$54,000
Importance Code C	$57,600			$9,600
Total	**$286,300**	**$30,200**	**$120,700**	**$63,600**

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DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q
Asset # : 974

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$155,300	
Masonry: Limestone	5%			LIFE	* *	5	$6,900	
Metal Panel	3%			2041	* *	5-10	$37,700	
Metal Coiling Doors	2%	Now	$39,000	2036	* *	5	$5,700	
Hardware Missing, Extent : Severe, Area Affected : 50%								
Location : Room 164 And 187c								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Room 164 And 187c								
Granite Panels	5%			LIFE	* *	5	$6,900	
Windows								
Aluminum	95%	Now	$132,300	2047	* *	5	$13,900	
Air Infiltration, Extent : Severe, Area Affected : 15%								
Location : At All Air Conditioning Units								
Metal Louvers	5%			2040	* *	10	$9,100	
Parapets								
Masonry: Brick	88%			LIFE	* *	5	$28,600	
Metal Rail	2%			2036	* *	5-10	$11,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$20,400	
Roof								
Copper/Terne	30%			2059	* *	10	$171,700	
Metal Panel	10%			2044	* *	10	$42,000	
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Main Roof At Flat Section Facing Rear Perimeter								
Modified Bitumen	60%	Now	$75,100	2036	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Library At HVAC Dunnage Penetrations								
Interior								

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DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q
Asset # : 974

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$155,700	
Mosaic Tile	3%	2-4	$50,100	2036	* *	5	$13,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : All Bathrooms								
Quarry Tile	3%	Now	$39,300	2036	* *	5	$8,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Explanation : Concrete Fill In Missing Or Broken Areas								
Terrazzo	2%			LIFE	* *	5	$5,600	
Vinyl Tile	52%	0-2	$255,600	2031	$5,111,200	3	$69,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Corridors								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Vinyl Tile 9" X 9"	10%	Now	$314,000	2041	* *	3	$13,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen Office								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Wood	10%			2046	* *	5	$66,700	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	5%	0-2	$26,500	2034	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout All Bathrooms And Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : All Bathrooms								
Concrete Masonry Unit	8%			LIFE	* *	5	$6,200	
Masonry: Brick	3%			LIFE	* *			
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Basement								
Metal Coiling Doors	2%			2047	* *	5	$19,200	
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$28,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q
Asset # : 974

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	13%	Now	$446,600	2051	* *	5	$23,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Basement Corridor								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : First Floor Corridor Outside Of Library, Stair 13 And 14, Classroom B88								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Basement Corridor								
AcousTileSusp.Lay-In	2%			2048	* *	5	$7,100	
Exposed Struc: Concrete	20%	Now	$213,300	LIFE	* *	5	$11,100	
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Attic Ceiling								
Exposed Struc: Steel	2%			LIFE	* *			
Metal Panel	3%			LIFE	* *	5	$13,300	
Plaster	60%			LIFE	* *	5	$133,400	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Teachers Cafeteria And Cafeteria 2								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$27,900	2066	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	15%	0-2	$7,000	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 157th Street Basement Exit								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : 157th Street Basement Exit								
Masonry: Brick	75%	Now	$55,000	2041	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Front Entrance Ramp								
Masonry: Fieldstone	10%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ramp At Main Entrance								
Explanation : Granite Panels At Base Of Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	75%			2044	* *			
Under Construction	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Baisley Boulevard And 155th Street								
Explanation : Construction In Progress								

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DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q
Asset # : 974

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	93%			2036	* *			
Masonry: Granite	5%	4+	$3,200	LIFE	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : 157th Street And Baisley Boulevard Entrance Steps								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Steps To Entrance And Exit								
Explanation : Granite Stone Steps								
Pavers/Stone	2%			2034	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$102,800	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$650,200	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Eight Verical Sections								
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$500	
Molded Case Bkrs	5%			2047	* *	5	$300	
Molded Case Bkrs	85%			2030	$542,900	5	$5,200	
Wiring								
Braided Cloth	5%	2-4	$44,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	85%			2031	$763,700	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	25%			2029	$90,700	5	$400	
Locally Mounted	40%			2036	* *	5	$600	
Locally Mounted	25%			2044	* *	5	$400	
Variable Frequency Drive	10%			2044	* *			
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q
Asset # : 974

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,400	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$209,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2036	* *	10	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lights								
Incandescent	1%			2026	$64,500	2	$100	
Egress Lighting								
Emergency, Battery	30%			2031	$117,200	10	$16,800	
Emergency, Battery	20%			2026	$78,100	10	$11,200	
Exit, Service	50%			2031	$50,200	1		
Exterior Lighting								
HID	20%			2031	$217,100	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$131,000	1	$26,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$180,000	1-3	$43,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Auditorium, Toilets, Cafeteria, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Renovation Of Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q
Asset # : 974

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 1 Temporary Steam Boiler Is Being Used								
Distribution								
Steam Piping/Pump	5%	0-2	$9,300	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Return Line, Underground Of Boiler Room Entrance In Basement								
Steam Piping/Pump	95%			2031	$1,769,900			
Terminal Devices								
Air Handler	5%	0-2	$10,900	2026	$218,900	1	$6,500	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Air Handler	15%			2026	$656,700	1	$21,600	
Convector/Radiator	80%			2029	$1,522,000	1	$60,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Repair And Replacement Is In Progress								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2036	* *	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Explanation : 2 Units. R-407c								
Window/Wall Unit	10%			2026	$88,100	1		
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Various Locations								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$129,700	
Exhaust Fans								
Under Construction	100%							
Plumbing								
H/C Water Piping								
Under Construction	100%							
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Temporary Electrical Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q
Asset # : 974

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$4,900	
Sewage Ejector(s)								
Electric	100%	0-2	$2,400	2031	$121,800	4	$9,300	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2031	$103,900	1	$14,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From Basement To 1st Floor Not In Service For Long Time								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2031	$535,600	1-5	$58,600	
Sprinkler								
No Component	90%							
Generic	10%			2031	$321,700	1-2	$6,500	
Chemical System								
No Component	99%							
Generic	1%			2026	$400	1-3	$400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **AUGUST MARTIN HIGH SCHOOL - Q FIELDHOUSE**		
Address	: **156-10 BAISLEY BLVD. JAMAICA**		
Borough	: **QUEENS**	**Agency's Number**	: **Q400**
Program / Asset #	: **BOE0868.010 / 13398**	**Yr Built/Renovated**	: **1940 /**
Area Sq Ft	: **15,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **12261** **Lot** : **1**	**BIN**	: **4265978**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$54,300
Mechanical		$164,100
Site Pavements		$200,600
Total		**$419,000**
Importance Code A		$151,900
Importance Code B		$66,500
Importance Code C		$200,600
Total		**$419,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,800		$5,300	$200
Mechanical	$10,100	$2,100	$2,900	$2,100
Site Enclosure	$8,400			
Site Pavements	$37,200			
Total	**$77,600**	**$2,100**	**$8,200**	**$2,400**
Importance Code A	$23,000	$1,500	$6,500	$1,700
Importance Code B	$13,400	$700	$1,700	$700
Importance Code C	$41,200			
Total	**$77,600**	**$2,100**	**$8,200**	**$2,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$42,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Masonry: Brick	60%			LIFE	* *	5	$20,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Metal Coiling Doors	10%			2036	* *	5	$10,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Windows								
Aluminum	10%			2047	* *	5	$500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Windows								
Explanation : Grilles								
Glass Block	80%			LIFE	* *	5	$2,300	
Steel	10%			2039	* *	5	$5,700	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5		
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Masonry: Brick	40%			LIFE	* *	5		
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Metal Rail	20%			2044	* *	5-10		
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Metal: Cage/Fence	25%			2036	* *	5-10		
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Pre-Cast Concrete	5%			LIFE	* *	5		
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Fieldhouse								
Roof								
Cast in Place Concrete	95%			LIFE	* *			
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Bleachers								
Modified Bitumen	5%			2031	$54,300	10	$5,000	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Fieldhouse								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast in Place Concrete	100%	Now	$19,000	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : At Beams And Surface At All Areaways								
Horizontal Cracks, Extent : Severe, Area Affected : 5%								
Location : Beams								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Center Of Soffits								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : At Edge Perimeter Of Soffits								
Interior								
Floors								
Under Construction	100%							
Interior Walls								
Under Construction	100%							
Ceilings								
Under Construction	100%							
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$8,400	2041	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : 157th Street Base Is Bulging								
Iron Picket	25%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	70%			2044	* *			
Under Construction	30%							
On-Site Walkways								
Cast in Place Concrete	100%	Now	$22,800	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : North Areaway								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : North And South Areas								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : North And South Areas								
Explanation : Vegetation								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$10,000	2029	$200,600			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Driveway								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	40%	Now	$1,300	2034	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Handball Courts								
Explanation : Vegetation Through Cracks								
Rubber Matting	40%	Now	$3,100	2031	$31,200			
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Running Track								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Field								
Explanation : Running Track								
Under Construction	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Tennis Courts								
Explanation : Construction Swing Space								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Under Construction	100%							
Panelboards								
Under Construction	100%							
Wiring								
Under Construction	100%							
Motor Controllers								
Under Construction	100%							
Ground								
Grounding Devices								
Under Construction	100%							
Lighting								
Interior Lighting								
Under Construction	100%							
Egress Lighting								
Under Construction	100%							
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUGUST MARTIN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13398

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access Due To Construction								
Conversion Equipment								
Radiant Heater	25%			2031	$97,600	2	$1,700	
Steam Boiler	75%			2036	* *	1	$11,100	
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$8,400	2041	* *	4	$700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Holes In The Steam Line, Vacuum Pump, Street Level								
Terminal Devices								
Convector/Radiator	25%			2036	* *	1	$1,200	
Fan Coil Unit/Heat	75%			2036	* *	1	$3,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,400	
Exhaust Fans								
Interior	100%			2031	$66,500	2	$500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	* *	1	$900	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **AUTOMOTIVE TRADES VOC. H.S. - BK**		
Address	: **50 BEDFORD AVE @ MC CARREN PARK**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K610**
Program / Asset #	: **BOE0648.000 / 688**	**Yr Built/Renovated**	: **1938 / 1999**
Area Sq Ft	: **144,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2670** **Lot** : **1**	**BIN**	: **3066698**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$204,800	$119,700
Interior Architecture	$1,983,000	$8,155,000
Electrical	$279,700	$845,400
Mechanical	$560,200	$4,362,300
Total	**$3,027,600**	**$13,482,400**
Importance Code A	$267,500	$171,100
Importance Code B	$2,537,700	$13,311,300
Importance Code C	$222,400	
Total	**$3,027,600**	**$13,482,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,200	$11,000	$12,200	
Interior Architecture	$95,900			$8,300
Electrical	$30,800	$13,400	$16,500	$13,900
Mechanical	$174,000	$76,000	$56,500	$45,300
Site Enclosure	$10,900			
Site Pavements	$57,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$409,300**	**$104,400**	**$89,200**	**$71,500**
Importance Code A	$49,800	$25,300	$26,500	$14,300
Importance Code B	$279,200	$79,100	$62,700	$57,200
Importance Code C	$80,300			
Total	**$409,300**	**$104,400**	**$89,200**	**$71,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE TRADES VOC. H.S. - BK
Asset # : 688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$239,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : All Facades								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Foundation Wall Into Gasoline Meter Room								
Masonry: Granite	5%			LIFE	* *	5	$10,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Masonry: Limestone	5%			LIFE	* *	5	$10,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Metal Coiling Doors	5%			2050	* *	5	$22,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Exterior Wall								
Windows								
Aluminum	100%			2049	* *	5	$51,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Parapets								
Masonry: Limestone	35%			LIFE	* *	5-10	$94,900	
Metal Rail	5%			2046	* *	5-10	$20,100	
Under Construction	60%							
Roof								
Under Construction	100%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE TRADES VOC. H.S. - BK
Asset # : 688

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
Cast in Place Concrete	30%	Now	$567,900	LIFE		* *	5	$146,100	
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Basement									
Ceramic Tile	5%	Now	$31,400	2042		* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Kitchen									
Terrazzo	5%			LIFE		* *	5	$17,400	
Vinyl Tile	10%	Now	$30,700	2038		* *	3	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Vinyl Tile 9" X 9"	20%	Now	$392,800	2028	$7,855,900		3	$16,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%									
Location : Stairs 9, 10, Kitchen Office									
Wood	30%	Now	$199,100	2048		* *	5	$62,600	
Misaligned/Bulging, Extent : Severe, Area Affected : 2%									
Location : Gymnasium									
Split/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Gymnasium									
Water Penetration, Extent : Severe, Area Affected : 2%									
Location : Gymnasium									
Interior Walls									
Concrete Masonry Unit	5%			LIFE		* *	5	$5,700	
Masonry: Brick	10%			LIFE		* *	10	$4,300	
Marble Panels	5%	Now	$126,400	LIFE		* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : Throughout									
Plaster	55%	Now	$95,900	LIFE		* *	5	$23,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Basement									
Water Penetration, Extent : Light, Area Affected : 5%									
Location : Basement									
SGFT/Glazed Masonry	25%			LIFE		* *	10	$17,900	
Ceilings									
AcousTileSusp.Lay-In	5%			2038		* *	5	$11,100	
Exposed Struc: Concrete	30%			LIFE		* *	5-10	$83,500	
Plaster	50%			LIFE		* *	5-10	$191,300	
Plaster	15%	Now	$406,100	LIFE		* *	5	$20,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Boys Locker Room, Room 333									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Boys Locker Room, Bulkhead, Stairs 9 And 10									
Site Enclosure									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE TRADES VOC. H.S. - BK
Asset # : 688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	5%			2053	* *			
Iron Picket	95%	Now	$9,900	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$1,100	2068	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Room B12								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,200	2046	* *			
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Nassar Street								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$7,700	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Entrance On Nassar Street								
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$37,700	2046	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Parking Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$46,300	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2033	$5,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2063	* *	5	$600	
Raceway								
Conduit	95%			2033	$274,400	1		
Conduit	5%			2063	* *	1		

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DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE TRADES VOC. H.S. - BK
Asset # : 688

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	8%			2032	$24,000	5	$300	
Fused Disc Sw	2%			2058	* *	5	$100	
Molded Case Bkrs	15%			2032	$44,900	5	$600	
Molded Case Bkrs	70%			2049	* *	5	$2,700	
Molded Case Bkrs	5%			2058	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$279,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2063	* *	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$800	
Locally Mounted	20%			2053	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,200	
Lighting								
Interior Lighting								
Fluorescent	20%			2038	* *	10	$26,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	74%			2041	* *	10	$97,700	
LED	6%			2043	* *			
Egress Lighting								
Emergency, Battery	40%			2028	$96,700	10	$13,900	
Emergency, Battery	10%			2041	* *	10	$3,500	
Exit, Service	20%			2028	$12,400	1		
Exit, Service	30%			2041	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$26,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	50%			2028	$135,200	1	$26,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit Doors, Hallways And Some Offices								
Explanation : Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE TRADES VOC. H.S. - BK
Asset # : 688

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$88,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horns, Smoke Detectors, Pull Boxes And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	95%			2046	* *	1	$135,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	5%	0-2	$62,800	2053	* *	1	$6,400	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Boiler Emergency Shut Off Switch Defective								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$404,900	2043	* *	4	$7,100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Air Compressor Filter Defective								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Two Condensate Pump Leaking								
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Boiler Feedwater Pump Is Not Working								
Terminal Devices								
Air Handler	20%			2033	$542,000	1	$17,800	
Convector/Radiator	55%	0-2	$32,400	2038	* *	1	$23,000	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Leaking Radiators In Rooms 109, 233, 360, And 162								
Fan Coil Unit/Heat	25%			2033	$892,600	1	$11,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$27,300	2028	$272,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 10 Percent Of Window, Wall Units Are Not Working								
No Component	50%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE TRADES VOC. H.S. - BK
Asset # : 688

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$127,100	
Exhaust Fans								
Roof	50%			2028	$139,700	2	$2,200	
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Ongoing Construction To Replace Exhaust Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$92,500	2033	$1,849,400	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Corroded Water Main At Basement								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$25,400	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Cracked Drain Pipe At Room 333. Also Backup Of Water At Basement During Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%			2033	$28,800	4	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Freight Unit Used Only For Transporting Cars								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2033	$298,700	1-2	$6,000	
Chemical System								
Generic	100%			2031	$367,200	1-3	$334,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen Fire Suppression System. 90 Square Feet								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **AVIATION H.S. - Q**		
Address	: **36TH ST AND QUEENS BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q610**
Program / Asset #	: **BOE0891.000 / 1457**	**Yr Built/Renovated**	: **1958 / 1997**
Area Sq Ft	: **261,324**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4,5,6**		
Block	: **226** **Lot** : **1**	**BIN**	: **4436685**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$405,900
Interior Architecture	$11,416,500	$299,500
Electrical	$1,506,800	$2,098,700
Mechanical	$4,380,900	$4,136,800
Total	**$17,304,200**	**$6,940,900**
Importance Code A	$1,339,300	$457,300
Importance Code B	$15,638,200	$6,483,600
Importance Code C	$326,700	
Total	**$17,304,200**	**$6,940,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,300	$32,800		$42,900
Interior Architecture	$20,700	$25,700		$53,800
Electrical	$39,000	$41,200	$5,500	$4,900
Mechanical	$99,700	$142,100	$79,500	$43,100
Site Enclosure	$2,100			
Elevators/Escalators	$58,900	$58,900	$58,900	$58,900
Total	**$268,700**	**$300,700**	**$144,000**	**$203,500**
Importance Code A	$50,000	$59,000	$25,600	$68,500
Importance Code B	$205,700	$241,700	$118,300	$135,000
Importance Code C	$13,000			
Total	**$268,700**	**$300,700**	**$144,000**	**$203,500**

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$60,500	
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : All Facades								
Metal/Glass Curt Wall	40%			LIFE	* *	5	$90,800	
Not Insulated, Extent : Light, Area Affected : 100%								
Location : Entire Building. All Single Pane Glazing								
Caulking Deteriorated, Extent : Light, Area Affected : 30%								
Location : Mostly Hallway Areas And Various Locations Around Building								
Metal Sect. OHD	5%			2035	* *	5	$18,900	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Hangar								
Explanation : Sliding Hangar Doors								
Pre-Cast Concrete	5%	Now	$21,900	LIFE	* *	5	$19,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Hangar Window Sills								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Dust Stacks								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Dust Stacks								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Dust Stacks								
Explanation : Paint Peeling								
Windows								
Aluminum	100%			2052	* *	5	$85,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$4,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Masonry: Limestone	2%			LIFE	* *	5	$300	
Metal/Glass Curt Wall	38%			2050	* *	5	$16,900	
Metal Panel	10%			2030	$93,900	5	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Surrounding Main Roof Opposite Side Of Curtain Wall								
Explanation : Aluminum Coping								
Metal Rail	10%			2035	* *	5-10	$20,800	

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Metal Panel	5%			2043	* *	10	$16,700	
Modified Bitumen	88%			2038	* *	10	$160,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Plaza Roof: Stone Panels	5%			2056	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria Roof								
Explanation : Recent Installation								
Skylight, Metal/Glass	2%			2040	* *	10	$12,200	
Soffits								
Stucco Cement	100%	4+	$26,400	2043	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	35%	Now	$232,900	LIFE	* *	5	$299,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Aircraft Hangar, Connecting Corridor To Hangar								
Ceramic Tile	5%			2039	* *	5	$19,600	
Quarry Tile	5%			2043	* *	5	$29,300	
Terrazzo	5%			LIFE	* *	5	$15,300	
Vinyl Tile	30%	Now	$64,800	2038	* *	3	$44,000	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Offices And Corridors								
Loose Units, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Vinyl Tile 9" X 9"	15%			2025	$10,354,900	3	$22,000	
Wood	5%			2065	* *	5	$36,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	$21,700	
Concrete Masonry Unit	15%			LIFE	* *	5	$26,100	
Glass: Single Pane	2%			LIFE	* *	5	$6,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	3%	Now	$124,200	LIFE	* *			
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Fly Loft								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Fly Loft								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Fly Loft								
Metal Panel	3%	Now	$202,400	LIFE	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 80%								
Location : Auditorium								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Plaster	32%			LIFE	* *	5	$41,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%	Now	$377,600	2043	* *	5	$29,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTile,Adhered	5%			2047	* *	5	$19,600	
AcousTileConcealSpLn	5%			2043	* *	5	$24,400	
AcousTileSusp.Lay-In	15%			2047	* *	5	$58,700	
Exposed Struc: Concrete	45%			LIFE	* *	5	$27,500	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hangar								
Explanation : Acoustical Decking								
Plaster	5%	4+	$59,500	LIFE	* *	5	$12,200	
Repairs in Progress, Extent : N/A, Area Affected : 2%								
Location : 1st Floor Corridor								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2040	* *			
Iron Picket	25%	4+	$2,100	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
AVIATION H.S. - Q
Asset # : 1457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Yards								
Explanation : Some Sections Being Used As Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Four 400 Ampere Main Disconnect Switches								
Fused Disc Sw	50%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Service Switches Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	30%			2050	* *	5	$300	
Molded Case Bkrs	70%			2030	$455,200	5	$4,800	
Raceway								
Conduit	20%			2050	* *	1		
Conduit	80%			2030	$539,400	1		

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2029	$31,900	5	$300	
Fused Disc Sw	5%			2046	* *	5	$300	
Fused Knife Sw	5%	2-4	$31,900	2055	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	10%	2-4	$63,900	2055	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	15%			2046	* *	5	$1,000	
Molded Case Bkrs	60%			2029	$383,200	5	$4,100	
Wiring								
Braided Cloth	80%	2-4	$718,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	95%			2028	$344,700	5	$1,700	
Locally Mounted	5%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,900	
Generic	50%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Manual	100%			2040	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$191,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2030	$194,800	10	$12,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lamps								
HID	15%			2038	* *	10	$1,300	
Egress Lighting								
Emergency, Battery	50%			2025	$219,300	10	$31,500	
Exit, Service	50%			2025	$56,300	1		
Exterior Lighting								
HID	10%			2025	$121,900	10	$100	
No Component	90%							

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$98,100	1	$19,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors And Exit Doors								
Explanation : CCTV Camera System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$134,800	1-3	$32,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	98%			2040	* *	5	$79,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 15,000 Gallon Tanks For No. 4 Fuel, Bio-fuel Used								
Natural Gas	2%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Laboratories								
Conversion Equipment								
Furnace	2%	0-2	$1,600	2030	$16,300	1	$2,300	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Four Gas Fired Rooftop Units Serve Laboratory Classrooms								
Steam Boiler	98%	2-4	$1,339,300	2050	* *	1	$228,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Oil Leaks From Burners, Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$41,900	2030	$2,092,600			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Pump, Boiler Room And Sub-basement Fan Room.								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	4%	0-2	$3,900	2025	$196,700	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Isolating Canvas, Fan Room								
Explanation : Cracked Canvas								
Air Handler	36%			2025	$1,770,400	1	$58,200	
Convector/Radiator	40%			2035	* *	1	$33,800	
Unit Heater - Steam	20%			2025	$297,000	4	$7,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$310,300			
Window/Wall Unit	20%			2025	$198,000	1		
No Component	75%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2030	$99,700	1	$4,200	
No Component	95%							
Heat Rejection								
Dry Cooler	5%			2030	$15,000	2	$9,100	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$23,000	LIFE	* *	2-5	$14,600	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$131,100	
Exhaust Fans								
Interior	50%			2025	$579,500	2	$4,000	
Roof	50%			2030	$253,500	2	$4,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Condensing Boiler With 175 Gallon Storage Tank								
HW Heat Exchanger								
Steam Fired	100%			2030	$1,263,600	4	$25,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Available But Not In Use.								

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DEPARTMENT OF EDUCATION - 040
AVIATION H.S. - Q
Asset # : 1457

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	0-2	$6,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Water Backs Up In 1st Floor When It Rains.								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,600	2030	$52,300	4	$5,500	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Single, One Duplex Pump								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 6th Floor								
Explanation : One Unit								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground To 1st Floor								
Explanation : One Unit								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 14 Escalators / Each Serves 1 Level From 1st To 6th Floor; 2 Levels Awaiting Parts For Repair								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$131,800	
Sprinkler								
No Component	70%							
Generic	30%			2040	* *	1-2	$22,000	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **B'ABOVE CHILD CARE CENTER**		
Address	: **1810 DAVIDSON AVENUE BTWN: WEST 176 ST., WEST 177 S**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **ACS0005.000 / 13415**	**Yr Built/Renovated**	: **1997 / 2010**
Area Sq Ft	: **17,761**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2861** **Lot** : **129**	**BIN**	: **2109470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$208,100
Electrical		$264,800
Mechanical	$234,000	$407,700
Total	**$234,000**	**$880,600**
Importance Code A		$208,100
Importance Code B	$234,000	$672,500
Total	**$234,000**	**$880,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$81,500		$3,100	
Interior Architecture	$75,400		$2,000	$5,400
Electrical	$55,000	$1,700	$1,900	$2,000
Mechanical	$37,400	$1,500	$8,700	$1,400
Site Pavements	$4,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$258,200**	**$7,100**	**$19,600**	**$12,700**
Importance Code A	$82,400	$900	$3,900	$900
Importance Code B	$136,700	$6,300	$15,700	$10,800
Importance Code C	$39,100			$1,000
Total	**$258,200**	**$7,100**	**$19,600**	**$12,700**

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DEPARTMENT OF EDUCATION - 040
B'ABOVE CHILD CARE CENTER
Asset # : 13415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$8,900	
Glass Block	2%			LIFE	* *	5	$700	
Masonry: Brick Cavity	10%	4+	$5,000	LIFE	* *	5	$2,800	
Graffiti, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick Cavity	80%			LIFE	* *	5	$45,500	
Metal Panel	3%	4+	$2,800	2053	* *	5	$1,600	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Rear Elevation								
Explanation : Graffiti								
Window Wall	3%			2053	* *	5	$3,200	
Windows								
Aluminum	100%			2049	* *	5	$3,700	
Parapets								
Masonry: Brick Cavity	82%			LIFE	* *	5-10	$20,100	
Metal Panel	3%			2043	* *	5	$400	
Metal Rail	5%			2046	* *	5-10	$3,200	
Pre-Cast Concrete	10%	4+	$600	LIFE	* *	5	$2,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping Stones Throughout								
Roof								
Built-Up (BUR)	40%	4+	$11,700	2033	$117,400			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Over Second Floor And Partial First Floor								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	25%	4+	$4,600	2038	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : Pitched Roofs Throughout								
Modified Bitumen	33%			2033	$90,700	10	$8,300	
Single Ply Membrane	2%	Now	$10,300	2043	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 15%								
Location : Over Main Stair								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Over Main Stair								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Over Main Stair								
Explanation : Temporary Roof Membrane								
Soffits								
Stucco Cement	100%			2046	* *	5	$2,200	
Interior								

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DEPARTMENT OF EDUCATION - 040
B'ABOVE CHILD CARE CENTER
Asset # : 13415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2029	$47,100	3	$5,300	
Cast in Place Concrete	5%			LIFE	* *	5	$5,800	
Ceramic Tile	5%			2042	* *	5	$1,300	
Quarry Tile	10%			2046	* *	5	$4,000	
Vinyl Tile	70%	4+	$25,800	2038	* *	3	$7,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement Corridor								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 1st Floor Classroom. South Of Main Stair								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$2,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,300	
Gypsum Board	82%			LIFE	* *	5-10	$57,500	
Metal: Cage/Fence	3%			LIFE	* *	10	$200	
Ceilings								
AcousTileConcealSpLn	15%			2038	* *	5	$5,000	
AcousTileSusp.Lay-In	72%			2038	* *	5	$19,200	
Exposed Struc: Steel	3%			LIFE	* *	10	$1,600	
Gypsum Board	10%	0-2	$4,700	LIFE	* *	5	$3,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Landing Between Floors 1 Through 2								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2053	* *			
Iron Picket	70%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	70%			2053	* *			
Masonry: Brick	30%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,900	2046	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Adjacent To Front Entrance By Tree								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Adjacent To Front Entrance By Tree								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Pavers/Stone	30%			2042	* *			
Rubber Matting	70%			2038	* *			

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DEPARTMENT OF EDUCATION - 040
B'ABOVE CHILD CARE CENTER
Asset # : 13415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2043	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings On The Service Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$500	
Raceway								
Conduit	100%	4+	$5,100	2043	* *	1		
Covers Missing, Extent : Light, Area Affected : 100%								
Location : Throughout								
Panelboards								
Fused Disc Sw	5%			2041	* *	5		
Molded Case Bkrs	95%			2041	* *	5	$400	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Corroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	60%			2033	$158,900	10	$9,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Fluorescent	10%			2033	$26,500	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	30%	Now	$39,700	2033	$79,400			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2033	$14,900	10	$2,100	
Exit, Battery	50%			2033	$12,600	10	$600	

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DEPARTMENT OF EDUCATION - 040
B'ABOVE CHILD CARE CENTER
Asset # : 13415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	10%	2-4	$7,100	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Exterior								
HID	10%	Now	$800	2033	$8,300			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Switch								
No Component	80%							
Alarm								
Security System								
Generic	50%			2041	* *	1	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Generic	50%			2028	$16,700	1	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Manual Door Lock Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$45,800	1-3	$11,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	60%			2028	$33,200	1	$5,300	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Roof								
Explanation : 6 Roof Mounted Units								
Hot Water Boiler	40%			2050	* *	1	$3,500	
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : Basement. New Boiler								
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	40%			2041	* *	4	$500	
No Component	60%							
Terminal Devices								
Convector/Radiator	40%			2031	$58,100	1	$2,300	
No Component	60%							
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040
B'ABOVE CHILD CARE CENTER
Asset # : 13415

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	0-2	$29,800	2028	$298,400	2	$900	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Unit No. 2 Blower Motor Is Not Working								
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Unit No. 4 Is Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$28,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$234,000	LIFE	* *	2-5	$9,900	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Other Observation, Extent : Severe, Area Affected : 7%								
Location : Throughout								
Explanation : Insulation Damage								
Exhaust Fans								
Roof	100%			2028	$34,500	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 150 Gallons For Building And 75 Gallons For Kitchen								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2028	$9,300	4	$1,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : One Unit								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040
B'ABOVE CHILD CARE CENTER
Asset # : 13415

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2043	* *	1-2	$1,500	
Chemical System								
No Component	99%							
Generic	1%			2028	$700	1-3	$700	
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Kitchen							
	Explanation : 18 Square Feet Fire Suppression System							

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BATHGATE HIGH SCHOOL X970 (X252, X241, X263)**				
Address	: **1595 BATHGATE AVENUE @ E.172 ST.**				
Borough	: **BRONX**		**Agency's Number**	: **LEASED**	
Program / Asset #	: **BOE1058.000 / 14353**		**Yr Built/Renovated**	: **2006 /**	
Area Sq Ft	: **138,452**		**Project Type**	: **EDUCATION**	
Date of Survey	: **21-Apr-2022**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2**				
Block	: **2913**	**Lot** : **1**	**BIN**	: **2009555**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$531,600	$2,806,600
Interior Architecture	$307,800	$201,800
Electrical		$2,906,000
Mechanical	$442,000	$2,916,200
Site Pavements	$100,500	
Total	**$1,382,000**	**$8,830,500**
Importance Code A	$531,600	$3,215,700
Importance Code B	$702,600	$5,534,300
Importance Code C	$147,700	$80,600
Total	**$1,382,000**	**$8,830,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,000		$43,800	
Interior Architecture	$109,700		$24,100	$9,500
Electrical	$63,800	$22,500	$25,300	$25,100
Mechanical	$118,800	$24,500	$77,000	$18,000
Site Enclosure	$11,300			
Site Pavements	$5,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$331,400**	**$54,900**	**$178,200**	**$60,500**
Importance Code A	$21,100	$6,500	$50,900	$6,500
Importance Code B	$272,100	$48,400	$127,200	$48,700
Importance Code C	$38,200			$5,300
Total	**$331,400**	**$54,900**	**$178,200**	**$60,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BATHGATE HIGH SCHOOL X970 (X252, X241, X263)
Asset # : 14353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	$107,200	
Metal/Glass Curt Wall	15%			LIFE	* *	5	$100,500	
Metal Panel	45%			2053	* *	5-10	$552,900	
Metal Panel	10%			2053	* *	5-10	$122,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mounted On Roof								
Explanation : These Are Acoustical Site Barriers Made With Insulated Rectangular Metal Panels And Louvers								
Windows								
Aluminum	98%			2049	* *	5	$27,900	
Metal Louvers	2%			2042	* *	10	$3,600	
Parapets								
Concrete Masonry Unit	75%			LIFE	* *	5-10	$65,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Exterior Side Covered With Metal Panels. Interior Side Covered By Roofing Material								
Metal Rail	25%			2046	* *	5-10	$72,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mounted On Parapet Walls								
Explanation : Parapet Rail Is Stainless Steel								
Roof								
Modified Bitumen	95%	4+	$101,300	2033	$2,026,900			
Alligatoring, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Ponding, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor								
Skylight, Metal/Glass	5%	Now	$274,200	2053	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Last Skylight At South Side Of Roof								
Soffits								
Metal Panel	100%			2053	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BATHGATE HIGH SCHOOL X970 (X252, X241, X263)
Asset # : 14353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2032	$73,300	3	$6,200	
Cast in Place Concrete	5%			LIFE	* *	5	$45,300	
Ceramic Tile	4%			2042	* *	5	$8,300	
Quarry Tile	2%			2046	* *	5	$6,200	
Terrazzo	10%			LIFE	* *	5	$32,400	
Traffic Topping	4%			2038	* *	5	$10,400	
Vinyl Tile	73%			2038	* *	3	$56,700	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *	10	$10,700	
Ceramic Tile	5%			2042	* *	5	$10,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$17,100	
Glass: Single Pane	4%			LIFE	* *	5	$12,800	
Gypsum Board	63%			LIFE	* *	5-10	$228,300	
Masonry: Brick	2%			LIFE	* *	10	$1,300	
Metal Panel	10%			LIFE	* *	10	$9,600	
Operable Wall	2%			2053	* *	5	$14,900	
Granite Panels	2%			LIFE	* *	10	$1,700	
Ceilings								
AcousTileSusp.Lay-In	67%			2046	* *	5	$138,800	
Exposed Struc: Concrete	3%			LIFE	* *	5-10	$7,800	
Gypsum Board	20%			LIFE	* *	5-10	$142,500	
Metal Panel	10%			LIFE	* *	5	$51,800	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	15%			2068	* *			
Iron Picket	85%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Northeast Courtyard								
Explanation : Generator Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	$11,300	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Northeast Courtyard By Generator								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Northeast Courtyard By Generator								
Explanation : Efflorescence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$100,500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations On South, East And West Sidewalks								
On-Site Walkways								
Cast in Place Concrete	10%			2038	* *			
Pavers/Stone	90%			2042	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BATHGATE HIGH SCHOOL X970 (X252, X241, X263)
Asset # : 14353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Asphalt	100%	4+	$5,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basketball Court								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 117								
Explanation : Two Main Service Switches Rated At 1,200 And 4,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2049	* *	5	$500	
Molded Case Bkrs	85%			2049	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$700	
Variable Frequency Drive	30%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$42,600	
Generators								
Diesel	100%			2042	* *	1	$53,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Enclosure On The Northern Side Of The Building								
Explanation : Rated At 288 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$5,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
BATHGATE HIGH SCHOOL X970 (X252, X241, X263)
Asset # : 14353

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Enclosure								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	50%			2033	$1,031,900	10	$63,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	30%			2033	$619,200	10	$38,100	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2033	$412,800	10	$25,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2033	$42,600	1		
Exit, Battery	50%			2033	$98,100	10	$4,700	
Exterior Lighting								
HID	10%	Now	$32,300	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Building Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$259,900	1	$51,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$357,100	1-3	$87,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Horns, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
BATHGATE HIGH SCHOOL X970 (X252, X241, X263)
Asset # : 14353

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2053	* *	1		
Natural Gas	95%			2053	* *	1		
Conversion Equipment								
Furnace	95%			2033	$409,200	1	$65,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 13 Rooftop Units, Heating And Cooling Units								
Radiant Heater	5%			2038	* *	2	$3,200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Library								
Explanation : 2 Electric Units								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%	0-2	$442,000	2033	$2,209,800	2	$6,400	
Broken, Extent : Moderate, Area Affected : 25%								
Location : Various. 25 Percent Of Compressors Are Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 13 Rooftop Units Using R-22 Refrigerant								
Split Unit	5%			2033	$164,400			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$225,200	
Ventilation								
Distribution								
Ductwork/Diffusers	98%			LIFE	* *	2-5	$119,800	
Ductwork/Diffusers	2%	Now	$12,200	LIFE	* *	2-5	$1,500	
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof Laboratory Exhaust Duct								
Exhaust Fans								
Roof	98%			2038	* *	2	$4,200	
Roof	2%	Now	$500	2038	* *	2	$100	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Roof Mounting For Laboratory Exhaust								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Water Heater Mechanical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BATHGATE HIGH SCHOOL X970 (X252, X241, X263)
Asset # : 14353

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Heater Room								
Explanation : Two 120 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pump Room								
Explanation : Duplex								
Backflow Preventer								
Generic	100%			2038	* *	1	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
Explanation : 2 Devices								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$38,800	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M**
Address : **351 W. 18 ST BTWN: 8 AVE. AND 9 AVE.**
Borough : **MANHATTAN** **Agency's Number** : **M440**
Program / Asset # : **BOE0123.000 / 1645** **Yr Built/Renovated** : **1931 / 2010**
Area Sq Ft : **265,000** **Project Type** : **EDUCATION**
Date of Survey : **06-Nov-2018** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,4,6,7,8**
Block : **742** **Lot** : **7** **BIN** : **1013096**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$335,100	$468,000
Interior Architecture	$750,000	$2,300,000
Electrical	$635,100	$2,134,200
Mechanical	$4,701,600	$6,495,800
Total	**$6,421,900**	**$11,398,000**
Importance Code A	$543,000	$545,100
Importance Code B	$5,362,100	$9,024,600
Importance Code C	$516,800	$1,828,300
Total	**$6,421,900**	**$11,398,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$5,100	
Interior Architecture	$82,800	$49,200	$13,600	
Electrical	$9,700	$40,100	$9,100	$6,900
Mechanical	$93,100	$88,500	$71,700	$49,700
Elevators/Escalators	$31,600	$31,600	$31,600	$31,600
Total	**$217,100**	**$209,300**	**$131,000**	**$88,200**
Importance Code A	$18,400	$26,800	$31,300	$26,200
Importance Code B	$163,600	$182,500	$99,700	$62,000
Importance Code C	$35,200			
Total	**$217,100**	**$209,300**	**$131,000**	**$88,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M

Asset # : 1645

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$103,200	
Masonry: Brick	75%			LIFE	* *	5	$154,800	
Masonry: Limestone	15%			LIFE	* *	5	$23,200	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Main Facade								
Windows								
Aluminum	97%	Now	$251,800	2046	* *	5	$13,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Steel	3%			2046	* *	5	$10,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance								
Explanation : Stained Glass								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$23,300	
Sidewalk Shed Below, Extent : Light, Area Affected : 30%								
Location : 18th Street At Entrance								
Masonry: Limestone	20%			LIFE	* *	5	$9,800	
Metal Rail	20%			2043	* *	5-10	$140,600	
Roof								
Copper/Terne	25%			2058	* *	10	$69,500	
Modified Bitumen	75%			2035	* *	10	$83,400	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$175,700	
Ceramic Tile	5%			2039	* *	5	$20,100	
Mosaic Tile	5%			2035	* *	5	$50,200	
Sheet Vinyl/Rubber	8%			2035	* *	5	$48,200	
Terrazzo	5%	4+	$37,500	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : First Floor Corridor								
Vinyl Tile	27%			2035	* *	3	$40,700	
Wood	30%			2045	* *	5	$225,900	
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M

Asset # : 1645

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$405,300	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Sub-basement At Pool Walls								
Ceramic Tile	6%	Now	$35,200	2033	$1,759,500	5	$16,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Pool								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Pool								
Concrete Masonry Unit	10%			LIFE	* *	5	$21,300	
Gypsum Board	5%			LIFE	* *	5	$16,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	43%	Now	$111,500	LIFE	* *	5	$68,800	
Worn/Eroded, Extent : Moderate, Area Affected : 2%								
Location : Rooms 104-106								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Rooms 104-106								
Explanation : Historical Painted Plaster Artwork Requires Restoration								
SGFT/Glazed Masonry	16%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$40,200	
AcousTileSusp.Lay-In	7%			2043	* *	5	$28,100	
Exposed Struc: Concrete	10%	Now	$120,300	LIFE	* *	5	$6,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 8%								
Location : Basement Beams - 19th Street Sidewalk Vault And At Water Main Leak								
Exposed Reinforcement, Extent : Severe, Area Affected : 8%								
Location : Basement Beams - 19th Street Sidewalk Vault And At Water Main Leak								
Plaster	68%			LIFE	* *	5	$170,600	
Plaster	5%			LIFE	* *	5	$12,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Lobby								
Explanation : Decorative Moulding								
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M

Asset # : 1645

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2030	$77,100	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches Rated At 2,000 Amperes Each								
Fused Disc Sw	25%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$520,200	5	$900	
Fused Disc Sw	20%			2050	* *	5	$200	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$31,900	5	$300	
Molded Case Bkrs	75%			2029	$479,000	5	$5,200	
Molded Case Bkrs	20%			2046	* *	5	$1,400	
Wiring								
Braided Cloth	30%	2-4	$269,500	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2030	$449,200	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	65%			2028	$235,900	5	$1,200	
Locally Mounted	35%			2043	* *	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Metal Water Pipe - Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$218,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	4%			2030	$125,500	10	$300	
Incandescent	1%			2025	$73,400	2	$100	
LED	5%	0-2	$73,400	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Explanation : Lights Flicker And Malfunction								

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DEPARTMENT OF EDUCATION - 040

BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M

Asset # : 1645

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$32,000	
Exit, LED	10%			2058	* *	1		
Exit, Service	40%			2030	$45,700	1		
Exterior Lighting								
HID	20%			2030	$247,300	10	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Not Functional								
No Component	80%							
Alarm								
Security System								
No Component	75%							
Generic	25%			2035	* *	1	$24,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$49,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Caffeteria, Basement								
Explanation : Smoke Detectors, Manual Pull Stations, Horns, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$608,100	2060	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Tank Is Corroded Heavily And Potentially May Leak								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Vault								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank For No 2 Fuel								

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DEPARTMENT OF EDUCATION - 040

BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M

Asset # : 1645

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	30%	Now	$207,900	2043	* *	1	$70,900	
Repairs In Progress, Extent : N/A, Area Affected : 30%								
Location : Boiler 3 Being Retubed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three Boilers								
Steam Boiler	70%			2035	* *	1	$183,700	
Recent Repair Evident, Extent : N/A, Area Affected : 60%								
Location : Boilers 1 And 2								
Distribution								
Steam Piping/Pump	100%	Now	$42,400	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Pool And Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Terminal Devices								
Air Handler	45%	Now	$112,200	2025	$2,244,100	1	$66,400	
Broken, Extent : Severe, Area Affected : 10%								
Location : 8th Floor And Basement Fan Rooms								
On Extended Life, Extent : Severe, Area Affected : 45%								
Location : Various Locations								
Convector/Radiator	35%			2028	$758,400	1	$30,000	
Fan Coil Unit/Heat	20%			2030	$1,314,100	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : R-410a Refrigerant								
Window/Wall Unit	60%			2028	$602,300	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$147,800	

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DEPARTMENT OF EDUCATION - 040

BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M

Asset # : 1645

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	Now	$117,500	2025	$1,175,300	2	$6,500	
Broken, Extent : Severe, Area Affected : 5%								
Location : General Exhaust Fans								
Noisy/Vibrating, Extent : Severe, Area Affected : 20%								
Location : 8th Floor And Rooftop Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Explanation : Hood Fan Undersized								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2040	* *	1		
Galvanized Steel	60%	Now	$101,500	2028	$2,029,800	1		
Corroded, Extent : Severe, Area Affected : 40%								
Location : Water Main, Piping, House Tank In Rooftop Mechanical Room And Surge Tank In Basement								
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : 9th Floor								
Explanation : Exposed House Water Tanks								
Water Heater With Tanks								
Gas Fired	100%			2025	$68,300	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units, One 1,500 Gallon, One 400 Gallon								
Sanitary Piping								
Cast Iron	100%	Now	$66,800	LIFE	* *	1		
Damaged, Extent : Severe, Area Affected : 10%								
Location : Kitchen Grease Traps								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	80%			2025	$42,400	4	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Submersible	20%			2024	$1,600	4	$1,700	
Pool Filter/Treatment								
Sand	100%			2043	* *	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2030	$138,800	4	$10,500	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M

Asset # : 1645

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Basement To 7th Floor, Two Units From 1st To 7th Floor								
Explanation : Four Units.								
Fire Suppression								
Standpipe								
Generic	100%	Now	$24,400	2030	$1,220,200	1-5	$94,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Explanation : Valve Handles For Stand Pipe Valves Have Been Removed / Some Valve Boxes Damaged								
Sprinkler								
No Component	90%							
Generic	10%			2030	$366,500	1-2	$7,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BAYSIDE HIGH SCHOOL - Q**		
Address	: **32-24 CORPORAL KENNEDY STREET @32 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q405**
Program / Asset #	: **BOE0869.000 / 1491**	**Yr Built/Renovated**	: **1936 / 2014**
Area Sq Ft	: **260,736**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6044** **Lot** : **1**	**BIN**	: **4134578**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,065,200	$618,600
Interior Architecture	$887,600	$4,190,400
Electrical	$470,500	$2,629,100
Mechanical	$5,083,700	$449,700
Total	**$7,507,000**	**$7,887,700**
Importance Code A	$1,065,200	$690,500
Importance Code B	$6,441,800	$7,135,000
Importance Code C		$62,200
Total	**$7,507,000**	**$7,887,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$9,800		$11,700
Interior Architecture	$5,200	$54,200	$17,100	
Electrical	$19,000	$23,300	$19,900	$18,600
Mechanical	$50,300	$71,700	$71,800	$78,700
Site Enclosure	$6,700			
Site Pavements	$55,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$140,800**	**$163,000**	**$112,700**	**$112,900**
Importance Code A	$25,200	$35,000	$25,200	$37,300
Importance Code B	$81,000	$115,300	$87,500	$75,600
Importance Code C	$34,600	$12,800		
Total	**$140,800**	**$163,000**	**$112,700**	**$112,900**

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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q
Asset # : 1491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$210,100	
Masonry: Brick	85%	Now	$376,400	LIFE	* *	5	$228,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Music Room								
Masonry: Limestone	5%			LIFE	* *	5	$10,100	
Windows								
Aluminum	19%	Now	$285,400	2048	* *	5	$15,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 25%								
Location : Throughout								
Aluminum	79%			2048	* *	5	$124,500	
Glass Block	1%			LIFE	* *	5	$1,000	
Metal Louvers	1%			2035	* *	10	$9,800	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$35,300	
Pre-Cast Concrete	20%			LIFE	* *	5	$55,500	
Roof								
Copper/Terne	2%			2067	* *	10	$11,700	
Modified Bitumen	93%	4+	$238,600	2040	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Skylight, Metal/Glass	5%	Now	$164,900	2042	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Pool Skylight								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$42,700	
Mosaic Tile	5%			2045	* *	5	$48,800	
Quarry Tile	5%			2045	* *	5	$29,300	
Terrazzo	10%	0-2	$73,000	LIFE	* *	5	$30,500	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Lobby								
Vinyl Tile	35%			2032	$3,773,300	3	$51,200	
Vinyl Tile	5%			2037	* *	3	$7,300	
Wood	35%	2-4	$814,700	2047	* *	5	$128,100	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms Throughout								
Interior Walls								
Ceramic Tile	8%			2035	* *	5	$25,500	
Glass: Single Pane	5%			LIFE	* *	5	$12,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$62,200	
SGFT/Glazed Masonry	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q
Asset # : 1491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	5%			LIFE	* *	5	$3,000	
Metal Panel	2%	2-4	$5,200	LIFE	* *	5	$9,800	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	93%			LIFE	* *	5	$226,800	
Site Enclosure								
Fence/Gates								
Chain Link	30%	4+	$6,700	2052	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Iron Picket	70%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Yard								
Explanation : Handball Court								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	90%	Now	$7,900	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Lot								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%	Now	$20,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot And Driveway								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Activity Yard								
Asphalt	100%	Now	$27,800	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Handball Court								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q
Asset # : 1491

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2032	$71,900	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Disconnect Switch Rated At 4000 Amperes.								
Fused Disc Sw	30%			2058	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Service Disconnect Switch Rated At 1600 Amperes Serving The Solar Panels								
Transformers								
Dry Type	100%			2049	* *	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : 500 Kilovolt Amperes, 480 Volts Primary, 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	85%			2032	$552,700	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Seven Vertical Sections								
Fused Disc Sw	15%			2058	* *	5	$200	
Raceway								
Conduit	70%			2032	$472,000	1		
Conduit	30%			2058	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$63,900	5	$600	
Molded Case Bkrs	60%			2031	$383,200	5	$4,100	
Molded Case Bkrs	30%			2054	* *	5	$2,100	
Wiring								
Thermoplastic	70%			2032	$628,900	1		
Thermoplastic	30%			2058	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	$181,400	5	$900	
Locally Mounted	50%			2045	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$227,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, Auditorium								
Explanation : LED Lights								

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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q
Asset # : 1491

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2032	$218,800	10	$31,500	
Exit, Service	50%			2032	$56,200	1		
Exterior Lighting								
HID	20%			2027	$243,300	10	$200	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$29,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$160,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Strobe Lights, Manual Pull Stations, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	95%			2042	* *	5	$76,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 15000 Gallon Each								
Natural Gas	5%			2042	* *	1		
Conversion Equipment								
Furnace	5%			2037	* *	1	$6,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Swimming Pool Roof								
Explanation : 1 Package Unit								
Steam Boiler	95%			2037	* *	1	$245,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	90%			2042	* *			
Steam Piping/Pump	10%	0-2	$10,400	2042	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								

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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q
Asset # : 1491

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2027	$1,962,700	1	$64,500	
Convector/Radiator	40%			2037	* *	1	$33,700	
Fan Coil Unit/Heat	20%	0-2	$64,600	2027	$1,292,900	1	$15,200	
Not in Service, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	5%			2037	* *	2	$800	
Window/Wall Unit	60%			2027	$592,700	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$145,400	
Exhaust Fans								
Interior	90%			2027	$1,040,800	2	$7,200	
Roof	10%			2027	$50,600	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2042	* *	1		
Galvanized Steel	10%			2030	$332,900	1		
Water Heater With Tanks								
Gas Fired	10%			2030	$1,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Pump House								
Explanation : 1 Unit For Swimming Pool								
Oil Fired	90%			2027	$79,500	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Steam Boiler								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$25,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$52,200	4	$8,300	
Pool Filter/Treatment								
Sand	100%			2037	* *	4	$96,900	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q
Asset # : 1491

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2042	* *	1-2	$14,600	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **BAYSIDE HIGH SCHOOL - Q FIELDHOUSE**
Address : **206 ST AND 32 AVE BAYSIDE**
Borough : **QUEENS**
Agency's Number : **Q405**
Program / Asset # : **BOE0869.010 / 14283**
Yr Built/Renovated : **1936 /**
Area Sq Ft : **5,500**
Project Type : **EDUCATION**
Date of Survey : **23-Oct-2020**
Landmark Status : **NONE**
Areas Surveyed : **Floors 1**
Block : **6044** **Lot** : **1** **BIN** : **4458679**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$328,500	
Electrical		$35,800
Site Pavements	$347,400	
Total	**$675,900**	**$35,800**
Importance Code A	$328,500	
Importance Code B	$347,400	$35,800
Total	**$675,900**	**$35,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$1,200
Interior Architecture	$36,600	$1,500	$1,000	
Electrical	$400	$300	$400	$14,600
Mechanical	$13,100	$400	$700	$75,100
Site Enclosure	$28,800			
Site Pavements	$47,400			
Total	**$126,200**	**$2,300**	**$2,000**	**$90,900**
Importance Code A	$12,000	$300	$200	$44,500
Importance Code B	$61,600	$1,900	$800	$46,400
Importance Code C	$52,600		$1,000	
Total	**$126,200**	**$2,300**	**$2,000**	**$90,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q FIELDHOUSE
Asset # : 14283

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$14,600	
Metal Coiling Doors	5%			2052	* *	5	$2,400	
Windows								
Steel	100%	Now	$58,200	2057	* *	5	$8,100	1
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Roof								
Modified Bitumen	100%	Now	$270,300	2042	* *			
Blisters, Extent : Severe, Area Affected : 80%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Building Central Spine								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	$24,000	
Mosaic Tile	10%			2045	* *	5	$3,100	
Interior Walls								
Ceramic Tile	10%			2041	* *	5	$1,900	
Concrete Masonry Unit	90%			LIFE	* *	5	$7,000	
Ceilings								
Exposed Struc: Concrete	100%	Now	$36,600	LIFE	* *	5	$1,900	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Building Central Spine								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Building Central Spine								
Site Enclosure								
Fence/Gates								
Chain Link	99%	4+	$28,800	2052	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Bleachers								
Iron Picket	1%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Field								
Explanation : Handball Court								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q FIELDHOUSE
Asset # : 14283

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$23,800	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bleachers								
Activity Yard								
Asphalt	10%	Now	$23,500	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basketball And Handball Court								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Basketball Court								
Rubber Matting	25%	Now	$347,400	2042	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Running Track								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Running Track								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Running Track								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Running Track								
Explanation : Rubber Running Track								
Rubber Matting	65%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Football Field And Baseball Field								
Explanation : Astro Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage								
Explanation : No Available Nameplate Rating Capacity								
Raceway								
Conduit	80%			2032	$13,000	1		
Conduit	20%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$3,000	5		
Molded Case Bkrs	60%			2031	$18,000	5	$100	
Molded Case Bkrs	30%			2040	* *	5		
Wiring								
Thermoplastic	80%			2032	$17,200	1		
Thermoplastic	20%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q FIELDHOUSE
Asset # : 14283

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2037	* *	5		
Locally Mounted	50%			2030	$35,800	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$700	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	15%			2040	* *			
No Component	85%							
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2027	$14,200	1-3	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2042	* *	1		
Conversion Equipment								
Furnace	70%	0-2	$12,000	2042	* *	1	$1,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Utility Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Extended Life Time Unit.								
Radiant Heater	30%			2027	$42,900	2	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,100	
Ventilation								
Exhaust Fans								
Interior	60%			2027	$14,600	2	$100	
Roof	10%			2032	$1,100	2		
No Component	30%							

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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q FIELDHOUSE
Asset # : 14283

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%	Now	$1,100	2030	$21,100	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Hot Water Valve And Piping, Utility Room								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Hot Water Valve, Utility Room								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Utility Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2037	* *	1	$300	
Fixtures								
Generic	100%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **BEACH CHANNEL HIGH SCHOOL - Q**
Address : **100-00 BEACH CHANNEL DRIVE**
Borough : **QUEENS**
Program / Asset # : **BOE0870.000 / 1492**
Area Sq Ft : **440,732**
Date of Survey : **15-Feb-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **16167** **Lot** : **99**
Agency's Number : **Q410**
Yr Built/Renovated : **1973 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4303773**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$6,614,200	$368,200
Interior Architecture	$9,544,400	$13,119,100
Electrical		$6,500,600
Mechanical	$2,207,300	$4,262,300
Site Pavements	$371,800	
Total	**$18,737,700**	**$24,250,200**
Importance Code A	$6,614,200	$491,600
Importance Code B	$3,580,300	$23,584,300
Importance Code C	$8,543,200	$174,300
Total	**$18,737,700**	**$24,250,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,100			
Interior Architecture	$162,000		$9,900	$80,000
Electrical	$106,300	$71,800	$76,400	$87,200
Mechanical	$168,700	$84,800	$121,100	$111,500
Site Enclosure	$13,700			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$496,600**	**$168,400**	**$219,300**	**$290,600**
Importance Code A	$92,600	$43,600	$43,600	$43,600
Importance Code B	$358,500	$124,800	$175,600	$220,500
Importance Code C	$45,400			$26,400
Total	**$496,600**	**$168,400**	**$219,300**	**$290,600**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q
Asset # : 1492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$736,500	
Windows								
Aluminum	98%	4+	$82,100	2041	* *	5	$43,100	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Classrooms								
Caulking Deteriorated, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Metal Louvers	2%			2042	* *	10	$11,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$333,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$68,200	
Roof								
Metal, Corrugated	10%			2046	* *	1		
Modified Bitumen	90%	Now	$5,879,000	2043	* *			
Blisters, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Expansion Joint Failure, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Corridors And Classrooms								
Soffits								
Cast in Place Concrete	10%			LIFE	* *	5		
Stucco Cement	90%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$144,300	
Ceramic Tile	5%	4+	$37,200	2042	* *	5	$16,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : B253b								
Panel/Paver: Cer/Brk	5%			2049	* *	5	$74,200	
Quarry Tile	2%			2046	* *	5	$19,800	
Terrazzo	3%			LIFE	* *	5	$30,900	
Vinyl Tile	65%	4+	$592,300	2033	$11,845,200	3	$160,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%	Now	$196,700	2061	* *	5	$30,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Stage								
Wood	10%			2048	* *	5	$123,700	

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DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q
Asset # : 1492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$52,800	
Concrete Masonry Unit	15%	0-2	$1,489,500	LIFE	* *	5	$63,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	2%	Now	$2,925,900	2058	* *	5	$26,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Gymnasium D, E, F, G And Lunchroom								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium D, E, F, G And Lunchroom								
Glass: Single Pane	1%			LIFE	* *	5	$15,800	
Masonry: Brick	7%	2-4	$704,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	10	$23,800	
Plaster	35%			LIFE	* *	5-10	$314,300	
SGFT/Glazed Masonry	30%	0-2	$2,848,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Corridors								
Ceilings								
AcousTile,Adhered	15%	Now	$151,900	2038	* *	5	$47,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Near Pool Entrance								
AcousTileConcealSpLn	20%	Now	$40,500	2038	* *	5	$78,700	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *	10	$62,900	
Fiber Board	5%			2033	$490,800			
Metal Panel	30%	4+	$125,000	LIFE	* *	5	$236,000	
Bent/Warped Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Plaster	25%			LIFE	* *	5-10	$270,400	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%	4+	$13,700	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Beach Channel Drive Near Entrances								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			

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DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q
Asset # : 1492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	85%	4+	$221,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Ramp On Beach Channel Drive								
Pavers/Stone	15%	2-4	$62,300	2042	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Edge								
Parking/Driveway								
Asphalt	100%	4+	$88,200	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2033	$123,300	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 4,000 Ampere Disconnect Switches								
Photovoltaic Panel(s)	20%			2042	* *	1		
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$975,300	5	$1,900	
Raceway								
Conduit	90%			2033	$910,300	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	8%			2032	$78,200	5	$800	
Fused Disc Sw	2%			2049	* *	5	$200	
Molded Case Bkrs	75%			2032	$733,500	5	$8,700	
Molded Case Bkrs	15%			2049	* *	5	$1,700	
Wiring								
Thermoplastic	90%			2033	$1,213,000	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$435,500	5	$2,400	
Locally Mounted	20%			2046	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$13,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$135,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q
Asset # : 1492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Natural Gas	100%			2042	* *	1	$170,700	
Batteries								
Lead/Acid	100%			2027	$2,500	5	$16,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$388,100	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Service	40%			2038	* *	1		
Emergency, Battery	10%			2028	$74,000	10	$10,600	
Exit, Service	10%			2028	$19,000	1		
Exit, Service	40%			2038	* *	1		
Exterior Lighting								
HID	20%			2038	* *	10	$300	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$6,300	
Alarm								
Security System								
Generic	50%			2038	* *	1	$82,300	
Other Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside Explanation : CCTV Cameras								
Generic	50%			2028	$413,700	1	$82,300	
Other Observation, Extent : Light, Area Affected : 100% Location : Hallways, Gymnasium, Cafeteria And Exit Doors Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$1,136,800	1-3	$279,800	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : Strobe Lights, Horns, Alarm Bell, Smoke Detectors, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q
Asset # : 1492

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	90%			2046	* *	1	$392,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								
Steam Boiler	10%	0-2	$19,200	2046	* *	1	$39,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers Needs Refractory Work								
Distribution								
Steam Piping/Pump	100%	0-2	$1,764,700	2053	* *			
Broken, Extent : Moderate, Area Affected : 20%								
Location : Two Condensate Pump Broken								
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Damaged Feed Water Valve								
Terminal Devices								
Air Handler	20%	0-2	$82,900	2033	$1,658,800	1	$49,100	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Tow Coils Of Auditorium Blower Are Broken								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria Blower Is Not Working.								
Convector/Radiator	80%			2038	* *	1	$113,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$523,300			
Window/Wall Unit	30%	0-2	$250,400	2028	$500,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Location. 20 Percent Of Window, Wall Unit Is Not Working								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$389,100	
Exhaust Fans								
Interior	30%	0-2	$29,300	2033	$586,400	2	$3,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Exhaust Fans In E5 Are Not Working								
Roof	10%	Now	$8,600	2033	$85,500	2	$1,100	
Unit Inoperable, Extent : Severe, Area Affected : 20%								
Location : Roof								
Roof	60%			2033	$513,100	2	$8,100	
Plumbing								

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DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q
Asset # : 1492

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2050	* *	1		
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : Water Meter Room								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 500 Gallon Tank								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$43,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$88,200	4	$14,000	
Pool Filter/Treatment								
Sand	100%			2038	* *	4		
Backflow Preventer								
Generic	100%			2038	* *	1	$27,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units From Basement To 3rd Floor, 1 Unit From 1st To 2nd Floor								
Explanation : Two Passenger Units And One Freight Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$222,200	
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$12,300	
Chemical System								
Wet	100%			2028	$81,600	1-3	$92,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **BEACH CHANNEL HIGH SCHOOL - Q BASEBALL FIELDHOUSE**
Address : **100-00 BEACH CHANNEL DRIVE**
Borough : **QUEENS**
Agency's Number : **Q410**
Program / Asset # : **BOE0870.020 / 15448**
Yr Built/Renovated : **1973 /**
Area Sq Ft : **4,000**
Project Type : **EDUCATION**
Date of Survey : **08-Jun-2022**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **16167** **Lot** : **99** **BIN** : **4303773**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$59,600
Total		**$59,600**
Importance Code B		$59,600
Total		**$59,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$69,600			
Interior Architecture	$42,900			
Electrical			$100	
Total	**$112,500**		**$100**	
Importance Code A	$69,600			
Importance Code B	$16,200		$100	
Importance Code C	$26,700			
Total	**$112,500**		**$100**	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q BASEBALL FIELDHOUSE
Asset # : 15448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	100%			LIFE	* *	5	$92,700	
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$17,600	
Roof								
Cast in Place Concrete	100%			LIFE	* *	10	$14,500	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$21,600	
Interior Walls								
Cast in Place Concrete	100%			LIFE	* *	10	$26,700	
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5-10	$6,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside Wall Next To The Door								
Explanation : One 100 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$59,600	10	$3,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
HID	20%			2033	$3,700	10		
No Component	80%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

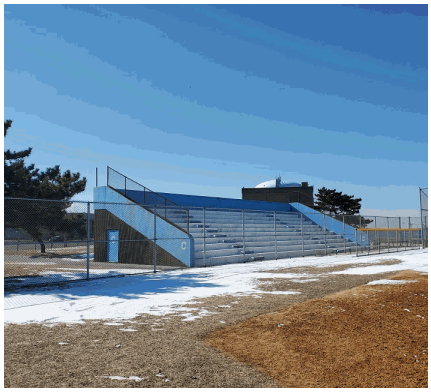
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **BEACH CHANNEL HIGH SCHOOL - Q FOOTBALL FIELDHOUSE**
Address : **100-00 BEACH CHANNEL DRIVE**
Borough : **QUEENS**
Agency's Number : **Q410**
Program / Asset # : **BOE0870.010 / 14269**
Yr Built/Renovated : **1973 /**
Area Sq Ft : **4,000**
Project Type : **EDUCATION**
Date of Survey : **15-Feb-2022**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **16167** **Lot** : **99** **BIN** : **4303773**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$212,900	$228,300
Interior Architecture	$162,000	
Electrical		$182,500
Total	**$374,900**	**$410,800**
Importance Code A	$212,900	$228,300
Importance Code B	$162,000	$182,500
Total	**$374,900**	**$410,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,300			
Interior Architecture	$93,800			
Electrical				$100
Total	**$113,200**			**$100**
Importance Code A	$19,300			
Importance Code B	$46,000			$100
Importance Code C	$47,800			
Total	**$113,200**			**$100**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q FOOTBALL FIELDHOUSE
Asset # : 14269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	100%	4+	$140,100	LIFE	* *	5	$117,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Rear Wall Of Fieldhouse								
Parapets								
Cast in Place Concrete	100%	Now	$19,300	LIFE	* *	5	$111,200	
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Top Of Fieldhouse								
Roof								
Cast in Place Concrete	100%			LIFE	* *	10	$72,700	
Interior								
Floors								
Cast in Place Concrete	100%	0-2	$46,000	LIFE	* *	5	$23,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	100%	0-2	$47,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	100%	0-2	$162,000	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACH CHANNEL HIGH SCHOOL - Q FOOTBALL FIELDHOUSE
Asset # : 14269

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2033	$16,200	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Corroded At Back Wall Ventilation Openings								
Panelboards								
Molded Case Bkrs	100%			2032	$29,900	5	$100	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Incandescent	100%			2033	$110,800	2	$100	
Exterior Lighting								
HID	20%			2028	$3,700	10		
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BEACON HIGH SCHOOL - M**		
Address	: **522 WEST 44TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M912**
Program / Asset #	: **BOE1179.000 / 14925**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **227,580**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,6,7**		
Block	: **1072** **Lot** : **15**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$95,300	$674,500
Interior Architecture	$1,257,900	$2,547,400
Electrical		$185,800
Mechanical	$56,400	$555,100
Total	**$1,409,500**	**$3,962,800**
Importance Code A	$95,300	$674,500
Importance Code B	$723,000	$2,862,800
Importance Code C	$591,200	$425,500
Total	**$1,409,500**	**$3,962,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,800		$21,600	
Interior Architecture	$142,300		$11,100	$85,600
Electrical	$47,600	$37,100	$42,300	$39,500
Mechanical	$222,900	$125,900	$196,900	$97,000
Elevators/Escalators	$13,800	$13,800	$13,800	$13,800
Total	**$450,300**	**$176,800**	**$285,700**	**$235,900**
Importance Code A	$72,100	$11,300	$32,800	$11,300
Importance Code B	$283,000	$165,500	$252,900	$177,400
Importance Code C	$95,200			$47,300
Total	**$450,300**	**$176,800**	**$285,700**	**$235,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACON HIGH SCHOOL - M
Asset # : 14925

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cement - Fiber Panel	95%			2038	* *	10	$674,500	
Granite Panels	5%			LIFE	* *	5	$17,000	
Windows								
Aluminum	100%			2049	* *	5	$30,500	
Parapets								
Metal Panel	10%			2053	* *	5	$7,200	
Stucco Cement	90%			2046	* *	5	$43,100	
Roof								
IRMA/Protected Membrane	100%	Now	$95,300	2038	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium And 7th Floor Corridor								
Interior								
Floors								
Carpet	2%			2032	$120,500	3	$10,200	
Cast in Place Concrete	10%	0-2	$57,900	LIFE	* *	5	$74,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Groundwater Through Basement Floor								
Ceramic Tile	10%			2042	* *	5	$34,100	
Poured Epoxy/Resin	10%			2031	$1,908,300			
Quarry Tile	3%			2046	* *	5	$15,300	
Sheet Vinyl/Rubber	5%			2038	* *	5	$25,500	
Terrazzo	10%			LIFE	* *	5	$53,200	
Vinyl Tile	50%	0-2	$235,300	2038	* *	3	$63,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	0-2	$47,900	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms C09 And C013								
Ceramic Tile	15%			2042	* *	5	$94,600	
Concrete Masonry Unit	10%	0-2	$118,500	LIFE	* *	5	$25,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room C50								
Glass: Single Pane	10%			LIFE	* *	5	$94,600	
Gypsum Board	50%			LIFE	* *	5-10	$535,800	
Operable Wall	5%			2053	* *	5	$110,300	
Wood	5%			LIFE	* *	5	$252,100	

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DEPARTMENT OF EDUCATION - 040
BEACON HIGH SCHOOL - M
Asset # : 14925

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	35%			2046	* *	5	$114,600	
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$102,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Slab Finished With Acoustical Popcorn Covering								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$20,500	
Exposed Struc: Steel	10%			LIFE	* *	10	$65,500	
Gypsum Board	20%			LIFE	* *	5-10	$225,100	
Metal Panel	5%			LIFE	* *	5	$40,900	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 4,000 Amperes And One Main Disconnect Switch Rated At 3,000 Amperes								
Transformers								
Dry Type	100%			2046	* *	5	$800	
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$1,000	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$300	
Molded Case Bkrs	95%			2049	* *	5	$5,700	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	20%			2046	* *	5	$300	
Variable Frequency Drive	80%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$70,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACON HIGH SCHOOL - M
Asset # : 14925

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2042	* *	1	$88,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : 550 Kilowatt Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$8,400	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	50%			2038	* *	10	$104,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	34%			2038	* *	10	$71,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors And Lobby								
Fluorescent	5%			2038	* *	10	$10,400	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Stairwells								
HID	1%			2038	* *	10	$100	
LED	10%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Battery	50%			2038	* *	10	$7,700	
Exterior Lighting								
Fluorescent	2%			2038	* *	10	$400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Main Entrances								
HID	8%			2038	* *	10	$100	
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$800	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACON HIGH SCHOOL - M
Asset # : 14925

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$42,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Generic	50%			2038	* *	1	$42,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$140,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns, Strobes And Smoke Detection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	Now	$48,400	2046	* *	1	$101,300	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Building Controls Sensors								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 7th Floor								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$16,800	
Terminal Devices								
Air Handler	40%			2038	* *	1	$56,300	
Convector/Radiator	60%			2046	* *	1	$44,100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	95%			2042	* *	1	$234,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Split Unit	5%			2038	* *			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$370,100	
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$140,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEACON HIGH SCHOOL - M
Asset # : 14925

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$200,900	
Exhaust Fans								
Roof	100%			2038	* *	2	$7,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$204,900	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 7th Floor								
Explanation : 900 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$4,800	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$9,100	
Backflow Preventer								
Generic	100%			2038	* *	1	$13,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 7th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$114,700	
Sprinkler								
Generic	100%			2053	* *	1-2	$63,800	
Fire Pump								
Generic	100%			2042	* *	1	$42,500	
Chemical System								
Generic	100%			2031	$293,800	1-3	$267,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Hood Is 24 Feet Long, 72 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BEDFORD ACADEMY H.S. - BK**		
Address	: **1119 BEDFORD AVE. @ MONROE ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K994**
Program / Asset #	: **BOE1082.000 / 14428**	**Yr Built/Renovated**	: **1953 / 2005**
Area Sq Ft	: **25,920**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-May-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1812** **Lot** : **1**	**BIN**	: **3329679**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$120,900
Mechanical		$522,500
Total		**$643,400**
Importance Code B		$643,400
Total		**$643,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,100		$2,400	
Interior Architecture	$12,700		$3,400	
Electrical	$800	$27,800	$1,300	$800
Mechanical	$6,700	$6,700	$14,000	$6,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$37,300**	**$38,400**	**$25,100**	**$11,300**
Importance Code A	$14,400	$1,300	$3,700	$1,300
Importance Code B	$16,200	$37,100	$21,400	$10,000
Importance Code C	$6,600			
Total	**$37,300**	**$38,400**	**$25,100**	**$11,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEDFORD ACADEMY H.S. - BK
Asset # : 14428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$36,800	
Masonry: Limestone	2%			LIFE	* *	5	$600	
Windows								
Aluminum	100%			2046	* *	5	$4,900	
Parapets								
Masonry: Brick	4%	Now	$4,000	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Northwest Corner								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	16%			LIFE	* *	5	$600	
Metal Rail	80%			2043	* *	5-10	$57,200	
Roof								
IRMA/Protected Membrane	100%	4+	$9,100	2035	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Southeast Corner								
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$1,700	
Ceramic Tile	25%			2039	* *	5	$9,700	
Quarry Tile	3%			2043	* *	5	$1,700	
Vinyl Tile	70%			2035	* *	3	$10,200	
Interior Walls								
Ceramic Tile	30%			2039	* *	5	$13,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$900	
Gypsum Board	65%			LIFE	* *	5	$17,300	
Ceilings								
AcousTileSusp.Lay-In	3%			2043	* *	5	$1,200	
Exposed Struc: Concrete	85%			LIFE	* *	5	$5,200	
Gypsum Board	5%			LIFE	* *	5	$2,400	
Metal Panel	2%			LIFE	* *	5	$1,000	
Plaster	2%	2-4	$1,200	LIFE	* *	5	$500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classroom								
Plaster	3%			LIFE	* *	5	$700	
Site Enclosure								
Fence/Gates								
Aluminum Rail	100%			2043	* *	5-10		
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEDFORD ACADEMY H.S. - BK
Asset # : 14428

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electric Service Room								
Explanation : 2,000 Ampere Main Disconnect								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$100	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	25%			2046	* *	5	$100	
Molded Case Bkrs	75%			2046	* *	5	$500	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$100	
Variable Speed Drives, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Penthouse								
Locally Mounted	50%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To Main Water Pipe.								
Lighting								
Interior Lighting								
Fluorescent	20%			2035	* *	10	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Compact Fluorescent								
Fluorescent	80%			2035	* *	10	$19,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps. Occupancy Sensors In Classrooms.								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$3,100	
Exit, LED	48%			2058	* *	1		
Exit, Battery	2%			2035	* *	10		
Exterior Lighting								
HID	100%			2030	$120,900	10	$100	
Alarm								

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DEPARTMENT OF EDUCATION - 040
BEDFORD ACADEMY H.S. - BK
Asset # : 14428

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Working Order								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2035	* *	1-3	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fire Alarm System Is Operating Properly.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	$12,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 8 Modular Boilers								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Offices And Lunch Room								
Explanation : 3 Rooftop Units Packaged Heating And Cooling Serve These Areas								
Hot Wtr Piping/Pump	70%			2046	* *	4	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 4 Pumps Serve Unit Ventilators And Radiators In Classrooms.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEDFORD ACADEMY H.S. - BK
Asset # : 14428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2035	* *	1	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Roof Units, Packaged Heating And Cooling Serve Hallways, Offices, Lunch Room								
Convector/Radiator	20%			2043	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms And Equipment Rooms								
Explanation : Baseboard Fin Radiation								
Fan Coil Unit/Heat	50%			2030	$321,300	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 4-pipe Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2039	* *	1	$19,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Chillers Serve Unit Ventilators At Classrooms. No Access To Check Refrigerant Type.								
Ext Pkg Unit - Heating/Cooling	30%			2035	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Roof Units, Packaged Heating And Cooling Serve Hallways, Offices, Lunch Room								
Distribution								
CW & CHW Wtr Pipe/Pump	70%			2050	* *	4	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Mechanical Room								
Explanation : 2 Pumps And Glycol System								
Ductwork/Diffusers	30%			LIFE	* *	2	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Roof Units, Packaged Heating And Cooling Serve Hallways, Offices, Lunch Room								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEDFORD ACADEMY H.S. - BK
Asset # : 14428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Dir Expansion	5%			2030	$24,800	1		
Air Handler/Cool/Ht	30%			2030	$150,900	1	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Roof Units, Packaged Heating And Cooling Serve Hallways, Offices, Lunch Room								
Fan Coil - 4 Pipe	65%			2035	* *	1	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : Unit Ventilators								
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	* *	2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Split Systems								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$14,500	
Exhaust Fans								
Roof	100%			2030	$50,300	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
HW Heat Exchanger								
Steam Fired	100%			2050	* *	4	$2,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BEDFORD ACADEMY H.S. - BK
Asset # : 14428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$7,300	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BENJAMIN CARDOZO HIGH SCHOOL - Q**		
Address	: **57-00 223 STREET, BAYSIDE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q415**
Program / Asset #	: **BOE0871.000 / 196**	**Yr Built/Renovated**	: **1966 / 2017**
Area Sq Ft	: **315,743**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7529** **Lot** : **1**	**BIN**	: **4161735**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$259,200	$4,334,500
Interior Architecture	$1,311,900	$1,161,100
Electrical	$1,057,500	$6,736,800
Mechanical	$666,500	$9,041,100
Site Pavements	$123,900	$1,453,400
Total	**$3,418,900**	**$22,726,900**
Importance Code A	$314,200	$7,086,600
Importance Code B	$2,832,300	$14,096,900
Importance Code C	$272,500	$1,543,400
Total	**$3,418,900**	**$22,726,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,000	$21,700	$18,100	
Interior Architecture	$20,600	$11,800	$19,500	$3,000
Electrical	$27,800	$32,800	$33,000	$30,800
Mechanical	$115,500	$110,000	$86,100	$59,300
Site Enclosure	$18,500			
Site Pavements	$72,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$264,900**	**$184,200**	**$164,500**	**$101,000**
Importance Code A	$2,000	$53,700	$49,300	$31,300
Importance Code B	$156,100	$130,500	$115,200	$69,700
Importance Code C	$106,800			
Total	**$264,900**	**$184,200**	**$164,500**	**$101,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BENJAMIN CARDOZO HIGH SCHOOL - Q
Asset # : 196

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	$259,200	LIFE	* *	5	$157,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Chimney Located Over Roof Service Area								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation, Nurse Office								
Metal Panel	5%			2050	* *	5-10	$77,300	
Pre-Cast Concrete	25%			LIFE	* *	5	$182,700	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Back Parking Lot West								
Explanation : Precast Column Is Twisted Off Center								
Windows								
Aluminum	90%			2046	* *	5	$36,100	
Glass Block	7%			LIFE	* *	5	$1,800	
Water Penetration, Extent : Moderate, Area Affected : 7%								
Location : Stairway 2 Through 3, 4 Through 5, And 6 Through 7								
Metal Louvers	3%			2039	* *	10	$7,500	
Parapets								
Metal Panel	2%			2050	* *	5	$1,300	
Metal Rail	98%			2043	* *	5-10	$298,400	
Roof								
Built-Up (BUR)	93%			2030	$3,287,500	10	$281,700	
Skylight, Metal/Glass	7%			2050	* *	10	$70,700	
Soffits								
Aluminum Sunshades	10%			2039	* *	10	$8,300	
Cast in Place Concrete	5%	4+	$2,000	LIFE	* *	5	$3,300	
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Soffit At Rear Of Parking Lot								
Pre-Cast Concrete	30%			LIFE	* *	5	$13,000	
Stucco Cement	55%			2043	* *	5	$18,300	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$31,000	
Ceramic Tile	3%			2033	$799,400	5	$14,200	
Quarry Tile	3%			2043	* *	5	$21,300	
Slate	3%			LIFE	* *	5	$15,100	
Vinyl Tile	33%			2035	* *	3	$58,500	
Vinyl Tile 9" X 9"	5%	Now	$83,400	2038	* *	3	$8,900	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Basement Corridor								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement Corridor And 1st Floor Classrooms								
Wood	5%			2058	* *	5	$44,300	
No Component	45%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BENJAMIN CARDOZO HIGH SCHOOL - Q
Asset # : 196

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2039	* *	5	$12,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$36,000	
Masonry: Brick	3%			LIFE	* *			
Operable Wall	3%	4+	$209,600	2050	* *	5	$31,500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Explanation : Masonite Panels Are Delaminating								
Travertine Panels	2%			LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Entry Lobby								
Plaster	45%			LIFE	* *	5	$81,000	
Plaster	5%	Now	$14,600	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Room B58								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room B58								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$23,600	
AcousTileSusp.Lay-In	35%			2043	* *	5	$165,400	
Exposed Struc: Concrete	25%			LIFE	* *	5	$18,500	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	10%			2025	$737,100			
Metal Panel	18%	Now	$281,700	LIFE	* *	5	$106,300	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 35%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Vandalism, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Plaster	5%			LIFE	* *	5	$14,800	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%	4+	$13,500	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2074	* *			
Retaining Walls								
Cast in Place Concrete	30%	Now	$4,900	2065	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Rear Parking Lot								
Masonry: Brick	70%			2040	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
BENJAMIN CARDOZO HIGH SCHOOL - Q
Asset # : 196

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$61,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 223rd Street Side By Parking Entrance								
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$44,200	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Main Entrance Walkway, Ramp On Southwest Corner								
Masonry: Granite	5%	4+	$8,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Steps To Main Entry Area								
Pavers/Stone	5%	Now	$19,600	2033	$195,700			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Main Entry Area								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : At Main Entry Area								
Parking/Driveway								
Asphalt	100%	0-2	$62,900	2033	$1,257,600			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Delivery Area West Side Of School								
Activity Yard								
Asphalt	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : The Main Service Switch Rated At 4,000 Amperes And Another At 2,500 Amperes. It Is In Good Condition.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$650,200	5	$1,400	
Raceway								
Conduit	90%			2030	$606,800	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	25%			2029	$159,700	5	$1,800	
Molded Case Bkrs	65%			2038	* *	5	$5,400	
Molded Case Bkrs	10%			2046	* *	5	$800	

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DEPARTMENT OF EDUCATION - 040
BENJAMIN CARDOZO HIGH SCHOOL - Q
Asset # : 196

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$449,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	40%			2040	* *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$181,400	5	$1,100	
Locally Mounted	40%			2035	* *	5	$900	
Locally Mounted	10%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Ground System Is Old, But It Is In Satisfactory Condition.								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$97,100	
Generators								
Natural Gas	100%	0-2	$138,700	2045	* *	1	$110,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : The Generator Is Rated At 45 Kilowatts. It Is An Obsolete Generator.								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$11,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	$4,518,500	10	$278,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Lighting System Is Composed Of T-8 Lamps Fixtures. They Are In Satisfactory Condition.								
Incandescent	2%			2025	$174,900	2	$100	
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	30%			2030	$58,300	1		
Emergency, Battery	20%			2030	$106,000	10	$15,200	
Exit, LED	40%			2065	* *	1		
Exit, Service	10%			2030	$13,600	1		
Exterior Lighting								
HID	20%			2025	$294,700	10	$200	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
BENJAMIN CARDOZO HIGH SCHOOL - Q
Asset # : 196

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$177,800	1	$35,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside								
Explanation : The CCTV Surveillance Cameras System Is In Satisfactory Condition.								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : The Fire Alarm System Is In Satisfactory Condition.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$734,200	5	$97,800	
Conversion Equipment								
Steam Boiler	100%	0-2	$55,000	2028	$2,752,100	1	$281,400	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : No 1 Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Oil Leaks From All Burners								
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : Smoke Detector Of No 2 Boiler In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$50,600	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Pump In Basement								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Thermostats And Regulators In Various Locations								
Terminal Devices								
Air Handler	30%			2030	$1,782,500	1	$58,600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Explanation : Air Handler Unit, Heating Coil Leak								
Convector/Radiator	70%	0-2	$36,100	2035	* *	1	$64,200	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Control Valves At Various Areas								

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DEPARTMENT OF EDUCATION - 040
BENJAMIN CARDOZO HIGH SCHOOL - Q
Asset # : 196

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%	0-2	$14,000	2030	$698,700	1	$19,800	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Basement Air Conditioning Room								
R-134a Refrigerant, Extent : Light, Area Affected : 15%								
Location : 1 Unit Basement Air Conditioning Room								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement Air Conditioning Room								
Explanation : Defective Control System								
Window/Wall Unit	20%			2025	$239,200	1		
No Component	65%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%			2040	* *	4	$3,500	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2025	$321,600	1	$29,300	
No Component	85%							
Heat Rejection								
Water Cooling Tower	15%			2031	$83,700	2	$47,700	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$176,100	
Exhaust Fans								
Interior	90%			2030	$1,260,300	2	$8,700	
Roof	10%			2030	$61,300	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$30,500	2030	$1,526,800	4	$31,200	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$22,300	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Rest Rooms								
Explanation : Water Backs Up When It Rains								
Sump Pump(s)								
Non-Submersible	100%			2030	$63,200	4	$6,700	

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DEPARTMENT OF EDUCATION - 040
BENJAMIN CARDOZO HIGH SCHOOL - Q
Asset # : 196

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$12,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 3rd Floor, One Unit From Basement To 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$4,400	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **BK. SCHOOL FOR CAREER DEV. -K753 OLD STERLING ALTERNATIVE H. S.**
Address : **510 CLERMONT AVE. @ ATLANTIC AVE.**
Borough : **BROOKLYN**
Agency's Number : **K085**
Program / Asset # : **BOE0400.000 / 1082**
Yr Built/Renovated : **1972 / 2010**
Area Sq Ft : **51,000**
Project Type : **EDUCATION**
Date of Survey : **07-Jun-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2008** **Lot** : **1**
BIN : **3057521**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$115,600	$51,200
Interior Architecture	$124,700	
Electrical		$645,100
Mechanical		$775,100
Total	**$240,300**	**$1,471,500**
Importance Code A	$115,600	$51,200
Importance Code B		$1,420,200
Importance Code C	$124,700	
Total	**$240,300**	**$1,471,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$62,100		$4,900	
Interior Architecture	$175,400		$1,600	$12,700
Electrical	$5,500	$4,800	$6,000	$5,400
Mechanical	$49,300	$17,800	$21,500	$26,600
Site Enclosure	$8,800			
Site Pavements	$23,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$328,800**	**$26,500**	**$37,900**	**$48,600**
Importance Code A	$71,000	$5,100	$9,900	$5,100
Importance Code B	$165,000	$21,500	$28,000	$38,700
Importance Code C	$92,900			$4,800
Total	**$328,800**	**$26,500**	**$37,900**	**$48,600**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

BK. SCHOOL FOR CAREER DEV. -K753 OLD STERLING ALTERNATIVE H. S.

Asset # : 1082

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$102,500	
Metal Coiling Doors	5%	Now	$64,400	2046	* *	5	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Pre-Cast Concrete	10%			LIFE	* *	5	$39,200	
Windows								
Aluminum	100%			2049	* *	5	$8,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$32,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	95%	Now	$7,600	2038	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 319								
Metal Panel	5%			2046	* *	10	$3,100	
Soffits								
Stucco Cement	100%			2046	* *	5	$3,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,600	
Ceramic Tile	5%			2042	* *	5	$3,600	
Quarry Tile	3%			2046	* *	5	$3,300	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	67%	0-2	$26,700	2038	* *	3	$18,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 1st Floor Classrooms								
Wood	10%	2-4	$8,600	2068	* *	5	$6,800	
Split/Cracked, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$9,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$15,500	
Folding Partition	5%	Now	$26,800	2049	* *	5	$12,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Glass Block	2%			LIFE	* *	10	$1,500	
Plaster	53%	2-4	$124,700	LIFE	* *	5	$30,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$24,200	

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DEPARTMENT OF EDUCATION - 040

BK. SCHOOL FOR CAREER DEV. -K753 OLD STERLING ALTERNATIVE H. S.

Asset # : 1082

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	4+	$5,800	2038	* *	5	$11,300	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2038	* *	5	$7,200	
Exposed Struc: Concrete	40%			LIFE	* *	5-10	$36,100	
Fiber Board	3%			2033	$33,800			
Metal Panel	2%			LIFE	* *	5	$3,600	
Plaster	20%	0-2	$22,000	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Stair 1								
Site Enclosure								
Fence/Gates								
Chain Link	50%	2-4	$8,800	2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Parking Lot								
Iron Picket	50%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%	0-2	$23,800	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$25,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$200	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

BK. SCHOOL FOR CAREER DEV. -K753 OLD STERLING ALTERNATIVE H. S.

Asset # : 1082

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$7,000	5	$100	
Molded Case Bkrs	10%			2041	* *	5	$100	
Molded Case Bkrs	85%			2032	$118,800	5	$1,100	
Wiring								
Thermoplastic	90%			2033	$179,600	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2031	$21,500	5	$100	
Locally Mounted	70%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	92%			2038	* *	10	$43,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2038	* *	10	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And Cafeteria								
Explanation : Compact Fluorescent Lights								
Incandescent	2%			2028	$28,300	2		
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$42,800	10	$6,200	
Exit, Service	50%			2033	$11,000	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$19,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Staircases, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$31,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

BK. SCHOOL FOR CAREER DEV. -K753 OLD STERLING ALTERNATIVE H. S.

Asset # : 1082

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$8,900	2050	* *	1	$45,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. Unit No.2 Is Not Working								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2033	$191,900	1	$6,300	
Convector/Radiator	80%			2038	* *	1	$13,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	15%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Window/Wall Unit	70%			2028	$135,200	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And 2nd Floor Various Locations								
No Component	15%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2038	* *	1	$2,500	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2038	* *	2	$5,300	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,000	
Exhaust Fans								
Interior	20%			2033	$45,200	2	$300	
Roof	80%			2041	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2043	* *	1		
Galvanized Steel	50%			2031	$325,500	1		
Water Heater With Tanks								
Electric	100%			2031	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 120 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

BK. SCHOOL FOR CAREER DEV. -K753 OLD STERLING ALTERNATIVE H. S.

Asset # : 1082

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$1,600	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2028	$26,700	4	$3,000	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2032	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2041	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 250 Gallon Unit								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$25,700	
Sprinkler								
No Component	95%							
Generic	5%			2033	$35,300	1-2	$700	
Chemical System								
Generic	100%			2028	$122,400	1-3	$121,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Kitchens								
Explanation : 2 Sets Cover 30 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BLANCHE COMMUNITY DAY CARE CTR.**		
Address	: **109-60 202ND STREET BTWN: HOLLIS AVE., 111 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **ACS0006.000 / 13416**	**Yr Built/Renovated**	: **1998 / 2011**
Area Sq Ft	: **16,526**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **10941** **Lot** : **206**	**BIN**	: **4234212**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$277,700
Total		**$277,700**
Importance Code B		$277,700
Total		**$277,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$97,800			
Interior Architecture	$6,500		$3,600	
Electrical	$500	$17,900	$800	$500
Mechanical	$30,400	$3,000	$3,300	$1,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$139,100**	**$24,800**	**$11,600**	**$5,600**
Importance Code A	$98,600	$900	$800	$800
Importance Code B	$39,400	$24,000	$10,800	$4,800
Importance Code C	$1,100			
Total	**$139,100**	**$24,800**	**$11,600**	**$5,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BLANCHE COMMUNITY DAY CARE CTR.
Asset # : 13416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	65%	Now	$39,900	LIFE	* *	5	$22,900	
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Custodian Room 011								
Metal/Glass Curt Wall	20%	Now	$23,800	LIFE	* *	5	$13,200	
Caulking Deteriorated, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Metal Panel	5%	Now	$2,300	2050	* *	5	$3,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Metal: Cage/Fence	10%			2043	* *	5	$15,400	
Windows								
Aluminum	90%	4+	$19,100	2046	* *	5	$4,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms 118 And 117; Offices On 2nd Floor								
Weather Strip Missing, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glass Block	10%			LIFE	* *	5	$600	
Parapets								
Concrete Masonry Unit	50%			LIFE	* *	5	$2,600	
Masonry: Brick Cavity	45%	4+	$4,100	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof Parapets								
Explanation : Stucco Coating Is Cracking								
Metal: Cage/Fence	5%	4+	$500	2035	* *	5	$700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Metal Panel	10%			2043	* *	10	$3,000	
Modified Bitumen	90%	0-2	$7,900	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Soffits								
Stucco Cement	100%			2043	* *	5	$2,000	
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$1,100	
Panel/Paver: Cer/Brk	5%			2046	* *	5	$2,500	
Quarry Tile	5%			2043	* *	5	$1,700	
Vinyl Tile	85%			2035	* *	3	$7,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BLANCHE COMMUNITY DAY CARE CTR.
Asset # : 13416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$2,300	
Concrete Masonry Unit	20%			LIFE	* *	5	$3,700	
Gypsum Board	20%			LIFE	* *	5	$5,500	
SGFT/Glazed Masonry	55%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	65%	4+	$4,800	2043	* *	5	$7,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 022 Cluster Family, 2nd Floor Corridor, Storage Room 021								
Exposed Struc: Concrete	20%			LIFE	* *	5	$700	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	10%			LIFE	* *	5	$2,800	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2050	* *			
Iron Picket	80%			2065	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Cast in Place Concrete	10%			2035	* *			
Rubber Matting	90%			2030				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	* *	5	$400	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5		
Molded Case Bkrs	90%			2046	* *	5	$400	

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DEPARTMENT OF EDUCATION - 040
BLANCHE COMMUNITY DAY CARE CTR.
Asset # : 13416

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$14,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2035	* *	10	$800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallways								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$2,000	
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
BLANCHE COMMUNITY DAY CARE CTR.
Asset # : 13416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	70%			2030	$36,000	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Units								
Hot Water Boiler	30%			2035	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	30%			2046	* *	4	$200	
No Component	70%							
Terminal Devices								
Convector/Radiator	30%			2043	* *	1	$1,600	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	0-2	$13,900	2030	$277,700	2	$800	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Explanation : 3 Of 6 Defective Packaged Rooftop Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$14,500	LIFE	* *	2-5	$9,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Exhaust Fans								
Roof	100%			2030	$32,100	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$500	4	$500	
Sewage Ejector(s)								
Electric	100%			2030	$8,700	4	$700	

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DEPARTMENT OF EDUCATION - 040
BLANCHE COMMUNITY DAY CARE CTR.
Asset # : 13416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	20%			2035	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Boiler And Hot Water Heater Only								
Generic	80%			2038	* *	1	$800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Roof								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2050	* *	1-2	$500	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**BOYS AND GIRLS HIGH SCHOOL - BK**			
Address	:	**1700 FULTON STREET @ UTICA AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K455**
Program / Asset #	:	**BOE0631.000 / 1228**	**Yr Built/Renovated**	:	**1976 / 2005**
Area Sq Ft	:	**418,424**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**24-Nov-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,Ph**			
Block	:	**1701** **Lot** : **1**	**BIN**	:	**3047996**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$758,100	$341,900
Interior Architecture	$1,785,900	$497,500
Electrical	$311,900	$6,787,600
Mechanical	$946,400	$7,874,500
Site Enclosure	$117,800	
Site Pavements	$1,215,600	$902,500
Total	**$5,135,700**	**$16,404,000**
Importance Code A	$758,100	$480,700
Importance Code B	$3,051,200	$15,923,300
Importance Code C	$1,326,400	
Total	**$5,135,700**	**$16,404,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,600		$52,900	
Interior Architecture	$120,800		$65,600	$18,600
Electrical	$126,200	$71,000	$81,500	$73,200
Mechanical	$230,000	$115,100	$177,000	$128,700
Site Enclosure	$21,400			
Site Pavements	$18,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$571,100**	**$194,000**	**$384,900**	**$228,500**
Importance Code A	$88,100	$41,400	$94,400	$41,400
Importance Code B	$432,300	$152,600	$290,500	$187,000
Importance Code C	$50,700			
Total	**$571,100**	**$194,000**	**$384,900**	**$228,500**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BOYS AND GIRLS HIGH SCHOOL - BK
Asset # : 1228

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	9%	Now	$272,400	LIFE	* *	5	$33,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkheads								
Painted Surfaces, Extent : Moderate, Area Affected : 20%								
Location : Base Of Exterior Walls								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 168 And Stair Bulkheads								
Masonry: Brick	84%			LIFE	* *	5	$617,600	
Metal Sect. OHD	2%	4+	$5,300	2046	* *	5	$11,500	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : By Kitchen								
Stucco Cement	5%			2046	* *	5	$46,000	
Windows								
Aluminum	8%	Now	$16,800	2049	* *	5	$1,800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stair 1 Bulkhead								
Weather Strip Missing, Extent : Light, Area Affected : 2%								
Location : Throughout								
Aluminum	90%			2049	* *	5	$39,800	
Metal Louvers	2%			2036	* *	10	$5,500	
Parapets								
Masonry: Brick	85%	0-2	$119,900	LIFE	* *	5	$18,900	1
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Parapets Along Utica Avenue And Fulton Street								
Metal Rail	10%			2046	* *	5-10	$40,300	
Pre-Cast Concrete	5%	Now	$4,500	LIFE	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$56,900	2038	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Adjacent Stair 1								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Gymnasium, Rooms 401, 487, 489, And Stair Bulkheads								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BOYS AND GIRLS HIGH SCHOOL - BK
Asset # : 1228

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2029	$210,900	3	$23,800	
Cast in Place Concrete	7%			LIFE	* *	5	$182,600	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%			2042	* *	5	$17,900	
Panel/Paver: Cer/Brk	3%			2049	* *	5	$40,200	
Quarry Tile	3%			2046	* *	5	$26,800	
Vinyl Tile	5%	Now	$82,400	2038	* *	3	$11,200	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : Garage And Shops Corridor								
Vinyl Tile	70%			2038	* *	3	$156,500	
Wood	7%	Now	$248,900	2061	* *	5	$39,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Girls Gymnasium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Girls Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Girls And Boys Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$57,700	
Concrete Masonry Unit	10%	Now	$216,800	LIFE	* *	5	$18,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Penthouse Fan Room								
Vertical Cracks, Extent : Light, Area Affected : 8%								
Location : Gymnasium, Basement, Room 460 And Stairwell								
Folding Partition	2%	Now	$127,700	2049	* *	5	$11,500	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Boys Gymnasium And Auditorium								
Masonry: Brick	5%			LIFE	* *	10	$6,900	
Metal Panel	2%			LIFE	* *	10	$4,200	
Plaster	36%	2-4	$80,800	LIFE	* *	5	$49,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	40%	Now	$331,600	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Room 463 And Stair 2								
Explanation : Vertical Crack								

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
BOYS AND GIRLS HIGH SCHOOL - BK
Asset # : 1228

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	2%	Now	$44,100	2038	* *	5	$7,500	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
AcousTileConcealSpLn	58%			2046	* *	5	$432,300	
Gypsum Board	13%			LIFE	* *	5-10	$266,400	
Metal Panel	2%	Now	$39,500	LIFE	* *	5	$14,900	
Bent/Warped Elements, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium And Kitchen								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Kitchen								
Plaster	25%			LIFE	* *	5-10	$256,200	
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$117,800	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Parking Lot								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Driveway Gate								
Iron Picket	25%	4+	$21,400	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	25%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Handball Court								
Explanation : Handball Court Wall								
Masonry: Brick	75%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$150,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Fulton Street And Schenectady Avenue								

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DEPARTMENT OF EDUCATION - 040
BOYS AND GIRLS HIGH SCHOOL - BK
Asset # : 1228

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	30%	Now	$12,800	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Around Track								
Cast in Place Concrete	20%	2-4	$5,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair At Main Entrance								
Pavers/Stone	50%	Now	$134,700	2036	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Fulton Street Entry								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Fulton Street Entry								
Parking/Driveway								
Asphalt	85%	Now	$259,300	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	15%			2046	* *			
Activity Yard								
Asphalt	20%	Now	$491,000	2048	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Track								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Track								
Cast in Place Concrete	5%			2046	* *			
Traffic Topping	75%	Now	$180,500	2033	$902,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Tennis Court								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Tennis Court								
Explanation : Sinking								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
BOYS AND GIRLS HIGH SCHOOL - BK
Asset # : 1228

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	10%			2059	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 700 Ampere Main Disconnect Switch For Solar Panel Supplies Mechanical Equipment Only								
Fused Disc Sw	85%			2033	$131,000	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere And Two 1,500 Ampere Main Disconnect Switches								
Fused Disc Sw	5%			2033	$7,700	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Transformers								
Dry Type	60%			2031	$16,000	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room And Mechanical Room								
Explanation : Three 45 Kilovolts Amperes 480 High Voltage 208/120 Low Voltage								
Dry Type	40%			2031	$10,700	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kilovolts Amperes 480 Hight Voltage 208/120 Low Voltage								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$877,800	5	$1,600	
Fused Disc Sw	10%			2059	* *	5	$200	
Raceway								
Conduit	90%			2033	$910,300	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	8%			2032	$78,200	5	$800	
Fused Disc Sw	2%			2055	* *	5	$200	
Molded Case Bkrs	85%			2032	$831,300	5	$9,400	
Molded Case Bkrs	5%			2055	* *	5	$600	
Wiring								
Thermoplastic	90%			2033	$1,213,000	1		
Thermoplastic	10%			2059	* *	1		
Motor Controllers								
Locally Mounted	15%			2031	$81,600	5	$400	
Locally Mounted	5%			2050	* *	5	$100	
Motor Control Center	80%			2031	$1,745,000	5	$9,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$12,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$128,700	

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DEPARTMENT OF EDUCATION - 040
BOYS AND GIRLS HIGH SCHOOL - BK
Asset # : 1228

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2029	$138,700	1	$162,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 150 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$93,300	
Fuel Storage								
Main Tank	100%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	5%	Now	$311,900	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	85%			2038	* *	10	$326,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Service	55%			2038	* *	1		
Emergency, Battery	5%			2028	$35,100	10	$5,100	
Exit, Service	30%			2028	$54,100	1		
Exit, Service	10%			2038	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$78,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	50%			2028	$392,700	1	$78,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$257,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horns, Pull Box, Smoke Detector And Fire Alarm Panel								

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DEPARTMENT OF EDUCATION - 040
BOYS AND GIRLS HIGH SCHOOL - BK
Asset # : 1228

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$414,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$588,300	2043	* *	4	$20,600	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : One Vacuum Pump Leaking								
Terminal Devices								
Air Handler	20%			2033	$1,574,800	1	$51,800	
Not in Service, Extent : Light, Area Affected : 20%								
Location : Two Units In The Basement								
Convector/Radiator	60%			2038	* *	1	$81,100	
Fan Coil Unit/Heat	20%			2033	$2,074,800	1	$27,000	
Air Conditioning								
Energy Source								
Steam/HW System	100%			2053	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	50%			2042	* *	1	$226,400	
Window/Wall Unit	10%	0-2	$7,900	2031	$158,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. 5 Percent Of Window, Wall Unit Is Not Working								
No Component	40%							
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2043	* *	4	$10,300	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2033	$2,435,700	1	$129,400	
No Component	50%							
Heat Rejection								
Water Cooling Tower	50%			2034	* *	2	$210,600	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$369,400	
Exhaust Fans								
Interior	50%	0-2	$46,400	2033	$927,900	2	$5,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Noisy Return Fan For Pupil Cafeteria At Penhouse								
Roof	50%			2033	$405,900	2	$6,400	
Plumbing								

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DEPARTMENT OF EDUCATION - 040
BOYS AND GIRLS HIGH SCHOOL - BK
Asset # : 1228

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$106,800	2038	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 10%								
Location : Defective Domestic Water Pump At Basement								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$41,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$147,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Backup Of Water At Basement During Heavy Rainfall								
Sump Pump(s)								
Non-Submersible	100%			2033	$83,800	4	$13,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$211,000	
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$5,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BRONX DANCE ACADEMY**		
Address	: **3617 BAINBRIDGE AVENUE @ E.213 ST**		
Borough	: **BRONX**	**Agency's Number**	: **LEASE-X852**
Program / Asset #	: **BOE1056.000 / 14351**	**Yr Built/Renovated**	: **1971 / 2003**
Area Sq Ft	: **32,498**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **3329** **Lot** : **124**	**BIN**	: **2017858**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$197,400
Interior Architecture	$50,700	
Electrical		$535,800
Mechanical		$938,600
Total	**$50,700**	**$1,671,700**
Importance Code A		$298,400
Importance Code B		$1,373,200
Importance Code C	$50,700	
Total	**$50,700**	**$1,671,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$80,900		$33,600	$25,300
Interior Architecture	$10,600		$29,500	$2,800
Electrical	$5,200	$3,000	$3,000	$3,600
Mechanical	$78,100	$19,700	$34,900	$40,200
Site Pavements	$2,400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$185,200**	**$30,700**	**$109,000**	**$79,800**
Importance Code A	$89,800	$1,600	$35,200	$26,900
Importance Code B	$91,000	$29,100	$73,800	$51,300
Importance Code C	$4,300			$1,600
Total	**$185,200**	**$30,700**	**$109,000**	**$79,800**

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DEPARTMENT OF EDUCATION - 040
BRONX DANCE ACADEMY
Asset # : 14351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$17,500	
Glass Block	2%			LIFE	* *	5	$1,400	
Masonry: Brick	48%	4+	$44,300	LIFE	* *	5	$26,900	
Graffiti, Extent : Moderate, Area Affected : 15%								
Location : Front Facade								
Stucco Cement	48%			2046	* *	5	$67,200	
Windows								
Aluminum	100%			2049	* *	5	$3,700	
Parapets								
Concrete Masonry Unit	90%	Now	$25,300	LIFE	* *	5	$4,600	
Caulking Deteriorated, Extent : Severe, Area Affected : 10%								
Location : Parapet Roofing Seams								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Side Face Of Parapet Wall								
Explanation : Concrete Masonry Unit Covered With Modified Roofing Membrane								
Metal Panel	10%			2053	* *	5	$1,800	
Roof								
Roll Roofing	100%			2032	$197,400	5	$50,700	
Interior								
Floors								
Ceramic Tile	5%			2042	* *	5	$2,400	
Quarry Tile	3%			2046	* *	5	$2,200	
Sheet Vinyl/Rubber	5%			2038	* *	5	$3,600	
Vinyl Tile	85%			2038	* *	3	$15,500	
Wood	2%			2061	* *	5	$1,800	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *	10	$2,600	
Ceramic Tile	6%			2042	* *	5	$3,100	
Concrete Masonry Unit	2%			LIFE	* *	5	$800	
Folding Partition	2%			2049	* *	5	$2,600	
Gypsum Board	88%			LIFE	* *	5-10	$78,300	
Ceilings								
AcousTileSusp.Lay-In	92%			2046	* *	5	$44,800	
Gypsum Board	3%			LIFE	* *	5-10	$5,000	
Metal Panel	5%			LIFE	* *	5	$6,100	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$2,400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : By Curb At Front Entrance								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
BRONX DANCE ACADEMY
Asset # : 14351

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2,000 Ampere Main Disconnect								
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$900	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%	Now	$1,400	2046	* *	5	$100	
Not Functioning, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Corroded Enclosure								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter, Sprinkler Room								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	10%			2033	$48,400	10	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent. Switch Controlled.								
Fluorescent	88%			2033	$426,300	10	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps. Switch Controlled								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$27,300	10	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Egress								
Explanation : Normal Operation Lights Have Battery Backup								
Exit, LED	50%			2048	* *	1		
Exterior Lighting								
HID	5%			2033	$7,600	10		
LED	15%			2041	* *			
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
BRONX DANCE ACADEMY
Asset # : 14351

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$61,000	1	$12,100	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion System Only								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$1,700	2038	* *	1-3	$18,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Central Station Not Working								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	3%			2053	* *	1		
Natural Gas	97%			2053	* *	1		
Conversion Equipment								
Furnace	85%			2028	$85,900	1	$13,700	
Furnace	15%	0-2	$7,600	2033	$15,200	1	$2,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof. No. 7 Unit Is Not Working								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$28,700	
Terminal Devices								
Fan Coil Unit/Heat	3%			2033	$24,200	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs, Entrances, Toilet Rooms, Equipment Rooms								
Explanation : Electric Resistance Source Of Heat								
No Component	97%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	97%			2028	$529,600	2	$1,900	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Units Full Direct Digital Control System								
Split Unit	3%			2033	$23,200			

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DEPARTMENT OF EDUCATION - 040
BRONX DANCE ACADEMY
Asset # : 14351

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$52,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$28,700	
Exhaust Fans								
Roof	97%			2033	$61,200	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Six Exhaust Fans For Equipment Rooms, Toilet Rooms, Miscellaneous Multipurpose Rooms								
Roof	3%			2033	$1,900	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Kitchen								
Explanation : Kitchen Hood With Exhaust Fan On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And First Floor								
Explanation : Basement. 1 Domestic Water And 1 For Sprinklers								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Heater Room On Roof								
Explanation : Heater, Pump Storage Tank Unit. 115 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Floor								
Explanation : Three Grease Traps								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$1,000	4	$1,000	
Backflow Preventer								
Generic	100%			2038	* *	1	$2,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Two Elevators								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040
BRONX DANCE ACADEMY
Asset # : 14351

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2043	* *	1-2	$9,100	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Fire Suppression System Under Kitchen Hood 60 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**BRONX H.S. OF SCIENCE - BX**			
Address	:	**75 W. 205TH STREET BTWN: GOULDEN AVE., PAUL AVE.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X445**
Program / Asset #	:	**BOE0328.000 / 358**	**Yr Built/Renovated**	:	**1959 / 2006**
Area Sq Ft	:	**288,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**15-May-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3**			
Block	:	**3251** **Lot** : **201**	**BIN**	:	**2094706**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$426,800	$1,056,300
Interior Architecture	$437,600	$2,643,900
Electrical	$2,287,600	$2,422,800
Mechanical	$2,732,600	$5,544,100
Total	**$5,884,600**	**$11,667,100**
Importance Code A	$938,800	$3,538,100
Importance Code B	$4,801,500	$6,176,000
Importance Code C	$144,200	$1,953,000
Total	**$5,884,600**	**$11,667,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$62,600	$33,800		
Interior Architecture	$47,500	$54,900	$39,900	$600
Electrical	$13,000	$41,500	$12,200	$9,700
Mechanical	$40,500	$85,100	$77,800	$44,300
Site Enclosure	$13,700			
Site Pavements	$18,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$200,000**	**$219,200**	**$133,900**	**$58,400**
Importance Code A	$62,900	$62,600	$28,200	$28,200
Importance Code B	$118,400	$156,600	$105,700	$30,200
Importance Code C	$18,800			
Total	**$200,000**	**$219,200**	**$133,900**	**$58,400**

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DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$58,800	
Masonry: Brick	90%			LIFE	* *	5	$225,700	
Window Wall	5%			2030	$380,700	5	$47,000	
Glazing Clouded, Extent : Severe, Area Affected : 50%								
Location : Main Entrance								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance								
Explanation : Thermally Inefficient, Condensation Build Up								
Windows								
Aluminum	100%	Now	$426,800	2038	* *	5	$44,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$36,300	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Metal Rail	10%			2043	* *	5-10	$82,000	
Metal: Cage/Fence	5%			2035	* *	5-10	$17,600	
Pre-Cast Concrete	5%	Now	$9,200	LIFE	* *	5	$14,300	
Open Joints, Extent : Moderate, Area Affected : 35%								
Location : Coping Stone								
Roof								
Metal Panel	5%	Now	$6,100	2043	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 1%								
Location : Clear Story Roof								
Modified Bitumen	93%			2038	* *	10	$391,200	
Skylight, Metal/Glass	2%	Now	$47,300	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Greenhouse								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$49,200	
Cast in Place Concrete	1%			LIFE	* *	5	$9,800	
Ceramic Tile	2%	0-2	$10,200	2033	$507,600	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : 327 P								
Quarry Tile	10%			2035	* *	5	$67,500	
Sheet Vinyl/Rubber	2%			2038	* *	5	$13,500	
Terrazzo	3%			LIFE	* *	5	$10,500	
Vinyl Tile	1%	Now	$37,300	2040	* *	3	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridors								
Vinyl Tile	71%			2035	* *	3	$119,800	
Wood	5%			2045	* *	5	$42,200	

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DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	$1,811,400	5	$32,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$26,300	
Gypsum Board	1%			LIFE	* *	5	$4,000	
Masonry: Brick	3%			LIFE	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Foundation Wall Fronting W.205th Street - Room 009								
Metal Panel	5%			LIFE	* *			
Mosaic Tile	2%			LIFE	* *			
Plaster	45%	Now	$144,200	LIFE	* *	5	$88,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 1%								
Location : Basement Adjacent Elevator Motor Room								
SGFT/Glazed Masonry	27%			LIFE	* *			
Wood	2%			LIFE	* *	5	$52,700	
Ceilings								
AcousTile,Adhered	26%			2050	* *	5	$112,900	
AcousTileSusp.Lay-In	5%			2043	* *	5	$21,700	
Exposed Struc: Concrete	39%			LIFE	* *	5	$26,500	
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Room 02 And Locker Rooms								
Metal Panel	5%	Now	$71,900	LIFE	* *	5	$27,100	
Deformed/Dented, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Plaster	25%	Now	$165,000	LIFE	* *	5	$67,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$13,700	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs To Lower South Plaza								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	80%			2043	* *			
Cast in Place Concrete	1%	Now	$18,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stairs To Lower South Plaza								
Cast in Place Concrete	9%			2043	* *			
Pavers/Stone	10%			2039	* *			
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Asphalt	85%			2039	* *			
Cast in Place Concrete	15%			2047	* *			
Activity Yard								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$71,900	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 3,000 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2043	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 30 Kilovolt-ampere Isolation Transformer DC To AC Inverter For Solar Power System								
Switchgear / Switchboard								
Air Circuit Breaker	30%			2030	$195,100	5	$500	
Fused Disc Sw	10%			2030	$65,000	5	$100	
Molded Case Bkrs	60%			2030	$390,100	5	$4,600	
Raceway								
Conduit	95%			2030	$640,600	1		
Conduit	5%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2029	$31,900	5	$300	
Fused Disc Sw	1%			2046	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Roof								
Explanation : DC To AC Inverter Panelboard From Solar Power System Feed Some Appliances And Lighting Fixtures								
Molded Case Bkrs	84%			2029	$536,500	5	$6,400	
Molded Case Bkrs	10%			2046	* *	5	$800	
Wiring								
Braided Cloth	60%	2-4	$539,100	2055	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	30%			2030	$269,500	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$254,000	5	$1,400	
Locally Mounted	30%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,200	
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$211,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$13,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$13,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Fixtures Installed Three Years Ago.								
Egress Lighting								
Emergency, Battery	40%			2025	$193,400	10	$27,800	
Emergency, Battery	10%			2038	* *	10	$7,000	
Exit, Service	45%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Exit Lights Upgraded In 2018.								
Exit, Service	5%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2025	$1,343,800	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$32,300	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2035	* *	1-3	$71,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	98%			2040	* *	5	$87,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 15,000 Gallon Tanks For No. 2 Fuel								
Natural Gas	2%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Greenhouse Boiler								
Conversion Equipment								
Hot Water Boiler	2%			2035	* *	1	$2,900	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Basement								
Explanation : 1 Hot Water Boiler, Used To Heat Rooftop Greenhouse Only								
Steam Boiler	96%	Now	$482,000	2028	$2,409,900	1	$246,400	
Not in Service, Extent : Severe, Area Affected : 25%								
Location : Boiler No 2 In Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Four No. 2 Oil Burning Steam Boilers Burners And Burner Control Panels Were Upgraded In 1992								
Steam Boiler	2%	0-2	$30,100	2050	* *	1	$5,100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Boiler Combustion Air Intake Dampers								

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DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	2%	Now	$5,000	2038	* *	4	$300	
Broken, Extent : Severe, Area Affected : 75%								
Location : Piping To 1 Greenhouse								
Steam Piping/Pump	98%	Now	$226,000	2040	* *			
Not in Service, Extent : Severe, Area Affected : 50%								
Location : 1 Of 2 Vacuum Pumps In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Basement								
Terminal Devices								
Air Handler	18%			2025	$975,500	1	$32,100	
On Extended Life, Extent : Severe, Area Affected : 10%								
Location : Roof								
Air Handler	2%			2025	$108,400	1	$3,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Auditorium, Boys And Girls Locker Rooms, Cafeteria And Corridors. Defective Climate Control Systems								
Convector/Radiator	5%	0-2	$70,700	2050	* *	1	$4,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Thermostat Steam Traps, Defective Climate Control System								
Convector/Radiator	75%			2035	* *	1	$69,800	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2030	$315,800	2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410 A - Units Serve The Cafeteria, Auditorium, Library And Museum								
Split Unit	5%			2030	$341,900			
Window/Wall Unit	80%			2028	$872,800	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$160,600	

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DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%			2025	$766,400	2	$5,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room								
Roof	25%	Now	$2,800	2030	$139,700	2	$1,800	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Roof, Multiple Mechanical And Electrical Defects								
On Extended Life, Extent : Severe, Area Affected : 60%								
Location : Roof								
Roof	15%			2035	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$73,500	2035	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Leaks And Minor Corrosion At Incoming Water Service Valves And Piping.								
HW Heat Exchanger								
Steam Fired	100%			2030	$1,392,600	4	$28,500	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Domestic Water Service								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	4+	$20,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Occasional Back Up In Kitchen								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$6,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$8,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BRONX HS FOR THE VISUAL ARTS -BX**		
Address	: **2040 ANTIN PL @ BRADY AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X839**
Program / Asset #	: **BOE1065.000 / 14408**	**Yr Built/Renovated**	: **1900 / 2010**
Area Sq Ft	: **159,970**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4290** **Lot** : **48**	**BIN**	: **2048811**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$869,000
Interior Architecture	$870,900	
Electrical		$2,661,200
Mechanical	$1,107,800	$224,400
Total	**$1,978,800**	**$3,754,600**
Importance Code A		$869,000
Importance Code B	$1,978,800	$2,885,600
Total	**$1,978,800**	**$3,754,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$128,600		$3,400	
Interior Architecture	$91,900		$47,900	$10,300
Electrical	$92,300	$26,100	$31,500	$26,100
Mechanical	$137,200	$50,800	$99,000	$33,000
Site Pavements	$3,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$457,500**	**$80,800**	**$185,800**	**$73,300**
Importance Code A	$178,400	$7,900	$11,300	$7,900
Importance Code B	$228,300	$72,900	$174,500	$64,000
Importance Code C	$50,700			$1,300
Total	**$457,500**	**$80,800**	**$185,800**	**$73,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX HS FOR THE VISUAL ARTS -BX
Asset # : 14408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$42,600	
Masonry: Brick	90%			LIFE	* *	5	$98,100	
Stucco Cement	5%			2046	* *	5	$6,800	
Windows								
Aluminum	100%			2049	* *	5	$6,900	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$41,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,000	
Roof								
Built-Up (BUR)	100%	Now	$17,400	2033	$869,000			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Corridor And Room 205								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$52,400	
Ceramic Tile	5%			2042	* *	5	$12,000	
Sheet Vinyl/Rubber	5%			2038	* *	5	$18,000	
Sheet Vinyl/Rubber	5%			2041	* *	5	$18,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Recent Install								
Vinyl Tile	70%			2038	* *	3	$62,900	
Vinyl Tile	10%	Now	$661,400	2043	* *	3	$9,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : Throughout Cafeteria								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$2,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Gypsum Board	82%			LIFE	* *	5-10	$73,600	
Masonry: Fieldstone	3%			LIFE	* *	10	$600	
Plaster	5%			LIFE	* *	5-10	$2,200	
Ceilings								
AcousTileSusp.Lay-In	15%			2046	* *	5	$35,900	
Exposed Struc: Concrete	80%			LIFE	* *	5-10	$239,400	
Metal Panel	5%			LIFE	* *	5	$29,900	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2043	* *			
Concrete Masonry Unit	65%			2043	* *			
Iron Picket	5%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parking Entrance Gate								
Explanation : This Is Actually Painted Steel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX HS FOR THE VISUAL ARTS -BX
Asset # : 14408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$3,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Various Areas On Antin Place								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$700	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$400	
Molded Case Bkrs	90%			2049	* *	5	$3,800	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$49,200	
Generators								
Diesel	100%	Now	$27,700	2042	* *	1	$55,800	
Engine Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Roof Generator Enclosure								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Generator Enclosure								
Explanation : Rated At 250 Kilovolt Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX HS FOR THE VISUAL ARTS -BX
Asset # : 14408

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$5,900	
Fuel Storage								
Day Tank	50%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Explanation : Size Not Available For Day Tank								
Main Tank	50%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Capacity 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$2,337,000	10	$143,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	25%			2033	$24,600	1		
Emergency, Battery	25%			2033	$67,100	10	$9,700	
Exit, Battery	50%			2033	$113,300	10	$5,400	
Exterior Lighting								
HID	10%	Now	$37,300	2038	* *			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Building Perimeter								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Operated Via Photocell								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$59,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$98,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX HS FOR THE VISUAL ARTS -BX
Asset # : 14408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	100%	0-2	$49,800	2038	* *	1	$71,200	
Other Observation, Extent : Moderate, Area Affected : 35%								
Location : Roof. 4 Out Of 12 Of The Units Are Not Working								
Explanation : 12 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	$806,300	2038	* *	2	$7,800	
Broken, Extent : Severe, Area Affected : 25%								
Location : Rooftop 4 Out Of 12 Units								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Building Controls System Not Operational								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$260,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$141,200	
Exhaust Fans								
Roof	100%			2038	* *	2	$4,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$205,500	2053	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Water Main Leaking At Basement								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$56,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Flooding At Basement During Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$3,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$9,800	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX HS FOR THE VISUAL ARTS -BX
Asset # : 14408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First To 2nd Floor								
Explanation : 1 Unit. The Unit Is Not Working								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$44,800	
Fire Pump								
Generic	100%			2042	* *	1	$29,900	
Chemical System								
Generic	100%			2031	$224,400	1-3	$204,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppresion System 55 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **BRONX LIGHTHOUSE CHARTER SCHOOL - BX - X185**
Address : **1001 INTERVALE AVENUE**
Borough : **BRONX** **Agency's Number** : **X716**
Program / Asset # : **BOE1173.000 / 14919** **Yr Built/Renovated** :
Area Sq Ft : **69,800** **Project Type** : **EDUCATION**
Date of Survey : **12-May-2022** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2,3**
Block : **2699** **Lot** : **45** **BIN** :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$100,100
Interior Architecture	$352,400	$126,000
Electrical		$362,300
Mechanical		$1,525,300
Total	**$352,400**	**$2,113,600**
Importance Code A		$317,200
Importance Code B	$68,900	$1,670,400
Importance Code C	$283,400	$126,000
Total	**$352,400**	**$2,113,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,800		$21,500	$9,400
Interior Architecture	$52,900		$35,100	$15,600
Electrical	$21,600	$6,500	$6,800	$7,800
Mechanical	$53,100	$10,600	$37,000	$9,600
Total	**$170,500**	**$17,100**	**$100,300**	**$42,400**
Importance Code A	$46,300	$3,500	$25,000	$12,800
Importance Code B	$120,200	$13,700	$75,400	$16,500
Importance Code C	$3,900			$13,100
Total	**$170,500**	**$17,100**	**$100,300**	**$42,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX LIGHTHOUSE CHARTER SCHOOL - BX - X185
Asset # : 14919

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Fiberglass Panel	5%			2042	* *	5	$18,800	
Metal, Corrugated	70%			2053	* *	1		
Metal Panel	20%			2053	* *	5-10	$137,600	
Stucco Cement	5%			2046	* *	5	$12,500	
Windows								
Aluminum	100%			2049	* *	5	$14,500	
Parapets								
Metal Panel	70%			2053	* *	5	$24,700	
Metal Rail	5%			2046	* *	5-10	$8,200	
Metal: Cage/Fence	25%			2046	* *	5-10	$17,600	
Roof								
Cast in Place Concrete	48%			LIFE	* *	10	$35,600	
IRMA/Protected Membrane	50%			2038	* *	10	$22,200	
Skylight, Metal/Glass	2%			2053	* *	10	$3,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,000	
Ceramic Tile	5%			2042	* *	5	$5,000	
Quarry Tile	5%			2046	* *	5	$7,500	
Sheet Vinyl/Rubber	10%			2038	* *	5	$15,100	
Vinyl Tile	70%			2038	* *	3	$26,400	
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *	10	$52,500	
Ceramic Tile	10%			2042	* *	5	$26,200	
Glass: Single Pane	2%			LIFE	* *	5	$7,900	
Gypsum Board	80%			LIFE	* *	5-10	$356,900	
Ceilings								
AcousTileSusp.Lay-In	50%			2046	* *	5	$45,000	
Exposed Struc: Steel	15%			LIFE	* *	10	$27,000	
Gypsum Board	35%			LIFE	* *	5-10	$108,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : Two 1,200 Ampere Switches; One 200 Amperes And One 400 Amperes							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX LIGHTHOUSE CHARTER SCHOOL - BX - X185
Asset # : 14919

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	60%			2038	* *	10	$38,400	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2038	* *	10	$12,800	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	20%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	20%			2038	* *	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$65,500	1	$13,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Generic	50%	Now	$13,100	2033	$65,500	1	$11,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Manual Door Lock Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$180,000	1-3	$44,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX LIGHTHOUSE CHARTER SCHOOL - BX - X185
Asset # : 14919

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2043	* *	1		
Natural Gas	95%			2053	* *	1		
Conversion Equipment								
Furnace	100%			2033	$217,100	1	$34,500	
Terminal Devices								
Convector/Radiator	10%			2038	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Stairways								
Explanation : Electric								
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	$1,172,700	2	$4,300	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$113,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,600	
Exhaust Fans								
Roof	100%			2033	$135,400	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 120 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$2,200	4	$2,200	
Backflow Preventer								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Meter Room								
Explanation : Domestic Service								
Generic	50%			2038	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Fire Service								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX LIGHTHOUSE CHARTER SCHOOL - BX - X185
Asset # : 14919

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$35,200	
Sprinkler								
Generic	100%			2043	* *	1-2	$19,500	
Chemical System								
No Component	98%							
Generic	2%			2028	$3,400	1-3	$3,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set 42 Sqaure Foot Fire Suppression System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BRONX REGIONAL H.S. - BX**		
Address	: **1010 REV. J.A. POLITE AVE. @ E.165 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X401**
Program / Asset #	: **BOE0319.000 / 377**	**Yr Built/Renovated**	: **1963 / 2013**
Area Sq Ft	: **162,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2698** **Lot** : **12**	**BIN**	: **2005366**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$660,600	$1,426,600
Interior Architecture	$5,855,200	$374,500
Electrical	$259,700	$2,069,500
Mechanical	$446,400	$3,090,400
Total	**$7,222,000**	**$6,961,000**
Importance Code A	$731,200	$1,478,000
Importance Code B	$6,043,100	$5,316,900
Importance Code C	$447,600	$166,100
Total	**$7,222,000**	**$6,961,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$40,500		$31,900	
Interior Architecture	$141,900			$16,800
Electrical	$35,300	$15,100	$18,700	$17,200
Mechanical	$80,900	$26,000	$36,200	$27,800
Site Enclosure	$13,300			
Site Pavements	$99,500			
Total	**$411,500**	**$41,100**	**$86,700**	**$61,800**
Importance Code A	$40,500	$16,000	$47,900	$16,000
Importance Code B	$266,000	$25,100	$38,800	$45,700
Importance Code C	$104,900			
Total	**$411,500**	**$41,100**	**$86,700**	**$61,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX REGIONAL H.S. - BX
Asset # : 377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$608,600	LIFE	* *	5	$147,800	
Painted Surfaces, Extent : Moderate, Area Affected : 15%								
Location : Various								
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : At Main Entrance								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	98%			2049	* *	5	$54,600	
Metal Louvers	2%			2036	* *	10	$7,000	
Parapets								
Masonry: Brick	85%	4+	$52,100	LIFE	* *	5	$20,600	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Parapet Walls								
Masonry: Limestone	5%			LIFE	* *	5-10	$14,700	
Metal Panel	5%			2053	* *	5	$4,700	
Metal Rail	5%			2046	* *	5-10	$21,900	
Roof								
Built-Up (BUR)	95%			2033	$1,177,900	10	$100,900	
Metal Panel	5%			2046	* *	10	$9,700	
Soffits								
Stucco Cement	100%			2046	* *	5	$3,800	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$267,100	
Ceramic Tile	5%	4+	$34,400	2036	* *	5	$6,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms, Kitchen								
Terrazzo	10%			LIFE	* *	5	$38,200	
Vinyl Tile 9" X 9"	55%	Now	$4,740,300	2043	* *	3	$50,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Corridors And Throughout								
Wood	5%	Now	$72,800	2048	* *	5	$11,400	
Deteriorated Finish, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Near Water Fountains In Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX REGIONAL H.S. - BX
Asset # : 377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$76,400	
Operable Wall	2%			2043	* *	5	$66,800	
Plaster	58%			LIFE	* *	5-10	$470,500	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$143,200	
Ceilings								
AcousTile,Adhered	20%	4+	$308,700	2038	* *	5	$24,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2038	* *	5	$12,000	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$30,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$24,000	
Metal Panel	10%	Now	$79,400	LIFE	* *	5	$30,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Basement								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Basement								
Plaster	50%	Now	$72,900	LIFE	* *	5	$74,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2043	* *			
Iron Picket	25%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	50%	4+	$13,300	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%			2043	* *			
Retaining Walls								
Cast in Place Concrete	60%			2053	* *			
Masonry: Brick	40%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	50%	2-4	$20,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Front Courtyard								
Cast in Place Concrete	50%	0-2	$32,700	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Ramp At Rear Yard And South Courtyard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX REGIONAL H.S. - BX
Asset # : 377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	85%	Now	$14,900	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Small Play Yard								
Rubber Matting	15%	Now	$31,100	2043	* *			
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Rear Yard At Play Set								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$46,300	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2033	$5,100	5	$100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$700	
Raceway								
Conduit	100%			2033	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$400	
Molded Case Bkrs	90%			2032	$305,400	5	$3,800	
Wiring								
Braided Cloth	65%	2-4	$259,700	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	35%			2033	$139,800	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,800	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$142,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2028	$38,400	10	$100	
Incandescent	2%			2028	$89,800	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX REGIONAL H.S. - BX
Asset # : 377

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	45%			2028	$122,400	10	$17,600	
Emergency, Battery	5%			2038	* *	10	$2,000	
Exit, Service	10%			2038	* *	1		
Exit, Service	40%			2028	$27,900	1		
Exterior Lighting								
HID	20%			2028	$151,200	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2073	* *	5	$1,100	
Alarm								
Security System								
Generic	50%			2033	$152,100	1	$30,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								
Generic	50%			2028	$152,100	1	$30,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Auditorium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$99,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Pull Boxes, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$70,600	2046	* *	1	$144,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Leaking Boiler Tubes. Tubes Plugged								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$259,500	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement. Vacuum, Condensate Pump Leaking								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX REGIONAL H.S. - BX
Asset # : 377

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%	Now	$76,200	2028	$762,100	1	$22,500	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Leaking Steam Coil Of Pupils Blower								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Convector/Radiator	75%			2031	$993,500	1	$39,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2033	$384,700			
Window/Wall Unit	70%			2028	$429,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$143,000	
Exhaust Fans								
Interior	30%			2028	$215,500	2	$1,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Roof	70%			2028	$220,000	2	$3,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%	Now	$20,800	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement. Corroded Water Main And Gate Valve								
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Water Fountains								
Galvanized Steel	80%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$40,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor During Heavy Rain								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$5,000	4	$5,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : For Boiler Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX REGIONAL H.S. - BX
Asset # : 377

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2033	$84,800	4	$9,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX**		
Address	: **244 EAST 163RD STREET @GRANT AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X460**
Program / Asset #	: **BOE1030.000 / 13583**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **134,831**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5,6,Ph**		
Block	: **2445** **Lot** : **6**	**BIN**	: **2109459**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$369,400	$551,400
Interior Architecture	$1,062,800	$3,823,000
Electrical	$69,300	$222,100
Mechanical	$3,259,500	$6,609,700
Total	**$4,761,000**	**$11,206,200**
Importance Code A	$369,400	$551,400
Importance Code B	$4,279,300	$10,654,800
Importance Code C	$112,300	
Total	**$4,761,000**	**$11,206,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,300		$8,900	
Interior Architecture	$169,200		$5,600	$17,900
Electrical	$50,800	$22,000	$26,200	$24,500
Mechanical	$218,700	$73,100	$100,800	$104,700
Site Pavements	$16,200			
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$495,900**	**$112,800**	**$159,200**	**$164,900**
Importance Code A	$46,800	$13,400	$22,200	$13,400
Importance Code B	$380,600	$99,400	$135,400	$151,500
Importance Code C	$68,500		$1,600	
Total	**$495,900**	**$112,800**	**$159,200**	**$164,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX
Asset # : 13583

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$238,400	
Metal Panel	5%			2043	* *	5-10	$46,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$17,600	
Window Wall	5%			2043	* *	5	$25,400	
Windows								
Aluminum	95%	Now	$128,900	2041	* *	5	$13,500	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Penthouse								
Metal Louvers	5%			2036	* *	10	$8,900	
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$62,700	
Metal Panel	5%			2053	* *	5	$2,500	
Metal Rail	10%	4+	$1,800	2038	* *	5	$9,300	
Corrosion/Rusting, Extent : Light, Area Affected : 2%								
Location : Throughout								
Metal Security Bars	10%			2048	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$8,200	
Roof								
Modified Bitumen	75%	0-2	$8,600	2033	$432,200			
Miss/Damaged Flashings, Extent : Light, Area Affected : 1%								
Location : Mechanical Penthouse Wall Base Flashing								
Plaza Roof: Stone Panels	25%	Now	$67,700	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Terrace Roof Throughout								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Fifth Floor Terrace Roof								
Explanation : This Is Actually A Rubber Paver Panel With Impact And Puncture Damage								
Soffits								
Metal Panel	100%			2043	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX
Asset # : 13583

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	1%	2-4	$700	2029	$35,700	3	$3,000	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 5%								
Location : Second Floor Mock Courtroom								
Cast in Place Concrete	5%	Now	$17,200	LIFE	* *	5	$22,100	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Basement Corridor By Room B47								
Ceramic Tile	4%			2036	* *	5	$8,100	
Quarry Tile	5%			2038	* *	5	$15,100	
Steel Grating	5%			2043	* *	1		
Terrazzo	8%			LIFE	* *	5	$25,200	
Vinyl Tile	67%	4+	$74,700	2033	$3,735,300	3	$50,700	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Corridors								
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Corridors								
Wood	5%			2048	* *	5	$18,900	
Interior Walls								
Ceramic Tile	2%			2036	* *	5	$3,200	
Concrete Masonry Unit	15%	Now	$112,300	LIFE	* *	5	$9,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Air Handling Unit Room								
Concrete Masonry Unit	50%			LIFE	* *	5	$63,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : These Are Finished Ground Faced Concrete Masonry Units								
Glass: Single Pane	2%			LIFE	* *	5	$4,800	
Gypsum Board	10%			LIFE	* *	5-10	$27,100	
Masonry: Brick	10%			LIFE	* *	10	$4,800	
Metal: Cage/Fence	5%			LIFE	* *	10	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairwells								
Explanation : Perforated Metal Divider Partitions								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$4,000	
Wood	1%			LIFE	* *	5	$12,700	

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DEPARTMENT OF EDUCATION - 040
BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX
Asset # : 13583

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	87%	Now	$875,800	2038	* *	5	$87,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms Under Terrace								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Steel	5%	4+	$48,500	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Gypsum Board	5%	Now	$17,600	LIFE	* *	5	$12,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exit 4, 2 And Main Vestibule								
Metal Panel	3%	4+	$4,000	LIFE	* *	5	$7,600	
Deformed/Dented, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Exposed Struc: Steel	100%			LIFE	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$16,200	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Disconnect Switches Rated At 4000, 3000 And 800 Amperes.								
Transformers								
Dry Type	100%			2038	* *	5	$500	
Switchgear / Switchboard								
Fused Disc Sw	95%			2043	* *	5	$500	
Molded Case Bkrs	5%			2043	* *	5	$200	
Raceway								
Conduit	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040
BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX
Asset # : 13583

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$300	
Molded Case Bkrs	90%			2041	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2038	* *	5	$300	
Motor Control Center	70%			2038	* *	5	$2,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$41,500	
Generators								
Diesel	100%	Now	$69,300	2042	* *	1	$47,000	
Engine Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kilowatt Rated Capacity								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$5,000	
Fuel Storage								
Day Tank	20%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallon Capacity								
Main Tank	80%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 275 Gallon Capacity								
Lighting								
Interior Lighting								
Under Construction	100%							
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, Battery	50%			2033	$95,500	10	$4,600	
Exterior Lighting								
Fluorescent	2%			2033	$10,800	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Roof								
HID	8%	Now	$30,200	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX
Asset # : 13583

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2033	$126,600	1	$25,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$25,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$7,000	2041	* *	1-3	$75,500	
Devices Damaged, Extent : Light, Area Affected : 2%								
Location : Loading Dock And Boiler Room								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	2%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Roof Penthouse								
Explanation : Electric Unit Heater								
Interruptible Gas/Dual Fuel	98%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$23,500	2038	* *	1	$120,200	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Boiler 2 Oil Pump Broken So Unit Runs Only On Gas								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Outside Air Sensor Causing Unit To Fail On Alarm								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$108,000	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX
Asset # : 13583

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%	Now	$20,300	2033	$1,014,900	1	$30,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Coil In Air Handler 7 In Basement								
Convector/Radiator	60%	Now	$13,200	2038	* *	1	$23,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Controls								
Pneumatic	100%			2027	$2,605,800			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	88%			2028	$1,750,400	1	$55,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers, Chiller Room								
Split Unit	10%	Now	$320,200	2043	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : Computer Rooms And Elevator Machine Room								
Split Unit	2%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%	Now	$21,800	2053	* *	4	$6,600	
Broken, Extent : Moderate, Area Affected : 100%								
Location : 1 Of 3 Pumps								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$52,300	2033	$2,616,200	1	$75,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Air Handling Units 5 And 9 In The Penthouse								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Units								
Heat Rejection								
Air Cooled Condenser Unit	100%	Now	$19,500	2033	$390,400	2	$75,100	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Three Fans On Condenser 1 And 4 Fans On Condenser 2 And Compressor On Chiller 2								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Part Of The Two Chillers								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$119,000	

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DEPARTMENT OF EDUCATION - 040
BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX
Asset # : 13583

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2033	$299,000	2	$2,100	
Roof	50%			2033	$130,800	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$173,200	2043	* *	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : All Three Booster Pumps								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%	Now	$2,700	2033	$13,500	4	$1,400	
Broken, Extent : Moderate, Area Affected : 25%								
Location : Basement Unit Serving The Kitchen								
Non-Submersible	50%			2033	$13,500	4	$2,100	
Backflow Preventer								
Generic	100%			2038	* *	1	$8,300	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2028	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2033	$15,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 175 Gallons. Quantity 1.								
Vertical Transport								
Elevators								
Geared Traction	66%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Basement To 5th Floor, 1 Unit From Basement To Penthouse								
Explanation : Two Units								
Hydraulic	34%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 34%								
Location : Basement To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$68,000	
Sprinkler								
Generic	100%			2053	* *	1-2	$37,800	
Fire Pump								
Generic	100%			2042	* *	1	$25,200	

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DEPARTMENT OF EDUCATION - 040
BRONX SCHOOL FOR LAW, GOVT. AND JUSTICE - BX
Asset # : 13583

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2028	$408,000	1-3	$404,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 100 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BRONX STUDIO SCHOOL FOR WRITERS AND ARTISTS - BX**		
Address	: **928 SIMPSON STREET**		
Borough	: **BRONX**	**Agency's Number**	: **LEASE-X392**
Program / Asset #	: **BOE1101.000 / 14452**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **99,849**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2723** **Lot** : **33**	**BIN**	: **2116211**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$71,500
Interior Architecture	$59,800	$2,247,200
Electrical	$91,600	
Mechanical		$81,600
Total	**$151,400**	**$2,400,300**
Importance Code A		$71,500
Importance Code B	$151,400	$2,234,500
Importance Code C		$94,300
Total	**$151,400**	**$2,400,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,600		$76,800	
Interior Architecture	$72,000	$37,200	$5,600	$33,200
Electrical	$9,400	$13,100	$9,300	$10,500
Mechanical	$41,900	$24,200	$66,300	$26,100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$140,700**	**$86,300**	**$169,800**	**$81,600**
Importance Code A	$11,000	$4,400	$82,400	$4,400
Importance Code B	$129,800	$46,900	$87,400	$55,300
Importance Code C		$34,900		$21,800
Total	**$140,700**	**$86,300**	**$169,800**	**$81,600**

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DEPARTMENT OF EDUCATION - 040
BRONX STUDIO SCHOOL FOR WRITERS AND ARTISTS - BX
Asset # : 14452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$1,100	
Masonry: Brick Cavity	80%			LIFE	* *	5	$71,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : School Ocupies The Cellar To 5th Floor								
Metal Panel	10%			2051	* *	5-10	$61,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$8,700	
Stucco Cement	5%			2044	* *	5	$11,200	
Windows								
Aluminum	100%			2047	* *	5		
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$700	
Metal Panel	85%			2051	* *	5	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet Walls								
Explanation : Covered With Single-ply Membrane								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,200	
Roof								
IRMA/Protected Membrane	100%			2036	* *	10	$48,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Owner Responsible For Roof Maintenance								
Interior								
Floors								
Carpet	2%	Now	$52,900	2033	$52,900	3	$4,500	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : 3rd Floor Library								
Cast in Place Concrete	5%			LIFE	* *	5	$16,300	
Ceramic Tile	3%			2040	* *	5	$4,500	
Poured Epoxy/Resin	25%			2029	$2,093,100			
Quarry Tile	2%			2044	* *	5	$4,500	
Sheet Vinyl/Rubber	5%			2036	* *	5	$11,200	
Vinyl Tile	53%			2036	* *	3	$39,600	
Wood	5%			2059	* *	5	$14,000	
Interior Walls								
Ceramic Tile	20%			2040	* *	5	$69,900	
Concrete Masonry Unit	25%			LIFE	* *	5	$34,900	
Folding Partition	5%			2047	* *	5	$43,700	
Glass: Single Pane	5%			LIFE	* *	5	$13,100	
Gypsum Board	45%			LIFE	* *	5	$94,300	
Ceilings								
AcousTileSusp.Lay-In	80%			2044	* *	5	$119,600	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$18,700	
Metal Panel	5%			LIFE	* *	5	$9,300	

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DEPARTMENT OF EDUCATION - 040
BRONX STUDIO SCHOOL FOR WRITERS AND ARTISTS - BX
Asset # : 14452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 2,500 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$200	
Molded Case Bkrs	90%			2047	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2044	* *	5	$400	
Variable Frequency Drive	40%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$30,700	
Generators								
Diesel	100%			2040	* *	1	$38,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 315 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$3,700	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040
BRONX STUDIO SCHOOL FOR WRITERS AND ARTISTS - BX
Asset # : 14452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$87,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2036	* *	10	$3,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Elevator Lobby								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, LED	50%			2059	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	95%							
Generic	5%			2059	* *	5		
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors, Basement And Outside								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$12,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Caffeteria, Toilets, Mechanical Room And Basement								
Explanation : Stobe Lights, Manual Pull Stations, Smoke Detectors, Horns, Fire Alarm Anel And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2051	* *	1		
Natural Gas	90%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040
BRONX STUDIO SCHOOL FOR WRITERS AND ARTISTS - BX
Asset # : 14452

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%			2036	* *	1	$44,400	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 3 Rooftop Package Units								
Radiant Heater	10%			2036	* *	2	$4,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Stairways								
Explanation : 10 Units								
Distribution								
No Component	90%							
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2036	* *	2	$6,100	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Terminal Devices								
Air Handler/Cool/Ht	100%			2036	* *	1	$61,700	
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$69,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,700	
Exhaust Fans								
Roof	100%			2036	* *	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,200	
Backflow Preventer								
Generic	100%			2036	* *	1	$6,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BRONX STUDIO SCHOOL FOR WRITERS AND ARTISTS - BX
Asset # : 14452

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 6th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$52,200	
Sprinkler								
Generic	100%			2051	* *	1-2	$28,000	
Fire Pump								
Generic	100%			2040	* *	1	$18,700	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **BROOKLYN H.S. OF ARTS - BK ANNEX**
Address : **500 PACIFIC STREET BTWN: 3 AVE., 4 AVE.**
Borough : **BROOKLYN** **Agency's Number** : **K656**
Program / Asset # : **BOE0654.000 / 1214** **Yr Built/Renovated** : **1924 / 2014**
Area Sq Ft : **92,000** **Project Type** : **EDUCATION**
Date of Survey : **20-Jun-2019** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2,3,4**
Block : **192** **Lot** : **1** **BIN** : **3001189**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,562,300	$544,600
Interior Architecture	$203,200	$2,222,200
Electrical	$127,400	$932,300
Mechanical	$300,800	$733,900
Site Pavements		$151,300
Total	**$4,193,700**	**$4,584,300**
Importance Code A	$3,562,300	$544,600
Importance Code B	$631,400	$3,598,300
Importance Code C		$441,400
Total	**$4,193,700**	**$4,584,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,500		$700	
Interior Architecture	$129,300	$18,600		$8,500
Electrical	$50,600	$24,000	$3,300	$4,100
Mechanical	$53,100	$30,000	$18,800	$7,100
Site Enclosure	$16,900			
Site Pavements	$15,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$300,500**	**$80,500**	**$30,700**	**$27,600**
Importance Code A	$27,500	$200	$700	
Importance Code B	$202,600	$80,300	$29,900	$27,600
Importance Code C	$70,500			
Total	**$300,500**	**$80,500**	**$30,700**	**$27,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS - BK ANNEX
Asset # : 1214

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,900	
Masonry: Brick	20%			LIFE	* *	5	$19,000	
Masonry: Granite	10%			LIFE	* *	5	$7,100	
Masonry: Limestone	60%	Now	$448,700	LIFE	* *	5	$42,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor At Perimeter Corridor								
Windows								
Aluminum	5%			2046	* *	5	$1,500	
Bronze/Brass	43%	Now	$2,239,900	2055	* *	5	$39,300	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$400	
Steel	50%	Now	$660,000	2055	* *	5	$91,500	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Bent/Warped Elements, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	70%	2-4	$77,700	LIFE	* *	5	$12,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$2,200	
Metal Rail	20%			2043	* *	5-10	$63,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS - BK ANNEX
Asset # : 1214

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	65%	Now	$135,900	2030	$453,100			
Air/Water Blisters, Extent : Moderate, Area Affected : 10%								
Location : At Low Slope								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
Location : East Side Of Building Into 1st Floor								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : At Low Slope								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Below Water Tower, And Low Slope								
Copper/Terne	35%	Now	$27,500	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Elevator Mechanical Room								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$59,300	
Ceramic Tile	5%	Now	$19,100	2039	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Column In Boys Locker Room								
Quarry Tile	5%	Now	$10,000	2035	* *	5	$5,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Sheet Vinyl/Rubber	10%			2035	* *	5	$20,300	
Traffic Topping	10%			2035	* *	5	$16,900	
Vinyl Tile	50%	Now	$37,500	2030	$1,872,800	3	$25,400	
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Nurses Office, Room 155								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS - BK ANNEX
Asset # : 1214

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	Now	$16,000	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Sub-basement Meter Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Mechanical Room								
Cast Stone/Terra Cotta	10%			LIFE	* *			
Ceramic Tile	5%	Now	$14,500	2033	$290,100	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets And Kitchen								
Concrete Masonry Unit	40%			LIFE	* *	5	$16,900	
Plaster	30%	0-2	$15,400	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Corridors								
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	3%			LIFE	* *	5	$12,700	
Ceilings								
AcousTile,Adhered	5%			2043	* *	5	$6,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Room 359								
AcousTileSusp.Lay-In	10%			2043	* *	5	$13,600	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 1st Floor Shop								
Exposed Struc: Concrete	50%	Now	$203,200	LIFE	* *	5	$10,600	
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Basement Below Sidewalk								
Spalling, Extent : Light, Area Affected : 2%								
Location : Basement Below Sidewalk								
Masonry: Infill Arch	15%			LIFE	* *			
Metal Panel	5%	4+	$4,500	LIFE	* *	5	$8,500	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Plaster	15%	Now	$12,400	LIFE	* *	5	$12,700	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Room 275								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2040	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$16,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Parking Lot								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS - BK ANNEX
Asset # : 1214

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$7,600	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%	Now	$7,600	2033	$151,300			
Ponding, Extent : Severe, Area Affected : 25%								
Location : Parking Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	30%			2030	$68,300	5	$100	
Fused Disc Sw	70%			2030	$159,300	5	$300	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2029	$47,900	5	$400	
Molded Case Bkrs	80%			2038	* *	5	$1,900	
Wiring								
Thermoplastic	90%			2030	$262,600	1		
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	50%	0-2	$35,800	2050	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mechanical Room								
Aged Component, Extent : Severe, Area Affected : 100%								
Location : Mechanical Space								
Locally Mounted	50%			2035	* *	5	$300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS - BK ANNEX
Asset # : 1214

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,400	
Corroded, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Water Damage								
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$71,700	
Fluorescent	10%			2038	* *	10	$8,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Incandescent	5%			2025	$127,400	2	$100	
Egress Lighting								
Emergency, Battery	40%			2030	$61,800	10	$8,900	
Emergency, Battery	10%			2040	* *	10	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Annex Bridge 2nd Floor								
Explanation : Annex Bridge No Emergency Lighting								
Exit, Service	50%			2025	$19,800	1		
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2038	* *	1	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At Most Entrances And Exits								
Explanation : 15 CCTV Cameras Internet Protocol Digital Video Surveillance Type.								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2030	$118,700	1-3	$29,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Machine Rooms								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS - BK ANNEX
Asset # : 1214

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	50%			2040	* *	5	$14,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 5,000 Gallon Tanks Currently Being Removed								
Natural Gas	50%			2060	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : New Gas Service Installed After Survey								
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	20%	Now	$173,100	2030	$346,300	1	$10,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Controls Throughout								
Under Construction	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2025	$69,700	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,300	
Exhaust Fans								
Interior	95%	Now	$38,800	2030	$387,600	2	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
Explanation : Bad Bearings On One Fan, Control Issues Throughout								
Roof	5%			2030	$8,900	2	$100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Three 150 Gallon Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS - BK ANNEX
Asset # : 1214

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$57,900	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Grease Trap Serving Kitchen								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor								
Explanation : Bad Floor Drains In Cafeteria								
Storm Drain Piping								
Cast Iron	100%	Now	$6,500	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : 1st Floor								
Explanation : Collapsed Area Drain In Lot								
Sump Pump(s)								
Non-Submersible	100%			2030	$18,400	4	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Duplex Unit								
Backflow Preventer								
No Component	50%							
Generic	50%			2035	* *	1	$2,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : One Unit From Sub-basement To 4th Floor, One Unit From Sub-basement To 3rd Floor								
Explanation : 2 Units, 1 Unit Is Out Of Service								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$46,400	
Sprinkler								
No Component	5%							
Generic	95%			2050	* *	1-2	$24,500	
Fire Pump								
Generic	100%			2039	* *	1	$17,200	
Chemical System								
No Component	95%							
Generic	5%	Now	$800	2025	$4,100	1-3	$3,400	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Kitchen Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BROOKLYN HIGH SCHOOL OF ARTS - MAIN BUILDING**				
Address	: **345 DEAN STREET BTWN: 3 AVE., 4 AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K655**
Program / Asset #	: **BOE0653.000 / 677**			**Yr Built/Renovated**	: **1929 / 2005**
Area Sq Ft	: **132,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **20-Jun-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2,4**				
Block	: **192**	**Lot**	: **13**	**BIN**	: **3001190**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$4,431,400	$245,300
Interior Architecture	$809,100	$1,287,400
Electrical	$306,000	$238,900
Mechanical	$867,800	$1,330,600
Total	**$6,414,400**	**$3,102,200**
Importance Code A	$4,431,400	$245,300
Importance Code B	$1,780,400	$2,338,900
Importance Code C	$202,600	$518,000
Total	**$6,414,400**	**$3,102,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$111,900			
Interior Architecture	$171,500			$9,000
Electrical	$2,500	$3,800	$2,500	$2,500
Mechanical	$41,100	$36,100	$31,900	$19,000
Site Enclosure	$21,200			
Site Pavements	$15,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$368,000**	**$43,900**	**$38,300**	**$34,500**
Importance Code A	$125,000	$13,400	$13,100	$13,100
Importance Code B	$170,400	$30,500	$25,300	$21,400
Importance Code C	$72,700			
Total	**$368,000**	**$43,900**	**$38,300**	**$34,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN HIGH SCHOOL OF ARTS - MAIN BUILDING
Asset # : 677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$3,147,900	LIFE	* *	5	$191,100	
Masonry: Granite	5%	Now	$200,700	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	15%	Now	$903,200	LIFE	* *	5	$28,700	
Diagonal Cracks, Extent : Light, Area Affected : 15%								
Location : Pacific Street Facade								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Pacific Street Facade								
Stucco Cement	5%	Now	$72,200	2035	* *	5	$15,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$55,500	2046	* *	5	$11,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Masonry: Brick	88%	Now	$40,900	LIFE	* *	5	$16,200	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Next To Gymnasium Roof								
Masonry: Limestone	10%	Now	$22,800	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	2%	0-2	$4,900	2035	* *	5	$2,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Roof By Gymnasium								
Roof								
Built-Up (BUR)	75%	Now	$43,300	2035	* *			1
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Over Room 440								
Copper/Terne	20%	Now	$52,000	2045	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Above Bulkhead Stairs								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Over Gymnasium And Above Bulkhead Stairs								
Modified Bitumen	5%			2030	$54,100	10	$5,000	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
BROOKLYN HIGH SCHOOL OF ARTS - MAIN BUILDING
Asset # : 677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$90,300	
Ceramic Tile	5%	Now	$29,100	2033	$582,200	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Terrazzo	10%	Now	$38,600	LIFE	* *	5	$16,100	
Horizontal Cracks, Extent : Light, Area Affected : 25%								
Location : First Floor								
Traffic Topping	5%	0-2	$12,300	2035	* *	5	$6,500	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%	0-2	$39,900	2035	* *	3	$27,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	25%	0-2	$61,600	2045	* *	5	$48,400	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Gymnasiums And By Classroom Radiators								
Interior Walls								
Cast in Place Concrete	10%	Now	$71,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room And Basement Mechanical Spaces								
Cast Stone/Terra Cotta	5%			LIFE	* *			
Ceramic Tile	5%	0-2	$10,400	2033	$518,000	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Gypsum Board	15%	Now	$7,900	LIFE	* *	5	$16,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement, Toilets And Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	0-2	$33,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	35%	2-4	$80,200	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Music Room, Throughout Basement, Room 440, 2nd Floor Corridor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Music Room, Throughout Basement, Room 440, 2nd Floor Corridor								
SGFT/Glazed Masonry	15%	0-2	$50,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
BROOKLYN HIGH SCHOOL OF ARTS - MAIN BUILDING
Asset # : 677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2043	* *	5	$10,300	
Exposed Struc: Concrete	20%	Now	$309,500	LIFE	* *	5	$6,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Basement Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$235,500	LIFE	* *	5	$96,800	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Basement And Room 440								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$12,700	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Swing Gates Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%	Now	$8,500	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$15,900	2043	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : At Tree Pits Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%			2033	$48,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
BROOKLYN HIGH SCHOOL OF ARTS - MAIN BUILDING
Asset # : 677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 4,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$600	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2038	* *	5	$600	
Fused Toggle Switch	5%			2038	* *	5	$200	
Molded Case Bkrs	75%			2038	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$109,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms, Offices, Common Spaces, Science Laboratories And Prep Rooms								
Explanation : T-12 Lamps Replaced With T-8 Approximately 4 To 5 Years Back								
Fluorescent	5%			2038	* *	10	$6,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Incandescent	5%			2025	$182,800	2	$100	
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	80%			2035	* *	10	$300	
HID	20%	Now	$123,200	2040	* *			
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Building Perimeter								
Alarm								

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DEPARTMENT OF EDUCATION - 040
BROOKLYN HIGH SCHOOL OF ARTS - MAIN BUILDING
Asset # : 677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	50%							
Generic	50%			2030	$123,900	1	$24,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Internet Protocol Digital Video Surveillance Type								
Fire/Smoke Detection								
No Component	50%							
Under Construction	50%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank For No.2 Fuel And Flow Valves Are Broken								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$130,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$185,600	2040	* *	4	$6,500	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Back Ups In Return System								
Terminal Devices								
Air Handler	30%	Now	$149,000	2030	$745,200	1	$22,000	
Broken, Extent : Severe, Area Affected : 30%								
Location : Basement								
Convector/Radiator	70%			2035	* *	1	$29,800	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	90%			2025	$450,100	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,600	

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DEPARTMENT OF EDUCATION - 040
BROOKLYN HIGH SCHOOL OF ARTS - MAIN BUILDING
Asset # : 677

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2030	$585,400	2	$4,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Six 100 Gallon Units								
Sanitary Piping								
Cast Iron	100%	2-4	$83,100	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : All Floors								
Explanation : Beyond Life Span And Constant Back Ups								
Storm Drain Piping								
Cast Iron	100%	2-4	$23,300	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : All Floors								
Explanation : Beyond Life Span And Constant Back Ups								
Sump Pump(s)								
Non-Submersible	100%			2030	$26,400	4	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$7,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BROOKLYN REGIONAL OFFICES P.S. 231**		
Address	: **360 36 STREET BTWN: 4TH AVE., 3 AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K231**
Program / Asset #	: **BOE0610.010 / 4230**	**Yr Built/Renovated**	: **1966 / 2006**
Area Sq Ft	: **22,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **696** **Lot** : **31**	**BIN**	: **3337060**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$57,600	
Interior Architecture	$680,300	$214,600
Electrical	$56,700	$412,200
Mechanical	$83,300	$341,100
Total	**$878,000**	**$967,900**
Importance Code A	$57,600	
Importance Code B	$820,400	$840,100
Importance Code C		$127,800
Total	**$878,000**	**$967,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$55,200			
Interior Architecture	$31,000	$3,100		
Electrical	$2,300	$24,500	$2,100	$2,100
Mechanical	$9,700	$800	$4,400	$800
Total	**$98,300**	**$28,300**	**$6,400**	**$2,800**
Importance Code A	$55,200			
Importance Code B	$15,000	$28,300	$6,400	$2,800
Importance Code C	$28,100			
Total	**$98,300**	**$28,300**	**$6,400**	**$2,800**

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DEPARTMENT OF EDUCATION - 040
BROOKLYN REGIONAL OFFICES P.S. 231
Asset # : 4230

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	13%			LIFE	* *	5	$17,700	
Masonry: Brick	85%			LIFE	* *	5	$23,200	
Masonry: Limestone	2%			LIFE	* *	5	$400	
Windows								
Aluminum	100%	4+	$57,600	2046	* *	5	$3,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Metal Rail	100%	4+	$43,400	2035	* *	5	$45,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%	0-2	$11,800	2035	* *			
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Seams								
Modified Bitumen	10%			2030	$24,600	10	$2,300	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$6,700	
Ceramic Tile	5%			2033	$86,800	5	$1,500	
Terrazzo	5%	4+	$2,900	LIFE	* *	5	$1,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Stair Entry								
Vinyl Tile	80%			2025	$680,300	3	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%	0-2	$2,600	2033	$127,800	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : First Floor Toilet								
Concrete Masonry Unit	15%	4+	$13,100	LIFE	* *	5	$2,800	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Plaster	55%	0-2	$12,400	LIFE	* *	5	$7,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 2%								
Location : Room 113								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	85%			LIFE	* *	5	$4,100	
Plaster	15%			LIFE	* *	5	$2,900	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
BROOKLYN REGIONAL OFFICES P.S. 231
Asset # : 4230

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%			2050	* *			
Chain Link	45%			2050	* *			
Iron Picket	45%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$130,000	5	$100	
Raceway								
Conduit	80%			2030	$49,000	1		
Conduit	20%			2040	* *	1		
Panelboards								
Molded Case Bkrs	100%			2029	$99,800	5	$600	
Wiring								
Braided Cloth	80%			2029	$61,800	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$20,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2030	$18,500	10	$2,700	
Exit, Battery	50%			2035	* *	10	$700	

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DEPARTMENT OF EDUCATION - 040
BROOKLYN REGIONAL OFFICES P.S. 231
Asset # : 4230

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	1%			2025	$1,000	10		
LED	99%			2035	* *			
Alarm								
Security System								
Generic	50%			2030	$20,600	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2035	* *	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Fire/Smoke Detection								
Generic, Analog	100%			2025	$56,700	1-3	$13,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Bells And Manual Pull Station. System Connected To Main Panel In Asset 1236								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Plant Campus Steam / PRV	100%			2030	$3,100	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : PS 371, Asset 1236								
Explanation : Heat From Adjacent Building								
Distribution								
Steam Piping/Pump	100%	0-2	$8,800	2030	$176,200			
Obsolete Equipment, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump In Sub-basement								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump In Sub-basement								
Terminal Devices								
Convector/Radiator	100%			2035	* *	1	$7,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2025	$83,300	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$12,300	

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DEPARTMENT OF EDUCATION - 040
BROOKLYN REGIONAL OFFICES P.S. 231
Asset # : 4230

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%			2030	$58,500	2	$400	
Roof	40%			2030	$17,100	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$106,400	4	$2,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$4,400	4	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Crawl Space In Sub-basement								
Explanation : Located In Crawl Space Accessed In Sub-basement								
Sewage Ejector(s)								
Electric	100%			2030	$11,500	4	$900	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BROOKLYN SCHOOL OF INQUIRY - BK**		
Address	: **50 AVENUE P BTWN: STILLWELL AVE. - W.13 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K686**
Program / Asset #	: **BOE1089.000 / 14440**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **107,741**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **6618** **Lot** : **1**	**BIN**	: **3175240**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$60,700	$164,900
Interior Architecture		$255,000
Electrical		$98,800
Mechanical	$133,600	
Total	**$194,200**	**$518,800**
Importance Code A	$60,700	$164,900
Importance Code B	$133,600	$227,800
Importance Code C		$126,000
Total	**$194,200**	**$518,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$15,400	$19,600	
Interior Architecture	$36,300	$13,700	$17,700	
Electrical	$11,100	$15,600	$12,100	$12,900
Mechanical	$12,200	$15,800	$24,000	$17,700
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$71,500**	**$72,300**	**$85,300**	**$42,400**
Importance Code A	$5,300	$20,800	$25,100	$5,300
Importance Code B	$33,800	$40,300	$60,200	$37,100
Importance Code C	$32,300	$11,300		
Total	**$71,500**	**$72,300**	**$85,300**	**$42,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL OF INQUIRY - BK
Asset # : 14440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,200	
Glass Block	3%			LIFE	* *	5	$1,600	
Masonry: Brick	70%			LIFE	* *	5	$58,700	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$15,700	
Metal Panel	5%			2050	* *	5-10	$28,800	
Window Wall	2%			2050	* *	5	$6,300	
Windows								
Aluminum	100%			2046	* *	5	$39,200	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$106,200	
Masonry: Brick	45%			LIFE	* *	5	$10,300	
Metal Panel	10%			2050	* *	5	$8,900	
Roof								
IRMA/Protected Membrane	85%			2035	* *	10	$60,700	
Under Construction	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Main Roof								
Explanation : Greenhouse Installation In Progress								
Soffits								
Metal Panel	95%			2050	* *	5-10		
Stucco Cement	5%			2043	* *	5		
Interior								
Floors								
Carpet	5%			2029	$142,600	3	$12,100	
Cast in Place Concrete	10%			LIFE	* *	5	$35,300	
Ceramic Tile	5%			2039	* *	5	$8,100	
Quarry Tile	2%			2043	* *	5	$4,800	
Sheet Vinyl/Rubber	2%			2035	* *	5	$4,800	
Terrazzo	3%			LIFE	* *	5	$3,800	
Vinyl Tile	68%			2035	* *	3	$41,100	
Wood	5%			2058	* *	5	$15,100	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	20%			2039	* *	5	$64,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,500	
Glass: Single Pane	3%			LIFE	* *	5	$7,300	
Gypsum Board	65%			LIFE	* *	5	$126,000	
Operable Wall	2%			2050	* *	5	$22,600	
Ceilings								
AcousTileSusp.Lay-In	80%			2043	* *	5	$129,000	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	13%			LIFE	* *	5	$26,200	
Metal Panel	2%			LIFE	* *	5	$4,000	
Site Enclosure								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL OF INQUIRY - BK
Asset # : 14440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	10%			2050	* *			
Concrete Masonry Unit	85%			2050	* *			
Iron Picket	5%			2065	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : This Is Actually A Painted Steel Fence								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	65%			2039	* *			
Pavers/Stone	5%			2039	* *			
Rubber Matting	30%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1,600 Ampere Service Switch								
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Molded Case Bkrs	100%			2052	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$33,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL OF INQUIRY - BK
Asset # : 14440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2043	* *	1	$41,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : 350 Kilowatt Diesel Generator								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,000	
Fuel Storage								
Main Tank	100%			2065	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$79,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : T-8 Lamp Type Lighting Fixtures								
Fluorescent	20%			2038	* *	10	$19,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Egress Lighting								
Exit, Service	50%			2038	* *	1		
Exit, Battery	50%			2038	* *	10	$3,600	
Exterior Lighting								
HID	100%			2038	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$12,100	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2038	* *	1-3	$26,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2050	* *	1		
Natural Gas	90%			2050	* *	1		
Conversion Equipment								
Furnace	100%			2035	* *	1	$53,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Units Providing Heat And Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL OF INQUIRY - BK
Asset # : 14440

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Fan Coil Unit/Heat	100%	Now	$133,600	2035	* *	1	$31,300	
Broken, Extent : Severe, Area Affected : 30%								
Location : Variable Air Volume Box Electric Reheat Coils Located Throughout Building								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2035	* *	2	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Units								
Split Unit	5%			2035	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,100	
Exhaust Fans								
Roof	100%			2035	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$4,300	
Backflow Preventer								
Generic	100%			2035	* *	1	$6,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Basement To 4th Floor, One Unit From Basement To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$30,200	

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DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL OF INQUIRY - BK
Asset # : 14440

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2039	* *	1	$20,100	
Chemical System								
No Component	97%							
Generic	3%			2028	$2,400	1-3	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BROOKLYN STUDIO (TANDEM 128) - K /FORMER P.S. 721 (OTC)**		
Address	: **8310 21 AVENUE / 2075 84 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K721**
Program / Asset #	: **BOE0435.000 / 1364**	**Yr Built/Renovated**	: **1900 / 2011**
Area Sq Ft	: **110,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6329** **Lot** : **32**	**BIN**	: **3165232**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$503,100	$90,400
Interior Architecture	$8,077,800	$2,581,700
Electrical	$96,900	$1,720,500
Mechanical	$321,300	$1,041,100
Site Pavements	$121,300	$299,100
Total	**$9,120,500**	**$5,732,800**
Importance Code A	$503,100	$141,800
Importance Code B	$8,455,100	$5,591,000
Importance Code C	$162,300	
Total	**$9,120,500**	**$5,732,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$50,200		$6,200	
Interior Architecture	$128,400			$16,500
Electrical	$11,100	$10,400	$23,800	$10,700
Mechanical	$115,800	$21,500	$36,200	$16,100
Site Enclosure	$2,000			
Site Pavements	$16,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$328,200**	**$35,800**	**$70,200**	**$47,200**
Importance Code A	$98,100	$10,900	$17,400	$10,900
Importance Code B	$171,200	$24,900	$52,800	$36,300
Importance Code C	$58,900			
Total	**$328,200**	**$35,800**	**$70,200**	**$47,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN STUDIO (TANDEM 128) - K /FORMER P.S. 721 (OTC)
Asset # : 1364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	20%	Now	$230,200	LIFE	* *	5	$90,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Brick	70%	Now	$166,700	LIFE	* *	5	$40,500	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Rooms 110, 414 And Other Areas Throughout								
Metal Panel	5%			2041	* *	5-10	$19,900	
Stucco Cement	5%	Now	$8,200	2036	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2053	* *	5	$21,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,300	
Masonry: Brick	90%	0-2	$36,100	LIFE	* *	5	$14,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Asphalt Shingle	25%			2034	* *	10	$5,900	
Built-Up (BUR)	75%			2036	* *	10	$106,200	
Soffits								
Stucco Cement	100%			2036	* *	5	$1,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN STUDIO (TANDEM 128) - K /FORMER P.S. 721 (OTC)
Asset # : 1364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$28,100	LIFE	* *	5	$36,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement, Boiler Room								
Ceramic Tile	5%	Now	$23,300	2034	* *	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Toilet Rooms								
Vinyl Tile	55%	Now	$125,300	2031	$2,506,500	3	$34,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	Now	$145,600	2026	$7,279,000	3	$15,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$24,600	2046	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$23,800	2034	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	3%	Now	$18,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Plaster	77%	Now	$162,300	LIFE	* *	5	$40,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$10,300	2036	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Infill Arch	15%			LIFE	* *			
Plaster	75%	Now	$365,700	LIFE	* *	5	$75,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2041	* *			
Iron Picket	95%			2051	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN STUDIO (TANDEM 128) - K /FORMER P.S. 721 (OTC)
Asset # : 1364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$2,000	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stone Clad								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$121,300	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$8,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$7,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Parking Area								
Activity Yard								
Asphalt	80%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Schoolyard								
Explanation : Recent Patching And Painted								
Rubber Matting	20%			2031	$299,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$260,100	5	$500	
Raceway								
Conduit	70%			2031	$170,600	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$300	
Fused Toggle Switch	1%			2030	$2,400	5		
Molded Case Bkrs	5%			2039	* *	5	$100	
Molded Case Bkrs	84%			2030	$201,200	5	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN STUDIO (TANDEM 128) - K /FORMER P.S. 721 (OTC)
Asset # : 1364

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%			2030	$102,600	1		
Thermoplastic	40%			2031	$136,700	1		
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$95,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2036	* *	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2031	$6,800	1		
Emergency, Battery	40%			2036	* *	10	$10,600	
Exit, Battery	50%			2036	* *	10	$3,700	
Exterior Lighting								
HID	100%			2031	$513,300	10	$300	
Alarm								
Security System								
Generic	50%			2031	$103,200	1	$20,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$20,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	20%							
Generic, Digital	80%			2036	* *	1-3	$55,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
BROOKLYN STUDIO (TANDEM 128) - K /FORMER P.S. 721 (OTC)
Asset # : 1364

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two No.2 Oil Tanks, 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$47,900	2036	* *	1	$98,000	
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Boiler No.1 Manhole Located In Basement								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler No.2 Burner Air Damper Located In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Four Dual Fuel Steam Boilers.								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$154,700	2041	* *	4	$5,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum/condensate Pumps In Basement; Steam Piping Leak In Basement Break Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
Terminal Devices								
Air Handler	35%	Now	$36,200	2031	$724,500	1	$21,400	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Pneumatic Controls, Throughout In Brooklyn Studio								
Convector/Radiator	65%			2036	* *	1	$23,100	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2024	$166,700	1		
On Extended Life, Extent : Light, Area Affected : 30%								
Location : Brooklyn Studio K128								
Window/Wall Unit	35%			2030	$145,900	1		
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : Majority Of Rooms In K721 Building								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$24,500	
No Component	60%							
Exhaust Fans								
Interior	35%			2031	$170,800	2	$1,200	
Roof	5%			2031	$10,700	2	$200	
No Component	60%							

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DEPARTMENT OF EDUCATION - 040
BROOKLYN STUDIO (TANDEM 128) - K /FORMER P.S. 721 (OTC)
Asset # : 1364

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$28,100	2036	* *	1		
Abandoned in Place, Extent : Light, Area Affected : 10%								
Location : Pressure Booster Pump System In Basement Sprinkler Room								
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Leak At Water Main In Basement Sprinkler Room								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$16,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,500	
Fixtures								
Generic	100%							
Not in Service, Extent : Severe, Area Affected : 2%								
Location : Broken Sink In Basement Girls Toilet Room								
Other Observation, Extent : Light, Area Affected : 25%								
Location : 1st Floor								
Explanation : Recent Upgrade Of Boys And Girls Toilet Room Fixtures: Toilets, Urinals And Sinks.								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Street Level								
Explanation : One Freight Elevator For Cafeteria Supply.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2051	* *	1-2	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**BROOKLYN TECHNICAL H.S. - BK**			
Address	:	**29 FORT GREENE PL. @ DEKALB AVE**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K430**
Program / Asset #	:	**BOE0626.000 / 1223**	**Yr Built/Renovated**	:	**1933 / 2009**
Area Sq Ft	:	**677,007**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**17-Nov-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,7,9,10,11**			
Block	:	**2098** **Lot** : **13**	**BIN**	:	**3058752**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$17,332,300	$853,800
Interior Architecture	$22,922,600	$42,386,500
Electrical	$471,700	$6,818,100
Mechanical	$254,200	$34,514,100
Site Enclosure	$125,400	
Site Pavements	$199,400	
Total	**$41,305,700**	**$84,572,400**
Importance Code A	$17,332,300	$1,046,000
Importance Code B	$21,764,600	$83,385,100
Importance Code C	$2,208,800	$141,300
Total	**$41,305,700**	**$84,572,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$73,400		$65,800	
Interior Architecture	$18,100		$25,300	$77,100
Electrical	$44,500	$7,600	$9,900	$16,000
Mechanical	$272,100	$111,500	$136,300	$127,300
Site Pavements	$1,700			
Elevators/Escalators	$119,400	$119,400	$119,400	$119,400
Total	**$529,300**	**$238,500**	**$356,700**	**$339,900**
Importance Code A	$73,400		$65,800	
Importance Code B	$436,100	$238,500	$290,900	$317,200
Importance Code C	$19,800			$22,700
Total	**$529,300**	**$238,500**	**$356,700**	**$339,900**

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DEPARTMENT OF EDUCATION - 040
BROOKLYN TECHNICAL H.S. - BK
Asset # : 1223

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	11%			2053	* *	10	$144,200	
Masonry: Brick	72%	Now	$9,949,000	LIFE	* *	5	$402,800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 50%								
Location : Entire Perimeter								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Masonry: Granite	6%	Now	$264,300	LIFE	* *	5	$25,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Masonry: Limestone	11%	Now	$242,300	LIFE	* *	5	$46,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Various Locations								
Windows								
Aluminum	88%	2-4	$4,905,900	2049	* *	5	$102,900	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Upper Floors								
Bronze/Brass	5%			2041	* *	5	$73,100	
Metal Louvers	2%			2036	* *	10	$29,200	
Steel	5%			2041	* *	5	$146,200	
Parapets								
Masonry: Brick	90%	Now	$1,024,200	LIFE	* *	5	$40,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Masonry: Limestone	10%			LIFE	* *	5-10	$54,800	
Roof								
Cast in Place Concrete	5%			LIFE	* *	10	$24,200	
Copper/Terne	5%			2048	* *	10	$36,300	
Modified Bitumen	55%	0-2	$873,400	2038	* *			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Near Roof Drains								
Paver: Asphalt	30%			2042	* *	10	$130,800	
Skylight, Plastic	5%			2046	* *	1		
Interior								

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DEPARTMENT OF EDUCATION - 040
BROOKLYN TECHNICAL H.S. - BK
Asset # : 1223

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$443,300	
Ceramic Tile	5%			2042	* *	5	$50,700	
Panel/Paver: Cer/Brk	2%	Now	$578,700	2049	* *	5	$22,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Foundry								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Foundry								
Terrazzo	5%	0-2	$473,700	LIFE	* *	5	$39,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Foor Corridor								
Vinyl Tile	20%			2038	* *	3	$76,000	
Vinyl Tile 9" X 9"	23%	Now	$16,453,500	2033	$41,133,700	3	$87,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	35%	4+	$423,100	2048	* *	5	$332,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$113,300	
Ceramic Tile	5%			2042	* *	5	$45,300	
Concrete Masonry Unit	10%	2-4	$425,800	LIFE	* *	5	$36,200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Various Locations On 11th Floor								
Explanation : Paint Peeling								
Masonry: Brick	3%			LIFE	* *	10	$8,200	
Marble Panels	5%	0-2	$399,600	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridors								
Plaster	50%	0-2	$1,102,300	LIFE	* *	5	$135,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Plaster	2%			LIFE	* *	5-10	$15,400	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$90,600	

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DEPARTMENT OF EDUCATION - 040
BROOKLYN TECHNICAL H.S. - BK
Asset # : 1223

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	2-4	$326,100	2038	* *	5	$50,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Various Locations								
AcousTileConcealSpLn	5%	2-4	$81,500	2038	* *	5	$31,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$126,700	
Metal Panel	5%			LIFE	* *	5	$126,700	
Plaster	5%			LIFE	* *	5-10	$87,100	
Plaster	65%	Now	$2,003,200	LIFE	* *	5	$411,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Upper Floors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room Bn2 And Bulkheads								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$125,400	2083	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Expansion Joint Deteriorated								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%	Now	$122,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	5%			2042	* *			
On-Site Walkways								
Cast in Place Concrete	90%	Now	$900	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	10%	Now	$800	2036	* *			
Loose Units, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$77,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
BROOKLYN TECHNICAL H.S. - BK
Asset # : 1223

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2033	$134,600	5	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes And 3,000 Amperes.								
Fused Disc Sw	30%			2033	$57,700	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$1,137,900	5	$2,900	
Raceway								
Conduit	70%			2033	$824,400	1		
Conduit	10%			2053	* *	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$131,700	5	$1,600	
Fused Toggle Switch	2%	2-4	$26,300	2058	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	86%			2032	$1,132,800	5	$15,300	
Molded Case Bkrs	2%			2049	* *	5	$400	
Wiring								
Braided Cloth	30%	2-4	$471,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2043	* *	1		
Thermoplastic	10%			2053	* *	1		
Thermoplastic	20%			2033	$314,500	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$3,200	
Locally Mounted	20%			2031	$125,900	5	$900	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$19,900	
Lighting								

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DEPARTMENT OF EDUCATION - 040
BROOKLYN TECHNICAL H.S. - BK
Asset # : 1223

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	83%			2038	* *	10	$515,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2028	$80,200	10	$200	
Incandescent	8%			2028	$1,500,500	2	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Chandeliers, Decorative Fixtures								
LED	8%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$568,200	10	$81,700	
Exit, Service	40%			2033	$116,800	1		
Exit, Battery	10%			2033	$95,900	10	$4,600	
Exterior Lighting								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Scaffolding								
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$75,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : The Boiler Room Renovation Is In Progress								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : The Boiler Room Renovation Is In Progress. 2 Temporary Steam Boilers Are Being Used.								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN TECHNICAL H.S. - BK
Asset # : 1223

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2033	$5,421,400			
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2028	$2,548,000	1	$83,700	
Convector/Radiator	40%			2031	$2,214,400	1	$87,500	
Fan Coil Unit/Heat	40%			2028	$6,714,100	1	$87,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	$1,302,300	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$1,795,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$597,700	
Exhaust Fans								
Interior	95%			2028	$2,852,500	2	$19,700	
Roof	5%			2033	$65,700	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$86,400	2031	$1,728,600	1		
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Cold Water Valves, Various Locations								
Water Heater With Tanks								
Gas Fired	5%	0-2	$1,200	2031	$23,100	2		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : No. 2 Unit								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, Boiler Room								
Explanation : 2 Tankless Units With Four 500 Gallon Tanks								
Gas Fired	95%			2031	$438,100	2		
HW Heat Exchanger								
Steam Fired	10%	0-2	$32,700	2033	$327,400	4	$6,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units. 2 Inefficient Units								
Steam Fired	90%			2033	$2,946,300	4	$90,400	
Sanitary Piping								
Cast Iron	5%	0-2	$21,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room And 1st Floor Bathrooms								
Cast Iron	95%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
BROOKLYN TECHNICAL H.S. - BK
Asset # : 1223

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	60%	Now	$16,300	2028	$81,300	4	$8,600	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Basement And Pool Filter Room								
Non-Submersible	40%			2028	$54,200	4	$8,600	
Pool Filter/Treatment								
Sand	10%	0-2	$16,500	2031	$54,900	4	$200	
Abandoned in Place, Extent : Severe, Area Affected : 30%								
Location : Number 2 Unit								
Broken, Extent : Moderate, Area Affected : 10%								
Location : 2 Pump Motors, Pool Filter Room								
Corroded, Extent : Moderate, Area Affected : 70%								
Location : Pool Filter Room								
Sand	90%			2031	$494,000	4	$1,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : All Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Five Units From Basement To 7th Floor, Three Units From Basement To 8th Floor, One Unit From Basement To 9th Floor								
Explanation : 9 Units								
Hydraulic	10%			LIFE	* *			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Both Units								
Other Observation, Extent : Light, Area Affected : 10%								
Location : One Basement To Ground Floor, One Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2033	$3,117,300	1-5	$354,000	
Sprinkler								
No Component	90%							
Generic	10%			2033	$936,200	1-2	$19,000	
Fire Pump								
Generic	10%	0-2	$1,300	2029	$64,600	1	$11,400	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Pump Room In Basement								
Generic	90%			2029	$581,800	1	$113,800	

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DEPARTMENT OF EDUCATION - 040
BROOKLYN TECHNICAL H.S. - BK
Asset # : 1223

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2028	$408,000	1-3	$404,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 100 Square Feet In Kitchen								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BUREAU OF SUPPLIES**				
Address	: **44-36 VERNON BLVD**				
Borough	: **QUEENS**			**Agency's Number**	: **Q801**
Program / Asset #	: **BOE0895.000 / 1461**			**Yr Built/Renovated**	: **1931 / 2011**
Area Sq Ft	: **684,590**			**Project Type**	: **EDUCATION**
Date of Survey	: **10-Mar-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **489**	**Lot**	: **1**	**BIN**	: **4005429**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$5,972,200	$1,388,900
Interior Architecture	$2,533,100	$29,104,000
Electrical	$932,400	$3,441,400
Mechanical	$7,509,200	$33,906,900
Site Pavements	$144,200	
Total	**$17,091,000**	**$67,841,200**
Importance Code A	$6,449,600	$6,588,500
Importance Code B	$9,713,600	$60,972,700
Importance Code C	$927,800	$280,100
Total	**$17,091,000**	**$67,841,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,900		$47,900	
Interior Architecture	$103,300	$19,200	$25,600	$938,100
Electrical	$104,500	$98,000	$108,700	$111,100
Mechanical	$56,800	$176,600	$138,400	$201,600
Site Enclosure	$4,100			
Site Pavements	$30,100			
Elevators/Escalators	$47,400	$47,400	$47,400	$47,400
Total	**$385,900**	**$341,200**	**$368,000**	**$1,298,200**
Importance Code A	$46,600	$61,000	$108,900	$62,500
Importance Code B	$259,500	$280,200	$259,100	$1,235,700
Importance Code C	$79,800			
Total	**$385,900**	**$341,200**	**$368,000**	**$1,298,200**

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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%	Now	$1,279,700	LIFE	* *	5	$356,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Window Sill At Penthouse								
Expansion Joint Failure, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Horizontal Cracks, Extent : Light, Area Affected : 15%								
Location : Spandrel Above Windows, Northwest Corner								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Compressor Room In Basement And Staircase F								
Cast in Place Concrete	65%			LIFE	* *	5	$926,800	
Metal Coiling Doors	10%			2036	* *	5	$89,100	
Windows								
Aluminum	70%	Now	$4,255,600	2056	* *	5	$44,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Interior Glass In Mechanical Room								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 35%								
Location : All Facades								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : All Floors At Sills								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Metal Grilles On Ground Level Windows								
Explanation : Rust								
Fiberglass Panel	20%	2-4	$139,300	2039	* *	5	$47,800	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : South Facade								
Glass Block	5%			LIFE	* *	5	$4,000	
Metal Louvers	5%			2034	* *	10	$39,900	
Parapets								
Cast in Place Concrete	60%	Now	$92,000	LIFE	* *	5	$105,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Mechanical Penthouse At North Facade								
Metal Panel	10%			2051	* *	5	$6,600	
Metal Rail	30%			2044	* *	5-10	$92,500	
Roof								
Modified Bitumen	100%	2-4	$149,600	2036	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Interior								

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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2027	$906,100	3	$102,500	
Cast in Place Concrete	65%	Now	$1,133,000	LIFE	* *	5	$1,456,900	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement In Compressor Room								
Ceramic Tile	5%	Now	$144,400	2040	* *	5	$25,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : First Floor Mens And Womens Bathrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : First Floor Mens And Womens Bathrooms								
Terrazzo	5%			LIFE	* *	5	$40,000	
Vinyl Tile	5%			2036	* *	3	$25,600	
Vinyl Tile 9" X 9"	15%			2031	$27,126,800	3	$57,600	
Interior Walls								
Cast in Place Concrete	30%	Now	$393,200	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stairwell F And D								
Ceramic Tile	5%	Now	$118,600	2040	* *	5	$21,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : First Floor Mens And Womens Bathrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : First Floor Mens And Womens Bathrooms								
Concrete Masonry Unit	20%			LIFE	* *	5	$69,000	
Gypsum Board	10%			LIFE	* *	5	$51,700	
Masonry: Brick	5%	Now	$164,200	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 2%								
Location : Holding Area On First Floor								
Metal Coiling Doors	5%			2039	* *	5	$215,500	
Marble Panels	1%	Now	$45,600	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Lobby								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit 3								
Explanation : Lobby Vestibule								
Plaster	20%			LIFE	* *	5	$51,700	
SGFT/Glazed Masonry	4%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$51,200	
AcousTileConcealSpLn	10%	Now	$164,900	2036	* *	5	$64,000	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Second, Third, Fourth And Fifth Floors								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Exterior Perimeter								
Explanation : Water Penetrating Through Window Openings Of Floor Above								
AcousTileSusp.Lay-In	5%			2044	* *	5	$51,200	
Exposed Struc: Concrete	60%			LIFE	* *	5	$96,100	
Exposed Struc: Concrete	10%	Now	$307,100	LIFE	* *	5	$16,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 3%								
Location : Third Floor Stair D								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Tank Room Area In Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Compressor Room In Basement								
Plaster	10%			LIFE	* *	5	$64,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$4,100	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Parking Area Facing Water								
Retaining Walls								
Cast in Place Concrete	5%			2066	* *			
Masonry: Fieldstone	95%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Area								
Explanation : Fieldstone Covered In Wire And Mesh								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	20%			2034	* *			
Cast in Place Concrete	20%	Now	$30,100	2036	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Parking Area Transition To Gravel								
Pavers/Stone	60%	Now	$144,200	2034	* *			
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Parking Area								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking								
Explanation : Gravel								

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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches Rated At 2,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$2,900	
Raceway								
Conduit	40%			2031	$589,000	1		
Conduit	40%			2051	* *	1		
Conduit	20%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$131,700	5	$1,600	
Molded Case Bkrs	40%			2030	$526,900	5	$7,200	
Molded Case Bkrs	20%			2047	* *	5	$3,600	
Molded Case Bkrs	10%			2039	* *	5	$1,800	
Molded Case Bkrs	20%			2053	* *	5	$3,600	
Wiring								
Braided Cloth	30%	2-4	$675,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2051	* *	1		
Thermoplastic	20%			2057	* *	1		
Motor Controllers								
Locally Mounted	30%			2029	$14,100	5	$1,400	
Locally Mounted	70%			2044	* *	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$10,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$210,600	
Generators								
Diesel	100%			2044	* *	1	$265,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Yard								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$25,400	
Fuel Storage								
Main Tank	100%			2066	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Yard								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2039	* *	10	$609,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2039	* *	10	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Compact Fluorescent Lights								
LED	1%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$574,600	10	$82,600	
Exit, Service	50%			2031	$147,600	1		
Exterior Lighting								
HID	20%			2031	$638,900	10	$400	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	20%	Now	$257,000	2041	* *	1	$46,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Warehouse								
Explanation : CCTV Surveillance Cameras Not Functional								
Generic	10%			2031	$128,500	1	$25,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$434,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	80%			2031	$1,256,700	5	$169,700	
Natural Gas	20%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%			2031	$425,900	1	$67,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Rooftop Units								
Steam Boiler	80%	Now	$477,400	2029	$4,773,600	1	$488,100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : All 3 Units, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Defective Units Which Are Out Of Service. 1 Temporary Steam Boiler Is Being Used.								
Distribution								
Steam Piping/Pump	70%			2031	$3,837,500			
Steam Piping/Pump	10%	Now	$328,900	2061	* *			
Corroded, Extent : Severe, Area Affected : 100%								
Location : And Causes Leaking, Various Locations								
No Component	20%							
Terminal Devices								
Air Handler	15%			2026	$1,932,400	1	$63,500	
Convector/Radiator	75%	0-2	$84,000	2029	$4,198,500	1	$149,200	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Loading Area								
Explanation : Insufficient Heat								
Fan Coil Unit/Heat	10%			2026	$1,697,300	1	$22,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2031	$1,010,000	1	$31,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Reciprocating Compr/Chiller	10%			2039	* *	1	$31,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410a Refrigerant								
Ext Pkg Unit - Heating/Cooling	15%			2031	$1,725,300	2	$6,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	20%			2026	$518,700	1		
No Component	45%							

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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2041	* *	4	$5,100	
CW & CHW Wtr Pipe/Pump	10%			2057	* *	4	$5,100	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$1,461,200	1	$84,700	
No Component	80%							
Heat Rejection								
Dry Cooler	10%			2031	$172,800	2	$47,700	
Dry Cooler	10%			2039	* *	2	$47,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$76,300	
No Component	80%							
Exhaust Fans								
Interior	5%	0-2	$75,900	2041	* *	2	$800	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Penthouse								
Interior	25%			2026	$759,100	2	$5,200	
Roof	20%			2031	$265,700	2	$4,200	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
HW Heat Exchanger								
Steam Fired	100%			2031	$3,310,300	4	$67,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$137,100	4	$14,500	
Fixtures								
Generic	85%							
Generic	15%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1st, 2nd, 3rd Floors								
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 6th Floor								
Explanation : 6 Units, 2 Units Are Not Working.								
Fire Suppression								
Standpipe								
Generic	100%			2031	$3,152,200	1-5	$345,200	
Sprinkler								
Generic	100%			2031	$9,467,100	1-2	$191,800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **BUSHWICK HIGH SCHOOL - BK**				
Address	: **400 IRVING AVE. BTWN WOODBINE ST - PUTNAM AVE**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K480**	
Program / Asset #	: **BOE0636.000 / 2524**		**Yr Built/Renovated**	: **1911 / 2007**	
Area Sq Ft	: **205,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **19-Jan-2022**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6**				
Block	: **3365**	**Lot** : **98**	**BIN**	: **3076908**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,511,000	$221,800
Interior Architecture	$7,554,200	$17,134,300
Electrical	$725,300	$1,516,600
Mechanical	$105,700	$4,427,300
Total	**$11,896,200**	**$23,300,000**
Importance Code A	$3,562,400	$413,100
Importance Code B	$5,327,400	$22,767,900
Importance Code C	$3,006,300	$119,000
Total	**$11,896,200**	**$23,300,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$84,200		$9,100	
Interior Architecture	$141,900		$51,900	$17,000
Electrical	$65,700	$21,900	$23,200	$25,700
Mechanical	$117,500	$31,700	$47,900	$28,400
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$432,900**	**$77,300**	**$155,700**	**$94,800**
Importance Code A	$110,000	$17,300	$26,300	$17,300
Importance Code B	$259,800	$60,000	$111,000	$77,500
Importance Code C	$63,200		$18,400	
Total	**$432,900**	**$77,300**	**$155,700**	**$94,800**

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DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$117,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Masonry: Brick	65%			LIFE	* *	5	$326,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Of Building								
Masonry: Brick Cavity	15%			LIFE	* *	5	$75,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Of Building								
Masonry: Fieldstone	7%			LIFE	* *	5	$26,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Explanation : Repairs In Progress, Sidewalk Shed In Use								
Masonry: Granite	2%			LIFE	* *	5	$7,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Masonry: Limestone	3%	Now	$11,900	LIFE	* *	5	$5,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Metal Panel	3%			2053	* *	5-10	$51,700	
Pre-Cast Concrete	2%			LIFE	* *	5	$32,600	
Windows								
Aluminum	100%	Now	$3,167,700	2058	* *	5	$33,200	1
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout New Wing								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : Throughout Old Wing								
Unit Inoperable, Extent : Severe, Area Affected : 25%								
Location : Throughout Old Wing And New Wing								
Parapets								
Cast Stone/Terra Cotta	18%			LIFE	* *	5-10	$76,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$77,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Metal Panel	2%			2053	* *	5	$1,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Coping At New Wing								
Metal Rail	5%			2046	* *	5-10	$13,600	

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BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	11%			2036	* *	10	$800	
Built-Up (BUR)	70%			2043	* *	10	$31,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Cast in Place Concrete	2%			LIFE	* *	10	$1,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Modified Bitumen	15%			2043	* *	10	$6,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Repair In Progress								
Skylight, Metal/Glass	2%			2043	* *	10	$3,000	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$128,700	LIFE	* *	5	$33,100	
Uneven Surface, Extent : Severe, Area Affected : 30%								
Location : Stair Treads In All Stairwells								
Ceramic Tile	5%			2036	* *	5	$15,100	
Ceramic Tile	3%	Now	$153,600	2048	* *	5	$4,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Pool Locker Rooms And Showers								
Quarry Tile	5%			2038	* *	5	$22,700	
Terrazzo	5%			LIFE	* *	5	$23,600	
Vinyl Tile	20%	Now	$83,600	2033	$1,672,200	3	$22,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : Rooms 426, 526								
Vinyl Tile 9" X 9"	25%	Now	$1,335,400	2028	$13,354,200	3	$28,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Uneven Surface, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	32%	Now	$1,733,000	2048	* *	5	$90,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Old Wing Classrooms								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Old Wing Classrooms And Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Old Wing Classrooms And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								

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BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	Now	$111,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Pool Filter Room								
Ceramic Tile	10%	Now	$272,900	2036	* *	5	$36,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Pool, Locker An Kitchen								
Staining/Discoloring, Extent : Severe, Area Affected : 25%								
Location : Throughout Pool Locker Rooms								
Concrete Masonry Unit	10%	Now	$690,700	LIFE	* *	5	$29,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Pool Area								
Folding Partition	2%			2041	* *	5	$36,700	
Glazed Ceramic Panel	2%			LIFE	* *	10	$13,200	
Gypsum Board	10%	Now	$20,600	LIFE	* *	5	$44,100	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Inside Stair Tower Third Floor								
Masonry: Brick	5%			LIFE	* *	10	$11,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Old Wing Basement								
Plaster	54%	Now	$1,931,000	LIFE	* *	5	$119,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Sixth Floor								
Deteriorated Finish, Extent : Severe, Area Affected : 15%								
Location : Various Classrooms From 2nd To 5th Floors Of Old Wing								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Various Classrooms From 2nd To 5th Floors Of Old Wing								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$18,400	

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BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2031	$1,668,100	5	$51,800	
AcousTileSusp.Lay-In	20%	4+	$34,500	2038	* *	5	$51,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	10%	0-2	$155,300	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Pool Filter Room								
Metal Panel	5%			LIFE	* *	5	$64,800	
Plaster	25%	Now	$788,200	LIFE	* *	5	$81,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors On 3rd, 4th And 5th Floor And Pool								
Loose/Delam Surface, Extent : Severe, Area Affected : 15%								
Location : Rooms 404 And 405								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Ceiling Above Pool								
Paint Peeling, Extent : Severe, Area Affected : 15%								
Location : Throughout Old Wing								
Plaster	30%			LIFE	* *	5-10	$267,200	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fence								
Explanation : Construction Netting Installed								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Sidewalk								
Explanation : Sidewalk Shed In Use								
On-Site Walkways								
Cast in Place Concrete	30%			2046	* *			
Not Accessible	70%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Onsite Walkways Throughout								
Explanation : Sidewalk Shed Installed, Construction Zone								
Parking/Driveway								
Pavers/Stone	100%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parking Lot								
Explanation : Crushed Stone								

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BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Activity Ward								
Explanation : Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switches Rated At 1200 Amperes And 800 Amperes.								
Fused Knife Sw	50%	2-4	$51,400	2063	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2000 Amperes Each And On Extended Life.								
Switchgear / Switchboard								
Fused Disc Sw	60%			2053	* *	5	$500	
Molded Case Bkrs	40%			2033	$260,100	5	$2,200	
Raceway								
Conduit	70%			2033	$472,000	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$200	
Fused Disc Sw	5%			2032	$31,900	5	$200	
Molded Case Bkrs	45%			2032	$287,400	5	$2,400	
Molded Case Bkrs	25%			2041	* *	5	$1,400	
Molded Case Bkrs	20%			2049	* *	5	$1,100	
Wiring								
Braided Cloth	75%	2-4	$673,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing Of The Building								
Thermoplastic	25%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	$217,700	5	$800	
Locally Mounted	30%			2046	* *	5	$400	
Locally Mounted	10%	2-4	$36,300	2053	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								

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BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$3,000	
Generic	50%			LIFE	* *	5	$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$63,100	
Generators								
Natural Gas	100%			2042	* *	1	$79,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 53 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$7,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$178,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Service	40%			2038	* *	1		
Emergency, Battery	20%			2033	$68,800	10	$9,900	
Exit, LED	15%			2061	* *	1		
Exit, Service	25%			2028	$22,100	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$76,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Lobby, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Annex								
Explanation : Serves Rooftop Heating And Cooling Units								
Interruptible Gas/Dual Fuel	70%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 12,000 Gallon Tanks For No.2 Fuel								
Conversion Equipment								
Furnace	30%	0-2	$3,800	2033	$191,300	1	$27,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Annex Roof								
Explanation : 9 Units. Mechanical Defections Occur Frequently.								
Steam Boiler	50%	Now	$17,900	2038	* *	1	$91,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Tubes Of Unit No.2, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Steam Boilers								
Steam Boiler	20%			2038	* *	1	$40,600	
Distribution								
Steam Piping/Pump	70%	0-2	$57,500	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Return Line In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Air Handler	3%	0-2	$5,800	2038	* *	1	$3,400	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control.								
Air Handler	3%	0-2	$5,800	2028	$115,700	1	$3,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Of Lunch Area Unit								
Air Handler	19%			2033	$733,000	1	$24,100	
Convector/Radiator	40%			2031	$670,500	1	$26,500	
Fan Coil Unit/Heat	5%	0-2	$25,400	2028	$254,100	1	$3,000	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Explanation : Obsolete Units								
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2033	$1,033,300	2	$3,800	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : 9 Units, Annex Roof								
Window/Wall Unit	40%			2028	$310,600	1		
No Component	30%							
Heat Rejection								
Dry Cooler	15%			2038	* *	2	$21,400	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$9,000	LIFE	* *	2-5	$5,700	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Compressor To Operate The Dampers, Various Locations								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$171,900	
Exhaust Fans								
Interior	40%			2028	$363,700	2	$2,500	
Interior	30%			2038	* *	2	$1,900	
Roof	30%			2033	$119,300	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$523,400	1		
Water Heater With Tanks								
Electric	10%			2033	$9,500	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : One 80 Gallon Unit, Kitchen								
Gas Fired	5%	2-4	$3,400	2033	$3,400	2		
Not Energy Efficient, Extent : Severe, Area Affected : 100%								
Location : Pool Filter Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Pool Filter Room								
Explanation : One 300 Gallon Aged Unit Serves Shower Rooms								
Gas Fired	10%	Now	$6,800	2033	$6,800	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : One Tankless Unit Serves The Pool, Pool Filter Room								
Gas Fired	75%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Tankless Unit With Three 250 Gallon Tanks								
Sanitary Piping								
Cast Iron	15%	0-2	$7,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Pool Filter Room And 1st Floor Locker Rooms								
Cast Iron	85%			LIFE	* *	1		

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Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$41,000	4	$6,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Pool Filter/Treatment								
Sand	100%			2038	* *	4	$2,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	85%			LIFE	* *			
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : It Occurs Frequently								
Other Observation, Extent : N/A, Area Affected : 85%								
Location : One Unit From Basement To 6th Floor, One Unit From 1st To 6th Floor In Main Building								
Explanation : 2 Units								
Hydraulic	15%			LIFE	* *			
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : It Occurs Frequently								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : One Unit From 1st To 3rd Floor, One Freight Unit From Basement To 2nd Floor In Annex								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2043	* *	1-5	$31,000	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Annex								
Explanation : 100 Percent Coverage In Annex								
Sprinkler								
No Component	65%							
Generic	35%			2043	* *	1-2	$20,100	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Explanation : 100 Percent Coverage In Annex, 5 Percent In Main Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **C.S.E. 3 (REGION 10) - M FLOORS 6, 7, 8**				
Address	: **133 MORNINGSIDE AVENUE @ W.125 ST.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **LEASE-M808**
Program / Asset #	: **BOE1075.000 / 14421**			**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **32,707**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 6,7,8**				
Block	: **1951**	**Lot**	: **4**	**BIN**	: **1087468**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$1,323,000
Total		**$1,323,000**
Importance Code B		$1,323,000
Total		**$1,323,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Interior Architecture	$27,800	$2,900		$5,800
Electrical	$500	$300	$34,400	$400
Mechanical	$2,900	$3,300	$9,100	$4,700
Elevators/Escalators	$31,600	$31,600	$31,600	$31,600
Total	**$62,800**	**$38,100**	**$75,000**	**$42,500**
Importance Code B	$62,800	$36,400	$75,000	$42,500
Importance Code C		$1,700		
Total	**$62,800**	**$38,100**	**$75,000**	**$42,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
C.S.E. 3 (REGION 10) - M FLOORS 6, 7, 8
Asset # : 14421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2040	* *	5	$2,400	
Vinyl Tile	95%			2036	* *	3	$23,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$3,400	
Gypsum Board	95%			LIFE	* *	5	$39,000	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	90%			2044	* *	5	$44,100	
Gypsum Board	10%			LIFE	* *	5	$6,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Main Service Equipment And Switch Gear Maintain By Building Owner								
Transformers								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	100%			2057	* *	1		
Panelboards								
Molded Case Bkrs	100%			2053	* *	5	$900	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Not Accessible	100%							
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
C.S.E. 3 (REGION 10) - M FLOORS 6, 7, 8
Asset # : 14421

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$28,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamp								
Fluorescent	5%			2036	* *	10	$1,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$3,900	
Exit, LED	50%			2059	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2036	* *	1	$1,200	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2036	* *	1-3	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby Fisrt Floor								
Explanation : Fire Alarm Located At Lobby By The Building Security.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th, 7th And 8th Floors								
Explanation : Hot Water Service Provided From Base Building Heating Equipment								
Terminal Devices								
Fan Coil Unit/Heat	100%			2031	$810,900	1	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th, 7th And 8th Floors								
Explanation : Variable Air Volume Box With Reheat Coils								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
C.S.E. 3 (REGION 10) - M FLOORS 6, 7, 8
Asset # : 14421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	99%			2029	$512,100	2	$2,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 6th, 7th And 8th Floors							
	Explanation : Packaged Water Cooled Air Conditioning Units							
Split Unit	1%			2036	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,200	
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$17,100	
Sprinkler								
Generic	100%			2051	* *	1-2	$9,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CAMBRIA HEIGHTS ACADEMY - Q**		
Address	: **188-04 91ST AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q799**
Program / Asset #	: **BOE1117.000 / 14573**	**Yr Built/Renovated**	:
Area Sq Ft	: **32,300**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **10443** **Lot** : **1**	**BIN**	: **4222072**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$61,200
Total		**$61,200**
Importance Code B		$61,200
Total		**$61,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$27,300	$4,100	
Interior Architecture	$28,300		$3,900	$16,400
Electrical	$2,200	$2,200	$2,900	$2,700
Mechanical	$7,700	$5,800	$9,200	$5,800
Total	**$38,200**	**$35,200**	**$20,100**	**$24,900**
Importance Code A	$3,200	$30,500	$7,400	$3,200
Importance Code B	$6,700	$4,800	$12,700	$21,700
Importance Code C	$28,300			
Total	**$38,200**	**$35,200**	**$20,100**	**$24,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CAMBRIA HEIGHTS ACADEMY - Q
Asset # : 14573

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$43,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : School Occupies Basement, 1st Floor With 2 Classrooms, 2nd And 3rd Floors								
Explanation : The School Shares Space With A Church. Building Is Former Parochial School.								
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Windows								
Aluminum	100%			2046	* *	5	$8,300	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$7,400	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Rail	10%			2043	* *	5-10	$15,800	
Roof								
Copper/Terne	5%			2045	* *	10	$3,200	
Modified Bitumen	95%			2035	* *	10	$24,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$4,900	
Ceramic Tile	8%			2043	* *	5	$3,500	
Quarry Tile	2%			2047	* *	5	$1,300	
Terrazzo	15%			LIFE	* *	5	$5,200	
Vinyl Tile	70%			2038	* *	3	$11,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	15%			2039	* *	5	$10,800	
Plaster	65%	4+	$22,900	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Window Head At Stair A								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	75%			2047	* *	5	$31,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$2,600	
Plaster	20%			LIFE	* *	5	$5,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CAMBRIA HEIGHTS ACADEMY - Q
Asset # : 14573

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2052	* *	5	$100	
Molded Case Bkrs	90%			2052	* *	5	$800	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	99%			2038	* *	10	$29,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2038	* *	10	$300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$3,900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Staircase And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CAMBRIA HEIGHTS ACADEMY - Q
Asset # : 14573

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$19,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$32,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	20%			2038	* *	1	$4,000	
Convector/Radiator	80%			2035	* *	1	$8,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2038	* *	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit, R-410a Refrigerant								
Split Unit	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units, R-410a Refrigerant								
Window/Wall Unit	50%			2028	$61,200	1		
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2038	* *	1	$6,000	
Fan Coil - 2 Pipe	10%			2038	* *	1	$1,000	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2038	* *	2	$6,800	
Dry Cooler	10%			2038	* *	2	$2,300	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CAMBRIA HEIGHTS ACADEMY - Q
Asset # : 14573

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$10,800	
No Component	40%							
Exhaust Fans								
Interior	40%			2038	* *	2	$400	
Roof	30%			2030	$18,800	2	$300	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$2,000	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CANARSIE HIGH SCHOOL - BK**		
Address	: **1600 ROCKAWAY PKWY @AVENUE K**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K500**
Program / Asset #	: **BOE0641.000 / 2741**	**Yr Built/Renovated**	: **1964 / 2010**
Area Sq Ft	: **255,218**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8222** **Lot** : **1**	**BIN**	: **3230949**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,503,100	$2,876,900
Interior Architecture	$5,793,700	$7,147,300
Electrical	$1,489,800	$6,194,400
Mechanical	$238,900	$9,613,300
Site Pavements	$104,400	
Total	**$11,129,900**	**$25,831,800**
Importance Code A	$3,503,100	$2,969,400
Importance Code B	$7,288,900	$22,862,400
Importance Code C	$337,900	
Total	**$11,129,900**	**$25,831,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$96,500		$67,600	
Interior Architecture	$137,200		$4,800	$33,400
Electrical	$26,300	$31,700	$36,800	$34,700
Mechanical	$241,100	$89,300	$105,400	$167,100
Site Enclosure	$5,500			
Site Pavements	$29,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$544,300**	**$128,800**	**$222,500**	**$243,000**
Importance Code A	$121,800	$25,300	$92,800	$25,300
Importance Code B	$342,500	$103,600	$124,900	$217,800
Importance Code C	$80,000		$4,800	
Total	**$544,300**	**$128,800**	**$222,500**	**$243,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	67%	Now	$1,007,900	LIFE	* *	5	$122,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Wall At Cafeteria								
Masonry: Brick	25%			LIFE	* *	5	$91,300	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$34,300	
Granite Panels	3%	0-2	$33,700	LIFE	* *	5	$4,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : A Main Entrance								
Windows								
Aluminum	98%	Now	$68,200	2049	* *	5	$14,300	
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Corridor Windows At All Three Floors								
Metal Louvers	2%			2036	* *	10	$3,700	
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$133,200	
Metal Rail	10%			2046	* *	5-10	$58,600	
Metal: Cage/Fence	5%			2046	* *	5-10	$12,600	
No Component	25%							
Roof								
Built-Up (BUR)	40%	Now	$1,068,900	2043	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium								
Air/Water Blisters, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium And Gymnasium								
IRMA/Protected Membrane	50%	Now	$1,083,500	2033	$2,708,800			
Insul Miss/Displaced, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : On Insulation								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2046	* *	10	$21,000	
Skylight, Metal/Glass	5%	2-4	$160,800	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2038	* *	5	$66,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$77,800	
Ceramic Tile	5%	0-2	$300,900	2036	* *	5	$8,900	
Cracking/Crumbling, Extent : Light, Area Affected : 70%								
Location : Throughout								
Quarry Tile	5%	Now	$523,600	2038	* *	5	$13,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 70%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$27,800	
Vinyl Tile	70%	Now	$688,000	2033	$6,880,400	3	$93,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria And Classrooms Throughout, Corridors Throughout								
Vinyl Tile 9" X 9"	5%	Now	$3,139,800	2043	* *	3	$6,700	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Storage Rooms								
Wood	5%	Now	$53,100	2061	* *	5	$16,700	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$24,000	
Ceramic Tile	5%	Now	$52,900	2036	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$15,400	
Folding Partition	2%			2041	* *	5	$9,600	
Marble Panels	3%	2-4	$50,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout Main Entrance Lobby								
Plaster	50%	2-4	$234,000	LIFE	* *	5	$28,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$24,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	2-4	$28,600	2038	* *	5	$8,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
AcousTileSusp.Lay-In	10%	0-2	$59,200	2038	* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	5%	0-2	$133,300	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	40%	Now	$471,400	LIFE	* *	5	$177,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Corridors								
Deformed/Dented, Extent : Severe, Area Affected : 55%								
Location : Corridors								
Deteriorated Finish, Extent : Severe, Area Affected : 45%								
Location : Corridors								
Plaster	40%	0-2	$86,600	LIFE	* *	5	$88,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms 324 And 326, Girls Toilet On First Floor								
Site Enclosure								
Fence/Gates								
Chain Link	65%	0-2	$5,500	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : At Dumpster								
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : At Dumpster								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : At Dumpster								
Iron Picket	35%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$104,400	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Along Rockaway Parkway								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Along Rockaway Parkway								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Along Rockaway Parkway								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$7,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	2-4	$11,600	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Activity Yard								
Asphalt	100%	0-2	$11,100	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Track, Tennis Court And Racket Ball Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2033	$41,100	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Section A - Two 1,600 Ampere Main Disconnect Switches								
Fused Disc Sw	40%			2033	$41,100	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Section B - Two 1,600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	10%			2033	$10,300	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Next To Boiler Room								
Explanation : One 1,600 Ampere Disconnect Switch For Sub-distribution No.1 Switchboard								
Switchgear / Switchboard								
Fused Disc Sw	10%			2053	* *	5	$100	
Fused Disc Sw	5%			2033	$32,500	5	$100	
Molded Case Bkrs	85%			2033	$552,700	5	$5,700	
Raceway								
Conduit	95%			2033	$640,600	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$31,900	5	$300	
Molded Case Bkrs	85%			2032	$542,900	5	$5,700	
Molded Case Bkrs	10%			2049	* *	5	$700	

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DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	2-4	$673,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$179,700	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%	2-4	$217,700	2053	* *	5	$500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	40%			2031	$145,200	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main In Basement								
Explanation : Mounting Bolts Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$78,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 300 Ampere Transfer Switch								
Lighting								
Interior Lighting								
Fluorescent	94%			2033	$3,576,200	10	$220,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	3%			2028	$212,100	2	$200	
LED	3%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$30,800	
Exit, Battery	50%			2038	* *	10	$8,600	
Exterior Lighting								
HID	10%	Now	$119,100	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Building Exterior And Football Field								
HID	90%			2038	* *	10	$700	
Alarm								
Security System								
Generic	100%	Now	$479,100	2043	* *	1	$85,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$157,300	

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DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$252,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 4 Units In Boiler Room								
Distribution								
Central Plant Steam Piping/Pmp	25%			2059	* *	4	$3,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Steam Piping/Pump	75%	Now	$76,600	2043	* *			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement Mechanical Room								
Terminal Devices								
Air Handler	6%	Now	$5,800	2033	$288,200	1	$8,500	
Damaged, Extent : Light, Area Affected : 2%								
Location : Fan Room Above Gymnasium - Damaged Flexible Connection At Kitchen Supply Fan #34								
Air Handler	44%			2033	$2,113,200	1	$69,400	
Convector/Radiator	50%			2038	* *	1	$41,200	
Controls								
Pneumatic	100%			2031	$4,932,500			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	2%			2038	* *			
Window/Wall Unit	50%			2028	$483,400	1		
No Component	48%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$225,300	
Exhaust Fans								
Interior	80%	2-4	$18,100	2028	$905,500	2	$5,000	
Loose, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Room 251 - Defective Shafts And Bearings At Exhaust Fans #37 And #39								
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Fan Room - Girls Locker Room Exhaust Fan								
Roof	20%	Now	$99,000	2043	* *	2	$1,300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof - Multiple Fans Are Defective								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Roof								

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DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Galvanized Steel	50%			2038	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$18,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement, During And After Heavy Rain								
Sump Pump(s)								
Non-Submersible	98%	Now	$15,000	2043	* *	4	$5,300	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room								
Submersible	2%			2026	$200	4	$200	
Sewage Ejector(s)								
Electric	100%			2033	$133,600	4	$15,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Tankless Water Heater (POU								
Gas Fired	100%			2028	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 300,000 Btu/hr Input								
Hot Water Storage Tank								
Generic	100%			2033	$15,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 200 Gallons.								
Vertical Transport								
Elevators								
Geared Traction	75%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Hydraulic	25%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$3,600	

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DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	100%			2028	$693,600	1-3	$789,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood is 170 Square Feet (34x5)								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CAREER DEVELOPMENT - M**		
Address	: **113 E 4 TH ST 10003 BTWN: 1 AVE., 2 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M751**
Program / Asset #	: **BOE0151.000 / 519**	**Yr Built/Renovated**	: **1894 / 2002**
Area Sq Ft	: **41,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,3,5**		
Block	: **446** **Lot** : **20**	**BIN**	: **1006208**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$196,000	$71,400
Interior Architecture	$2,702,100	$4,618,400
Electrical	$63,300	$752,200
Mechanical	$458,500	$7,328,900
Site Pavements		$1,013,100
Total	**$3,420,000**	**$13,784,100**
Importance Code A	$196,000	$71,400
Importance Code B	$1,132,300	$9,322,200
Importance Code C	$2,091,700	$4,390,500
Total	**$3,420,000**	**$13,784,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$30,700			
Interior Architecture	$25,300	$3,900		$3,900
Electrical	$8,200	$8,900	$2,000	$1,200
Mechanical	$19,400	$5,700	$9,300	$5,700
Site Enclosure	$40,500			
Site Pavements	$71,500			
Total	**$195,600**	**$18,500**	**$11,300**	**$10,800**
Importance Code A	$34,800	$4,100	$4,100	$4,100
Importance Code B	$79,000	$14,400	$7,200	$6,800
Importance Code C	$81,900			
Total	**$195,600**	**$18,500**	**$11,300**	**$10,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M
Asset # : 519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$71,400	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Rear Facade								
Worn/Eroded, Extent : Light, Area Affected : 20%								
Location : Rear Facade								
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout Front Facade								
Stucco Cement	20%	0-2	$21,600	2035	* *	5	$23,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : West Facade								
Windows								
Aluminum	90%	Now	$196,000	2038	* *	5	$10,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$9,200	2038	* *	5	$11,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Parapets								
Cast Stone/Terra Cotta	6%			LIFE	* *	5	$3,200	
Cast Stone/Terra Cotta	4%			LIFE	* *	5	$2,100	
Masonry: Brick	40%			LIFE	* *	5	$2,800	
Not Accessible	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Not Accessible Due To Lost Key								
Roof								
Skylight, Metal/Glass	10%			2050	* *	10	$9,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Opening Over 5th Floor Classroom								
Not Accessible	90%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Not Accessible Due To Lost Key								
Interior								

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DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M
Asset # : 519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	0-2	$16,100	LIFE	* *	5	$20,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement And Auditorium								
Mosaic Tile	5%			2035	* *	5	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Vinyl Tile	50%	Now	$86,900	2030	$869,300	3	$11,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Throughout, At Stair Treads								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	30%	Now	$337,800	2045	* *	5	$17,700	
Deflection Evident, Extent : Severe, Area Affected : 25%								
Location : Throughout, Room 306								
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								

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DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M
Asset # : 519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$728,000	2033	$3,639,900	5	$33,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stairs, Toilet Rooms And Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Stairs, Toilet Rooms And Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Stairs, Toilet Rooms And Kitchen								
Glass: Single Pane	5%	Now	$100,300	LIFE	* *	5	$24,800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Gypsum Board	5%	Now	$9,300	LIFE	* *	5	$19,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Room 502 In Divided Classroom								
Masonry: Brick	15%	Now	$378,000	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : At Columns In Basement								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	55%	Now	$885,400	LIFE	* *	5	$109,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Rooms 306, 401, 405, 511, Auditorium, Stairwell								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Gymnasium, Cafeteria								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Gypsum Board	3%			LIFE	* *	5	$2,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Plaster	97%	Now	$185,700	LIFE	* *	5	$38,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Stairwell C, At Skylight Room 501								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 1st Floor Reception Area, Cafeteria								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M
Asset # : 519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$40,500	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout Parking Lot And Activity Yard								
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout Parking Lot And Activity Yard								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout Parking Lot								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$2,200	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : On 4th Street And 5th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%	Now	$32,100	2033	$641,400			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Lot On Entrance On 5th Street								
Explanation : 50 Percent Of Lot Used By NYPD 9th Precinct								
Activity Yard								
Asphalt	100%	Now	$37,200	2033	$371,700			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Raceway								
Conduit	80%			2030	$64,800	1		
Conduit	20%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M
Asset # : 519

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2029	$7,000	5		
Fused Knife Sw	5%	2-4	$7,000	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Molded Case Bkrs	90%			2046	* *	5	$1,000	
Wiring								
Braided Cloth	60%	2-4	$63,300	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Thermoplastic	40%			2050	* *	1		
Motor Controllers								
Locally Mounted	10%			2028	$7,200	5		
Locally Mounted	90%			2043	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	80%			2030	$488,900	10	$30,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	20%			2035	* *	10	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2030	$34,400	10	$4,900	
Exit, Service	50%			2030	$8,800	1		
Exterior Lighting								
HID	100%			2030	$191,300	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$3,100	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2038	* *	1-3	$10,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M
Asset # : 519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 3,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$40,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	80%	0-2	$276,700	2040	* *	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Deteriorating Steam And Condensate Return Line Connection Points								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond Boiler Room								
Central Plant Steam Piping/Pmp	20%			2050	* *	4	$400	
Terminal Devices								
Convector/Radiator	90%	Now	$15,100	2028	$301,700	1	$10,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Climate Control								
On Extended Life, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2030	$101,700	1	$1,300	
Malfunctioning, Extent : Moderate, Area Affected : 35%								
Location : First Floor, 1 Of 3 Defective Unit Heater Motors								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$124,300	1		
No Component	20%							
Dehumidifier								
Generic	100%			2031	$6,382,600			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$22,900	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : First Floor								
Exhaust Fans								
Interior	100%			2025	$181,800	2	$1,300	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

CAREER DEVELOPMENT - M

Asset # : 519

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%			2028	$418,700	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Fuel / Instantaneous Type, No Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$8,200	4	$900	
Backflow Preventer								
No Component	98%							
Generic	2%			2035	* *	1	$100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Storage Areas								
Explanation : Serves Storage Areas								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CASCADES HIGH SCHOOL - M**		
Address	: **198 FORSYTH STREET @ STANTON ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M510**
Program / Asset #	: **BOE0137.000 / 1629**	**Yr Built/Renovated**	: **1908 / 2009**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **422** **Lot** : **72**	**BIN**	: **1005626**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$951,900	$773,000
Interior Architecture	$615,800	$3,044,900
Electrical	$159,700	$580,300
Mechanical		$1,454,900
Site Pavements	$57,600	
Total	**$1,784,900**	**$5,853,000**
Importance Code A	$951,900	$773,000
Importance Code B	$651,300	$5,080,000
Importance Code C	$181,700	
Total	**$1,784,900**	**$5,853,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,600		$18,400	
Interior Architecture	$103,200		$10,100	$4,900
Electrical	$17,500	$7,100	$8,700	$7,900
Mechanical	$68,000	$11,600	$16,500	$10,800
Site Enclosure	$23,900			
Site Pavements	$61,600			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$297,800**	**$23,600**	**$58,600**	**$28,600**
Importance Code A	$26,100	$7,500	$25,900	$7,500
Importance Code B	$181,000	$16,100	$30,300	$21,000
Importance Code C	$90,600		$2,400	
Total	**$297,800**	**$23,600**	**$58,600**	**$28,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$740,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Throughout								
Explanation : Scaffolding And Sidewalk Shed Installed								
Masonry: Brick	85%			LIFE	* *	5	$805,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Limestone	5%			LIFE	* *	5	$35,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Aluminum	99%	4+	$178,900	2049	* *	5	$9,400	
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Louvers	1%			2042	* *	10	$1,200	
Parapets								
Under Construction	100%							
Roof								
Copper/Terne	5%			2061	* *	10	$8,400	
Metal Panel	15%			2046	* *	10	$18,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium Roof								
Explanation : Protection Cover Installed								
Under Construction	80%							
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5	$1,700	
Interior								
Floors								
Asphalt Macadam	5%	Now	$42,300	2038	* *	5	$1,400	
Wrinkling, Extent : Moderate, Area Affected : 30%								
Location : Stair Landings								
Cast in Place Concrete	9%			LIFE	* *	5	$44,400	
Ceramic Tile	5%			2042	* *	5	$5,600	
Sheet Vinyl/Rubber	3%			2038	* *	5	$5,100	
Terrazzo	5%	0-2	$10,500	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 1st Floor Lobby								
Vinyl Tile	55%			2038	* *	3	$23,300	
Vinyl Tile 9" X 9"	15%	2-4	$149,300	2033	$2,986,400	3	$6,300	
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms								
Wood	3%			2048	* *	5	$6,300	

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DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$4,800	
Masonry: Brick	15%			LIFE	* *	10	$4,300	
Marble Panels	2%			LIFE	* *	10	$800	
Plaster	78%	Now	$181,700	LIFE	* *	5	$22,400	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor Corridors And Classrooms								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$21,200	
Exposed Struc: Steel	2%			LIFE	* *	10	$4,500	
Plaster	83%	Now	$284,800	LIFE	* *	5	$58,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor Corridors And Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	45%	4+	$10,200	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Courtyard Area								
Iron Picket	55%	4+	$13,600	2068	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Various								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fencing								
Explanation : Construction Netting, Sidewalk Shed And Scaffolding Installed								
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	60%			2068	* *			
Masonry: Brick	40%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$57,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Various								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Shed Installed								

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DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Walkways								
Explanation : Sidewalk Shed Installed								
Masonry: Granite	10%	4+	$45,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Steps On Stanton Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Steps On Stanton Street								
Parking/Driveway								
Asphalt	100%	4+	$16,700	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stanton Street And Eldridge Street								
Activity Yard								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Activity Yard								
Explanation : Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$97,500	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Vertical Sections								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	80%			2032	$143,700	5	$1,600	

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DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2038	* *	5	$300	
Motor Control Center	50%			2038	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$66,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Auditorium, Gymnasium								
Explanation : LED Light Fixtures								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Battery	50%			2038	* *	10	$2,600	
Exterior Lighting								
No Component	75%							
Under Construction	25%							
Alarm								
Security System								
Generic	100%			2033	$142,700	1	$28,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$46,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Horns And Smoke Detectors, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$75,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	Now	$18,300	2043	* *			
Obsolete Equipment, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump, Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Losing Water From Steam Return System								
Steam Piping/Pump	90%			2033	$547,700			
Terminal Devices								
Air Handler	20%			2038	* *	1	$9,400	
Convector/Radiator	80%			2031	$497,200	1	$19,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2028	$215,900	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,100	
Exhaust Fans								
Interior	20%			2038	* *	2	$500	
Roof	60%			2043	* *	2	$1,400	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	Now	$9,700	2031	$194,000	1		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement On Forsyth Street Side.								
Explanation : Inoperable								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 120 Gallon Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	0-2	$4,800	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,200	4	$2,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$31,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: CENTRAL HEADQUARTERS - BK ADMINISTRATION BUILDING		
Address	: 65 COURT ST @LIVINGSTON ST.		
Borough	: BROOKLYN	**Agency's Number**	: K801
Program / Asset #	: BOE0659.000 / 1217	**Yr Built/Renovated**	: 1963 / 2004
Area Sq Ft	: 285,000	**Project Type**	: EDUCATION
Date of Survey	: 16-Mar-2021	**Landmark Status**	: NONE
Areas Surveyed	: Basement, Sub Basement, Roof, Floors 1,12,19,Ph		
Block	: 266 **Lot** : 20	**BIN**	: 3002557

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$8,805,300	$1,011,800
Interior Architecture	$10,020,600	$9,188,600
Electrical	$2,972,200	$2,245,700
Mechanical	$5,900,000	$11,419,500
Total	**$27,698,100**	**$23,865,500**
Importance Code A	$10,295,800	$1,268,700
Importance Code B	$17,033,500	$22,417,100
Importance Code C	$368,700	$179,700
Total	**$27,698,100**	**$23,865,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$98,000	$600		$200
Interior Architecture	$131,000	$24,200		$45,400
Electrical	$26,600	$32,900	$29,000	$62,300
Mechanical	$148,500	$87,300	$176,000	$178,900
Site Pavements	$5,000			
Elevators/Escalators	$93,800	$93,800	$93,800	$93,800
Total	**$502,900**	**$238,800**	**$298,800**	**$380,600**
Importance Code A	$98,000	$28,800	$28,200	$29,100
Importance Code B	$318,700	$209,900	$270,500	$351,600
Importance Code C	$86,200			
Total	**$502,900**	**$238,800**	**$298,800**	**$380,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

CENTRAL HEADQUARTERS - BK ADMINISTRATION BUILDING

Asset # : 1217

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$177,200	
Metal/Glass Curt Wall	45%	Now	$8,063,100	LIFE	* *	5	$299,000	
Caulking Deteriorated, Extent : Severe, Area Affected : 30%								
Location : Various Locations Throughout								
Granite Panels	5%	4+	$43,600	LIFE	* *	5	$13,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : East Side								
Windows								
Aluminum	90%			2048	* *	5	$11,200	
Metal Louvers	10%	Now	$27,600	2035	* *			
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Penthouse								
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$400	
Metal Panel	20%			2042	* *	5	$400	
Metal Rail	10%			2045	* *	5-10	$1,000	
Roof								
IRMA/Protected Membrane	25%	Now	$26,800	2032	$535,500			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Penthouse Roof								
Modified Bitumen	75%	Now	$742,200	2042	* *			
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : 19th Floor Roof								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
Location : 19th Floor Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : 19th Floor Roof								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : 19th Floor Roof								
Explanation : Roof Not Sloping To Drains Causing Water Damage On 19th Floor								
Soffits								
Metal Panel	100%			2042	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

CENTRAL HEADQUARTERS - BK ADMINISTRATION BUILDING

Asset # : 1217

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2031	$856,500	3	$72,600	
Cast in Place Concrete	5%			LIFE	* *	5	$53,000	
Ceramic Tile	5%	Now	$136,500	2035	* *	5	$12,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Toilets Throughout								
Terrazzo	5%	4+	$45,300	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Elevator Lobbies Throughout								
Vinyl Tile	65%	0-2	$173,900	2032	$8,695,600	3	$118,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout								
Vinyl Tile 9" X 9"	10%	Now	$170,900	2027	$8,546,900	3	$18,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : 19th Floor And Basement Office								
Interior Walls								
Ceramic Tile	8%	Now	$229,300	2035	* *	5	$20,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Toilets Throughout								
Concrete Masonry Unit	5%	Now	$49,000	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 19th Floor Cafeteria								
Other Observation, Extent : Light, Area Affected : 10%								
Location : 19th Floor Cafeteria								
Explanation : Temporary Fix With Steel Angles In Place								
Gypsum Board	30%			LIFE	* *	5	$93,800	
Marble Panels	2%	4+	$36,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Lobby								
Plaster	55%	Now	$139,400	LIFE	* *	5	$86,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Staircase								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CENTRAL HEADQUARTERS - BK ADMINISTRATION BUILDING
Asset # : 1217

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	70%	Now	$281,800	2037	* *	5	$169,500	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : 109, 102, 18, C Level, Various Locations Throughout								
Exposed Struc: Concrete	5%	Now	$181,400	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : C Level File Room								
Exposed Reinforcement, Extent : Severe, Area Affected : 25%								
Location : C Level File Room								
Glass: Susp Panels	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$90,800	
Metal Panel	5%	2-4	$160,400	LIFE	* *	5	$30,300	
Bent/Warped Elements, Extent : Light, Area Affected : 5%								
Location : Toilets Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$4,600	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$400	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Livingston Street Loading Dock								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

CENTRAL HEADQUARTERS - BK ADMINISTRATION BUILDING

Asset # : 1217

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2032	$64,200	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch For Service A								
Fused Disc Sw	25%			2032	$64,200	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch For Service B								
Fused Disc Sw	25%			2032	$64,200	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch For Service C								
Fused Disc Sw	25%			2032	$64,200	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electric Service Room								
Explanation : One 2,000 Ampere Main Disconnect Switch For Service D								
Switchgear / Switchboard								
Fused Disc Sw	30%			2032	$214,600	5	$400	
Fused Knife Sw	65%	2-4	$464,900	2062	* *	5	$400	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	5%			2032	$35,800	5	$400	
Raceway								
Conduit	100%			2032	$736,300	1		
Panelboards								
Fused Disc Sw	10%			2031	$63,900	5	$700	
Fused Knife Sw	35%	2-4	$223,500	2057	* *	5	$1,100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Closets Throughout The Building And In Electric Service Room								
Molded Case Bkrs	55%			2031	$351,300	5	$4,100	
Wiring								
Braided Cloth	60%	2-4	$675,400	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2032	$450,300	1		
Motor Controllers								
Locally Mounted	100%			2030	$46,900	5	$1,900	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CENTRAL HEADQUARTERS - BK ADMINISTRATION BUILDING
Asset # : 1217

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	66%			2040	* *	10	$172,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2027	$972,600	10	$52,300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2027		10	$200	
Incandescent	2%			2027	$83,400	2	$100	
LED	10%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$239,200	10	$34,400	
Exit, Service	50%			2027	$61,400	1		
Exterior Lighting								
HID	15%			2027	$199,500	10	$100	
No Component	85%							
Alarm								
Security System								
Generic	100%			2037	* *	1	$106,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2037	* *	1-3	$175,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$662,700	5	$88,300	
Conversion Equipment								
Steam Boiler	100%	4+	$1,490,500	2052	* *	1	$254,000	
Insul. Deteriorating, Extent : Severe, Area Affected : 30%								
Location : Boilers								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Valves At Boiler								
Not in Service, Extent : Severe, Area Affected : 25%								
Location : No.2 Boiler Has Been Out Of Service Since 2009								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

CENTRAL HEADQUARTERS - BK ADMINISTRATION BUILDING

Asset # : 1217

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	70%			2031	$436,300	4	$9,800	
Steam Piping/Pump	30%			2032	$684,700			
Terminal Devices								
Air Handler	30%	Now	$80,400	2027	$1,609,000	1	$47,600	
Controller Not Working, Extent : Severe, Area Affected : 30%								
Location : Air Compressor Which Serves Pneumantic Controls For Air Handling Unit Is Broken Beyond Repair								
Fan Coil Unit/Heat	70%	Now	$989,300	2032	$4,946,300	1	$58,000	
Corroded, Extent : Severe, Area Affected : 70%								
Location : Leaking Drip Pans, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2035	* *	1	$308,400	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units In Sub-basement								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2042	* *	4	$14,000	
Terminal Devices								
Air Handler/Cool/Ht	30%			2027	$1,659,000	1	$52,900	
No Component	70%							
Heat Rejection								
Water Cooling Tower	100%			2030	$1,439,600	2	$286,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 19th Floor Roof And Penthouse Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$158,900	
Exhaust Fans								
Interior	95%			2032	$1,200,800	2	$8,300	
Roof	5%			2032	$27,700	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
HW Heat Exchanger								
Steam Fired	100%	Now	$27,600	2032	$1,378,100	4	$28,200	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Hot Water Tank, Basement								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Hot Water Tank, Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

CENTRAL HEADQUARTERS - BK ADMINISTRATION BUILDING

Asset # : 1217

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$71,800	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 17th And 18th Floor Bathrooms								
Explanation : Lack Of Water Pressure								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$57,100	4	$9,000	
Sewage Ejector(s)								
Electric	100%			2032	$149,200	4	$17,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Sub-basement To 18th Floor, 2 Units From 1st To 9th Floor, 2 Units From 10th To 18th Floor								
Explanation : 5 Passenger Units.								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Sub-basement To Loading Dock								
Explanation : 1 Freight Unit								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$149,000	
Sprinkler								
No Component	90%							
Generic	10%			2032	$394,100	1-2	$8,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Sub-cellar And Cellar								
Explanation : 2 Floors Only								
Fire Pump								
Generic	100%			2035	* *	1	$53,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 19th Floor								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CESIAH TORO MELLAN SCHOOL - BK**		
Address	: **696 JAMAICA AVENUE @ RICHMOND ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K798**
Program / Asset #	: **BOE1088.000 / 14439**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **98,435**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **4102** **Lot** : **19**	**BIN**	: **3327184**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$79,100	$239,300
Interior Architecture	$129,100	
Electrical		$87,600
Total	**$208,200**	**$326,800**
Importance Code A	$79,100	$239,300
Importance Code B	$129,100	$87,600
Total	**$208,200**	**$326,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,600	$9,500		
Interior Architecture	$26,200	$5,400	$14,100	
Electrical	$11,800	$16,800	$13,500	$13,400
Mechanical	$50,000	$9,100	$52,000	$10,800
Site Pavements	$10,900			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$175,200**	**$55,600**	**$94,400**	**$39,000**
Importance Code A	$66,400	$14,400	$5,100	$4,900
Importance Code B	$86,200	$41,300	$89,300	$34,100
Importance Code C	$22,600			
Total	**$175,200**	**$55,600**	**$94,400**	**$39,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$113,700	
Metal Panel	20%	4+	$37,700	2050	* *	5	$53,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Library								
Windows								
Aluminum	100%	4+	$23,900	2046	* *	5	$12,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stairwell A								
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$72,300	
Masonry: Brick Cavity	15%			LIFE	* *	5	$2,100	
Metal Panel	35%			2050	* *	5	$19,000	
Roof								
IRMA/Protected Membrane	100%			2035	* *	10	$79,100	
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								
Floors								
Carpet	2%			2029	$51,000	3	$4,300	
Cast in Place Concrete	5%			LIFE	* *	5	$15,800	
Ceramic Tile	5%			2039	* *	5	$7,200	
Sheet Vinyl/Rubber	5%			2035	* *	5	$10,800	
Terrazzo	8%			LIFE	* *	5	$9,000	
Vinyl Tile	70%			2035	* *	3	$37,900	
Wood	5%	Now	$129,100	2058	* *	5	$6,800	
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Gymnasium								
Explanation : Water Damage From Broken Pipe.								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	30%			2039	* *	5	$45,200	
Concrete Masonry Unit	35%			LIFE	* *	5	$21,100	
Gypsum Board	30%			LIFE	* *	5	$27,100	
Ceilings								
AcousTileSusp.Lay-In	60%			2043	* *	5	$86,600	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%			2035	* *			
Gypsum Board	20%			LIFE	* *	5	$36,100	
Metal Panel	5%			LIFE	* *	5	$9,000	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2065	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$10,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Front Entrance								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	15%			2039	* *			
Cast in Place Concrete	10%			2043	* *			
Pavers/Stone	15%			2039	* *			
Rubber Matting	20%			2035	* *			
No Component	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Activity Yard								
Explanation : This Is Actually Artificial Grass Surface								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$400	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2052	* *	5	$200	
Molded Case Bkrs	90%			2052	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$30,300	
Generators								
Diesel	100%			2043	* *	1	$38,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 255 Kilowatt Supplied Emergency Power To Fire Pump And Lighting								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2065	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : One 275 Gallon								
Lighting								
Interior Lighting								
Fluorescent	87%			2038	* *	10	$78,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	10%			2038	* *	10	$9,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2038	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, Service	40%			2038	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Door And Main Hallway And Rear Door								
Explanation : Camera								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2038	* *	1-3	$42,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	100%			2035	* *	1	$48,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%	Now	$29,800	2035	* *	2	$4,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Dampers And Controls On Rooftop Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Split Unit	10%			2035	* *			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$128,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,900	
Exhaust Fans								
Roof	100%	Now	$9,600	2035	* *	2	$2,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 2 Units On The Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,900	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement To Ground Floor								
Explanation : One Unit Is Not Being Used								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$27,600	
Fire Pump								
Generic	100%			2039	* *	1	$18,400	
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CHELSEA VOCATIONAL H.S. - M**				
Address	: **131 AVENUE OF AMERICAS @ BROOME ST**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M615**	
Program / Asset #	: **BOE0143.000 / 2698**		**Yr Built/Renovated**	: **1905 / 2011**	
Area Sq Ft	: **99,600**		**Project Type**	: **EDUCATION**	
Date of Survey	: **28-Nov-2018**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,5**				
Block	: **491**	**Lot** : **16**	**BIN**	: **1007378**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$175,300	$237,100
Interior Architecture	$563,700	$3,620,600
Electrical	$208,000	$220,600
Mechanical	$1,349,400	$684,500
Total	**$2,296,500**	**$4,762,900**
Importance Code A	$175,300	$237,100
Importance Code B	$1,898,400	$4,115,300
Importance Code C	$222,700	$410,400
Total	**$2,296,500**	**$4,762,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,200	$9,700		
Interior Architecture	$146,000			$13,000
Electrical	$1,400	$38,600	$1,400	$700
Mechanical	$34,900	$16,000	$24,100	$15,800
Total	**$213,400**	**$64,300**	**$25,500**	**$29,500**
Importance Code A	$41,100	$19,800	$9,900	$9,900
Importance Code B	$108,600	$44,500	$15,700	$19,700
Importance Code C	$63,700			
Total	**$213,400**	**$64,300**	**$25,500**	**$29,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$144,600	
Masonry: Brick	75%			LIFE	* *	5	$92,500	
Masonry: Limestone	5%			LIFE	* *	5	$4,600	
Stucco Cement	5%			2043	* *	5	$15,400	
Windows								
Aluminum	97%	Now	$99,800	2046	* *	5	$20,900	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	3%	Now	$31,200	2055	* *	5	$6,500	
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Split/Cracked, Extent : Moderate, Area Affected : 60%								
Location : Basement								
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$25,800	
Copper/Terne	20%			2065	* *	5	$10,800	
Masonry: Brick	20%			LIFE	* *	5	$2,200	
Metal Panel	20%			2050	* *	5	$8,600	
Slate	10%			LIFE	* *	5	$1,100	
Roof								
Built-Up (BUR)	100%			2035	* *	10	$75,600	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%	Now	$17,700	LIFE	* *	5	$22,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	3%	Now	$5,000	2033	$251,700	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Toilets								
Vinyl Tile	70%	Now	$143,900	2030	$2,877,500	3	$39,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Corridors, All Floors								
Wood	20%	2-4	$35,500	2045	* *	5	$27,900	
Dry Rot/Decay, Extent : Light, Area Affected : 2%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$7,100	2033	$355,500	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	5%	Now	$41,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement Boiler Area								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Boiler Area								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout Basement Boiler Area								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Boiler Area								
Metal Panel	7%	0-2	$15,600	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Stair Wells								
Plaster	85%	Now	$222,700	LIFE	* *	5	$54,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Window Heads Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Window Heads Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$2,400	2035	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	5%	Now	$21,600	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Plaster	90%	Now	$197,100	LIFE	* *	5	$81,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Around Perimeter Windows Throughout And 5th Floor Classrooms								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			

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DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two 1,200 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	50%			2050	* *	1		
Conduit	50%			2030	$100,900	1		
Panelboards								
Molded Case Bkrs	50%			2046	* *	5	$1,300	
Molded Case Bkrs	50%			2029	$119,700	5	$1,300	
Wiring								
Braided Cloth	40%	2-4	$116,700	2055	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	60%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$91,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Lamps T-8								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	20%			2035	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$37,400	1	$7,400	
Fire/Smoke Detection								
No Component	80%							
Under Construction	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement Vault							
	Explanation : Two No. 2 Oil Tanks; 4,000 Gallons Each							
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$98,600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : Two No. 2 Oil Burning Steam Boilers							
Distribution								
Central Plant Steam Piping/Pmp	100%			2040	* *	4	$7,400	
Terminal Devices								
Air Handler	40%			2025	$749,700	1	$24,600	
Convector/Radiator	55%			2028	$447,900	1	$17,700	
Fan Coil Unit/Heat	5%			2025	$123,500	1	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	10%			2030	$236,500			
Window/Wall Unit	75%			2025	$283,000	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,500	
Exhaust Fans								
Roof	100%			2025	$193,300	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2060	* *	1		
	Recent Installation, Extent : N/A, Area Affected : 100%							
	Location : Basement, Installation In Progress							
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 3 Tanks 175 Gallons Each							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$19,900	4	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2038	* *	1	$6,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$2,800	
Chemical System								
Wet	2%			2028	$1,600	1-3	$1,700	
No Component	98%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CHRISTOPHER COLUMBUS H.S. - BX**		
Address	: **925 ASTOR AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X415**
Program / Asset #	: **BOE0322.000 / 352**	**Yr Built/Renovated**	: **1939 / 2009**
Area Sq Ft	: **262,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4358** **Lot** : **1**	**BIN**	: **2050179**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,096,500	$1,751,000
Interior Architecture	$2,548,500	$632,900
Electrical	$180,200	$8,669,500
Mechanical	$1,299,200	$5,594,300
Site Enclosure	$230,000	
Site Pavements		$1,666,500
Total	**$7,354,400**	**$18,314,200**
Importance Code A	$3,096,500	$1,823,000
Importance Code B	$4,123,500	$16,440,800
Importance Code C	$134,400	$50,500
Total	**$7,354,400**	**$18,314,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$93,400			
Interior Architecture	$58,600		$47,700	$10,500
Electrical	$71,400	$24,500	$25,700	$32,400
Mechanical	$51,600	$51,800	$72,100	$64,100
Site Pavements	$31,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$310,800**	**$80,200**	**$149,400**	**$111,000**
Importance Code A	$119,300	$25,900	$25,900	$25,900
Importance Code B	$149,400	$54,300	$123,500	$74,500
Importance Code C	$42,100			$10,500
Total	**$310,800**	**$80,200**	**$149,400**	**$111,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Masonry: Brick	75%	Now	$330,400	LIFE	* *		5	$200,600	
Water Penetration, Extent : Severe, Area Affected : 2%									
Location : Water Meter Room B27 Near Front Steps									
Masonry: Limestone	25%	4+	$105,300	LIFE	* *		5	$50,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Staining/Discoloring, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Windows									
Aluminum	100%	Now	$1,803,700	2041	* *		5	$47,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Glazing Clouded, Extent : Severe, Area Affected : 80%									
Location : Throughout									
Loose/Miss Fasteners, Extent : Light, Area Affected : 10%									
Location : Throughout									
Parapets									
Cast Stone/Terra Cotta	10%			LIFE	* *		5-10	$68,300	
Masonry: Brick	55%			LIFE	* *		5-10	$90,500	
Masonry: Brick	30%			LIFE	* *		5-10	$49,400	
Masonry: Limestone	5%			LIFE	* *		5-10	$14,700	
Roof									
Built-Up (BUR)	55%	Now	$28,900	2033		$1,444,000			
Water Penetration, Extent : Severe, Area Affected : 5%									
Location : Room 473, Fan Room									
Copper/Terne	10%			2061	* *		10	$56,200	
Modified Bitumen	5%			2038	* *		10	$11,200	
Modified Bitumen	30%	Now	$737,600	2043	* *				
Alligatoring, Extent : Moderate, Area Affected : 60%									
Location : Gymnasium And Library Roof									
Blisters, Extent : Moderate, Area Affected : 30%									
Location : Gymnasium And Library Roof									
Seams Open/Split, Extent : Moderate, Area Affected : 20%									
Location : Gymnasium And Library Roof									
Soffits									
Masonry: Limestone	100%			LIFE	* *		5	$3,400	
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$185,300	
Ceramic Tile	5%			2036	* *	5	$21,200	
Mosaic Tile	5%	Now	$1,987,500	2053	* *	5	$26,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Kitchen								
Patching Evident, Extent : Severe, Area Affected : 40%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$33,100	
Traffic Topping	5%	Now	$50,500	2038	* *	5	$13,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Science Rooms								
Vinyl Tile	30%			2038	* *	3	$47,700	
Wood	40%			2048	* *	5	$317,700	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$21,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$16,800	
Masonry: Brick	20%			LIFE	* *	10	$25,200	
Marble Panels	5%			LIFE	* *	10	$8,400	
Plaster	40%	Now	$81,900	LIFE	* *	5	$50,500	
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Room 408 And 410								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$52,600	
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$42,400	
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$132,400	
Plaster	65%	Now	$167,500	LIFE	* *	5	$172,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Classrooms 408, 410								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2053	* *			
Chain Link	10%			2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Parking Area								
Iron Picket	20%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$230,000	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$31,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Colden Avenue								
On-Site Walkways								
Asphalt	40%			2036	* *			
Cast in Place Concrete	50%			2038	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	90%			2036	* *			
Cast in Place Concrete	10%			2038	* *			
Activity Yard								
Rubber Matting	15%			2028	$497,400			
Worn/Eroded, Extent : Severe, Area Affected : 40%								
Location : Running Track								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Playing Field								
Explanation : Running Track								
Traffic Topping	85%			2028	$1,169,100			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Playing Field								
Explanation : This Is Actually Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2033	$71,900	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2043	* *	5	$200	
Molded Case Bkrs	80%			2033	$520,200	5	$5,500	
Raceway								
Conduit	95%			2033	$640,600	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$63,900	5	$600	
Molded Case Bkrs	80%			2032	$510,900	5	$5,500	
Molded Case Bkrs	10%			2041	* *	5	$700	

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DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	90%			2033	$808,600	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$362,900	5	$1,800	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	75%			2028	$2,929,200	10	$180,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout								
Fluorescent	20%			2033	$781,100	10	$48,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	5%			2033	$195,300	10	$12,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2028	$219,900	10	$31,600	
Exit, Service	50%			2028	$56,500	1		
Exterior Lighting								
LED	20%			2033	$280,800			
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$245,900	1	$48,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Generic	50%			2028	$245,900	1	$48,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Of The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$675,800	1-3	$166,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$259,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 5 Boilers. 1 Heat Exchanger To Provide Hot Water Heating In Basement								
Distribution								
Hot Wtr Piping/Pump	10%			2049	* *	4	$1,900	
Steam Piping/Pump	90%			2043	* *			
Terminal Devices								
Air Handler	20%			2033	$986,100	1	$32,400	
Convector/Radiator	50%	0-2	$53,600	2038	* *	1	$38,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Radiators Leaking In Two Classrooms								
Fan Coil Unit/Heat	30%	0-2	$389,800	2033	$1,948,800	1	$22,900	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 50 Percent Of Units Are Malfunctioning In Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	10%			2033	$622,200			
Window/Wall Unit	60%	0-2	$297,800	2028	$595,500	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 10 Percent Of Units Are Working								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$231,300	
Exhaust Fans								
Interior	90%			2033	$1,045,800	2	$7,200	
Roof	10%			2033	$50,800	2	$800	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$330,000	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$5,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2033	$117,000	1	$16,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$7,300	
Chemical System								
Generic	100%	Now	$163,200	2033	$163,200	1-3	$137,800	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CITY AS SCHOOL ALT. H.S. - M**		
Address	: **16 CLARKSON ST. BTWN: 7 AVE. SOUTH, HUDSON ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M641**
Program / Asset #	: **BOE0146.000 / 541**	**Yr Built/Renovated**	: **1911 / 2014**
Area Sq Ft	: **111,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5**		
Block	: **581** **Lot** : **54**	**BIN**	: **1009757**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$323,500	$377,600
Interior Architecture	$5,770,000	$469,700
Electrical	$559,300	$474,600
Mechanical	$688,400	$1,936,300
Total	**$7,341,200**	**$3,258,200**
Importance Code A	$323,500	$393,000
Importance Code B	$6,952,800	$2,395,400
Importance Code C	$64,900	$469,700
Total	**$7,341,200**	**$3,258,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,300	$74,800	$19,100	
Interior Architecture	$58,700	$12,000	$7,000	
Electrical	$12,100	$17,200	$2,700	$2,500
Mechanical	$97,900	$17,400	$25,800	$17,400
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$216,000**	**$126,400**	**$59,500**	**$24,900**
Importance Code A	$53,200	$86,100	$30,100	$11,000
Importance Code B	$108,800	$40,300	$29,400	$13,900
Importance Code C	$54,000			
Total	**$216,000**	**$126,400**	**$59,500**	**$24,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,500	
Copper/Terne	5%			2065	* *	10	$22,400	
Masonry: Brick	78%			LIFE	* *	5	$148,800	
Masonry: Limestone	10%			LIFE	* *	5	$14,300	
Metal Panel	2%			2056	* *	5-10	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : New Elevator Bulkhead								
Windows								
Aluminum	61%	Now	$323,500	2038	* *	5	$17,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Glass Block	34%			LIFE	* *	5	$11,800	
Metal Louvers	5%			2033	$154,300	10	$17,400	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,100	
Masonry: Brick	80%	4+	$42,300	LIFE	* *	5	$16,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Roof Side Of Parapets In Various Locations								
Metal Rail	5%			2043	* *	5-10	$18,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$13,100	
Roof								
Built-Up (BUR)	58%			2035	* *	10	$49,300	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Metal Panel	2%			2035	* *	10	$3,100	
Panel/Paver: Cer/Brk	40%			2050	* *	10	$45,400	
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : North Courtyard								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,900	
Ceramic Tile	6%			2039	* *	5	$9,600	
Mosaic Tile	4%			2035	* *	5	$16,000	
Marble Panels	2%			LIFE	* *	5	$2,400	
Quarry Tile	3%			2043	* *	5	$7,200	
Terrazzo	10%	Now	$74,600	LIFE	* *	5	$12,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Entry Corridor To Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Entry Corridor To Auditorium								
Vinyl Tile	35%			2035	* *	3	$20,900	
Vinyl Tile 9" X 9"	20%			2025	$5,630,500	3	$12,000	
Wood	10%			2058	* *	5	$29,900	
Interior Walls								
Cast in Place Concrete	5%	Now	$64,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Water Service Room In Basement								
Ceramic Tile	10%			2033	$469,700	5	$8,500	
Glass: Single Pane	5%	4+	$5,200	LIFE	* *	5	$3,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairwells								
Masonry: Brick	15%	Now	$48,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Panel Area In Basement								
Marble Panels	3%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$12,000	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
Exposed Struc: Steel	15%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$6,200	
Plaster	80%			LIFE	* *	5	$49,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	50%			2050	* *			
Masonry: Brick	50%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	20%			2035	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	75%			2033				

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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2030	$15,400	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 400 Ampere Main Disconnect Swicthes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$500	
Raceway								
Conduit	80%			2030	$195,000	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	5%			2029	$12,000	5	$100	
Molded Case Bkrs	10%			2046	* *	5	$300	
Molded Case Bkrs	80%	4+	$9,600	2029	$191,600	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Computer Laboratories								
Explanation : Inadequate Amount Of Receptacles Extension Cords In Use								
Wiring								
Braided Cloth	70%	2-4	$239,300	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	40%			2028	$72,600	5	$300	
Locally Mounted	60%			2043	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Located In Room Behind Switchboard								
Lighting								
Interior Lighting								
Fluorescent	85%			2035	* *	10	$86,500	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	5%			2025	$153,800	2	$100	
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Observed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	15%			2025	$27,900	10	$4,000	
Emergency, Battery	35%			2035	* *	10	$9,400	
Exit, Service	30%			2030	$14,400	1		
Exit, Service	20%			2035	* *	1		
Exterior Lighting								
HID	10%	Now	$51,800	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
No Component	90%							
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2040	* *	1-3	$27,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : System Is New But Not Approved By The Fire Department								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$5,100	2050	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Fuel Tank Intake Pipe								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 7,500 Gallon Tank For No. 2 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$109,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three Boilers								
Distribution								
Steam Piping/Pump	80%	Now	$71,100	2030	$711,100			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Condensate Return Lines								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Explanation : Low Pressure Condensate Return Piped To Service Sinks Rather Than Condensate Return Tank.								
Steam Piping/Pump	20%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	48%			2030	$1,002,600	1	$33,000	
Air Handler	2%	Now	$25,100	2040	* *	1	$1,200	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	10%			2028	$90,800	1	$3,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout, New Thermostatic Steam Traps Observed								
Convector/Radiator	40%	0-2	$217,800	2050	* *	1	$12,900	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms, Defective Temperature Control Systems								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$131,800			
Window/Wall Unit	95%			2025	$399,500	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Roof	100%			2035	* *	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2030	$8,500	2		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Boiler Room								
Explanation : One 400 Gallon Unit, New Unit Needs Final Testing								
Gas Fired	50%			2029	$8,500	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement, Temporary Backup Unit Installed								
Sanitary Piping								
Cast Iron	100%	Now	$28,000	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Kitchen								
Explanation : No Indirect Drain On 3 Compartment Sink								
Storm Drain Piping								
Cast Iron	100%	Now	$19,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2024	$3,400	4	$3,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2035	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Unit Serves Boilers Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor To Roof								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$6,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CLARA BARTON HIGH SCHOOL - BK**		
Address	: **901 CLASSON AVE @ WASHINGTON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K600**
Program / Asset #	: **BOE0647.000 / 1210**	**Yr Built/Renovated**	: **1940 / 2010**
Area Sq Ft	: **200,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **1187** **Lot** : **1**	**BIN**	: **3029686**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$126,000	$281,200
Interior Architecture	$7,676,600	$2,432,000
Electrical	$3,256,200	$1,318,200
Mechanical	$4,224,100	$3,646,800
Site Pavements	$117,900	
Total	**$15,400,800**	**$7,678,200**
Importance Code A	$1,171,900	$332,600
Importance Code B	$14,111,000	$7,249,500
Importance Code C	$117,900	$96,100
Total	**$15,400,800**	**$7,678,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$13,600	$38,200
Interior Architecture	$39,600	$7,200	$40,500	$9,000
Electrical	$22,900	$6,600	$72,400	$5,200
Mechanical	$10,700	$28,200	$108,100	$28,300
Site Enclosure	$40,400			
Site Pavements	$43,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$161,000**	**$45,900**	**$238,400**	**$84,600**
Importance Code A		$19,800	$33,800	$58,000
Importance Code B	$148,300	$26,100	$204,600	$26,600
Importance Code C	$12,600			
Total	**$161,000**	**$45,900**	**$238,400**	**$84,600**

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DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$57,100	
Masonry: Brick	92%			LIFE	* *	5	$224,100	
Masonry: Granite	5%			LIFE	* *	5	$9,100	
Windows								
Aluminum	100%			2047	* *	5	$76,400	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$21,000	
Metal Rail	5%			2036	* *	5-10	$22,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$15,600	
Roof								
Modified Bitumen	100%			2036	* *	10	$126,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$31,300	
Ceramic Tile	5%			2040	* *	5	$14,300	
Poured Epoxy/Resin	5%			2029	$802,300			
Sheet Vinyl/Rubber	5%			2031	$937,000	5	$21,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Sheet Vinyl And Linoleum								
Terrazzo	5%			LIFE	* *	5	$11,200	
Vinyl Tile	25%	Now	$39,600	2036	* *	3	$26,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	15%			2026	$7,582,600	3	$16,100	
Wood	35%			2046	* *	5	$188,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$96,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2036	* *	5	$48,700	
Exposed Struc: Concrete	15%			LIFE	* *	5	$6,100	
Fiber Board	10%			2031	$405,200			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : This Is Actually Tectum Acoustical Lay In Tiles.								
Plaster	60%			LIFE	* *	5	$97,400	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$12,600	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Various Locations								

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DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	4+	$27,800	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Various Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$43,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Sidewalks Adjacent To Presidents Street								
On-Site Walkways								
Cast in Place Concrete	98%			2036	* *			
Masonry: Granite	2%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$117,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Parking Area Adjacent To Carrol Street								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$325,100	5	$900	
Raceway								
Conduit	100%			2031	$337,100	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$500	
Fused Toggle Switch	5%	2-4	$17,000	2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	85%			2030	$288,400	5	$4,500	
Wiring								
Braided Cloth	70%	2-4	$314,500	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Thermoplastic	30%			2031	$134,800	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,300	
Ground								

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DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Lighting								
Interior Lighting								
Fluorescent	80%			2026	$2,385,100	10	$146,700	
Motion Sensors in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	2%	4+	$55,400	2041	* *	2	$100	
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms								
LED	18%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby, Auditorium, Gymnasium And Cafeteria								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$167,900	10	$24,100	
Exit, Service	50%			2026	$43,100	1		
Exterior Lighting								
HID	20%			2026	$186,600	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Photocells								
No Component	80%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2031	$37,500	1	$7,500	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$38,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$465,100	5	$62,000	

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DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	2-4	$1,045,900	2051	* *	1	$178,300	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Boiler No.1 Feed Pump, Boiler No.3 Smoke Sensor								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$80,100	2031	$1,601,600			
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Underneath Of Cafeteria Floor								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2026	$752,700	1	$24,700	
Convector/Radiator	60%			2029	$981,300	1	$38,800	
Fan Coil Unit/Heat	20%			2026	$991,700	1	$12,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	85%			2026	$644,000	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$44,600	
No Component	60%							
Exhaust Fans								
Interior	80%			2026	$709,600	2	$4,900	
Roof	20%			2031	$77,600	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	85%			2041	* *	1		
Galvanized Steel	15%			2029	$383,000	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 200-gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$40,000	4	$4,200	

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DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$138,300	1-2	$2,800	
Chemical System								
No Component	98%							
Generic	2%			2024	$1,600	1-3	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)**		
Address	: **347 BALTIC STREET (NEAR SMITH ST.)**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K804**
Program / Asset #	: **BOE0662.000 / 2683**	**Yr Built/Renovated**	: **1907 / 2008**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **397** **Lot** : **11**	**BIN**	: **3006356**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$513,000	$61,200
Interior Architecture	$207,600	$610,900
Electrical	$258,700	$363,500
Mechanical	$639,900	$1,355,600
Site Pavements	$92,700	
Total	**$1,711,800**	**$2,391,200**
Importance Code A	$680,300	$61,200
Importance Code B	$946,800	$2,280,000
Importance Code C	$84,700	$50,000
Total	**$1,711,800**	**$2,391,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,000	$32,800		
Interior Architecture	$101,000	$7,600		$30,200
Electrical	$43,000	$3,800	$3,400	$10,200
Mechanical	$80,800	$20,500	$19,600	$36,900
Site Pavements	$56,900			
Total	**$337,700**	**$64,700**	**$23,000**	**$77,400**
Importance Code A	$56,000	$42,300	$9,500	$9,700
Importance Code B	$163,900	$22,400	$13,500	$67,700
Importance Code C	$117,800			
Total	**$337,700**	**$64,700**	**$23,000**	**$77,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$36,800	
Masonry: Brick	65%	Now	$100,800	LIFE	* *	5	$61,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairway A And E And Room 412								
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Stucco Cement	25%			2045	* *	5	$58,800	
Windows								
Aluminum	98%	Now	$412,200	2048	* *	5	$14,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 3rd And 4th Floor Classrooms								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Custodian Office								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Room 402 And 410								
Metal Louvers	2%			2041	* *	10	$3,700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,200	
Masonry: Brick	65%			LIFE	* *	5	$8,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,200	
Stucco Cement	20%			2045	* *	5	$6,800	
Roof								
Built-Up (BUR)	75%	Now	$40,000	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Drains Above Room 402 And 410								
Paver: Asphalt	25%	4+	$15,900	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Front Court Entrance								
Interior								
Floors								
Carpet	5%	Now	$40,100	2034	* *	3	$11,300	
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$33,100	
Ceramic Tile	5%			2035	* *	5	$7,600	
Sheet Vinyl/Rubber	5%			2032	$494,800	5	$11,300	
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	70%	Now	$58,500	2037	* *	3	$39,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Clasrooms								
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Room 308 And Basement Ash Hoist								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Ash Hoist								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	6%	Now	$84,700	2035	* *	5	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair Landings								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Stair Landings								
Glass Block	2%			LIFE	* *			
Glass: Single Pane	2%			LIFE	* *	5	$3,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	Now	$45,300	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Staircase M								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Staircase M								
Plaster	60%			LIFE	* *	5	$46,200	
Plaster	5%	Now	$15,600	LIFE	* *	5	$3,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Stair Landings								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$15,100	
AcousTileSusp.Lay-In	5%			2045	* *	5	$7,600	
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,200	
Exposed Struc: Steel	10%			LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Basement								
Explanation : Corrugated Metal Barrel Vault Ceiling								
Plaster	70%	4+	$64,400	LIFE	* *	5	$66,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various, Staircase H And E								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2042	* *			
Iron Picket	40%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$92,700	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 70%								
Location : Baltic Ave								

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DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%	Now	$12,400	2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Ramp To Rear Yard								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Ramp To Rear Yard								
Panel/Paver: Cer/Brk	50%	Now	$44,600	2048	* *	5	$10,500	
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Front Court								
Activity Yard								
Asphalt	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2052	* *	5	$2,500	
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	20%			2052	* *	1		
Panelboards								
Molded Case Bkrs	60%			2031	$143,700	5	$1,500	
Molded Case Bkrs	20%			2048	* *	5	$500	
Molded Case Bkrs	20%			2040	* *	5	$500	
Wiring								
Braided Cloth	60%	0-2	$175,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	20%			2032	$58,300	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

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DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$83,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	5%			2037	* *	10	$200	
Egress Lighting								
Emergency, Battery	25%			2037	* *	10	$5,800	
Emergency, Battery	25%	Now	$40,300	2042	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Staicase B, D								
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	30%			2037	* *	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$10,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$17,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium, Basement								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$167,400	2045	* *	1	$85,600	
Not in Service, Extent : Severe, Area Affected : 35%								
Location : Basement. Boiler Can Not Be Fired								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units. Ignition System Of No.3 Boiler Is Down. Fresh Air Damper For No. 1 Louver Not Working								

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DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$38,400	2042	* *			
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Boiler Room. Condensate Return Line And Vacuum Pump Leaking Via Broken Bearing And Chemical Tank Leaking								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Refeed Tank Rooms 212, 313 And 411								
Explanation : Refeed System Defective. Lack Of Heat At South East Side Of The Building.								
Terminal Devices								
Air Handler	10%			2037	* *	1	$5,900	
Convector/Radiator	85%	0-2	$13,300	2030	$667,300	1	$23,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking, Cracked Radiators In Rooms 204, 206, And 313								
Fan Coil Unit/Heat	5%	Now	$6,000	2027	$119,000	1	$1,400	
Broken, Extent : Severe, Area Affected : 3%								
Location : 2 Motors, Student Lunch Area								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2033	$156,400	2	$600	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Package Unit Not Working Due To Defective Compressor								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : 1 Unit For Auditorium. Refrigerant R-407 C								
Split Unit	5%	Now	$5,700	2032	$114,000			
Not in Service, Extent : Moderate, Area Affected : 3%								
Location : One Unit Does not Work, Room 103								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : 2 Units. R-410a								
Window/Wall Unit	65%	0-2	$4,700	2027	$236,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations. 20 Percent Of The Units Are Not Working								
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2027	$117,100	1	$1,600	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2032	$11,100	2	$3,300	
Dry Cooler	10%			2037	* *	2	$6,700	
No Component	85%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$10,700	
No Component	80%							
Exhaust Fans								
Interior	10%			2037	* *	2	$300	
Roof	10%			2037	* *	2	$300	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$367,700	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2027	$17,100	2		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement. Hot Water Heater Not Working. No Hot Water In Building								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%			2032	$9,600	4	$1,500	
Submersible	50%			2025	$1,500	4	$1,500	
Sewage Ejector(s)								
Electric	100%			2032	$50,300	4	$5,700	
Backflow Preventer								
Generic	100%			2037	* *	1	$5,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2052	* *	1-2	$6,700	
Fire Pump								
Generic	100%	Now	$4,600	2041	* *	1	$16,100	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Fire Pump Room, Basement								
Explanation : Defective Unit								
Chemical System								
No Component	80%							
Generic	20%			2030	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **COMM. SCHL. COMP. ED. P. S. 932 - BK**		
Address	: **631 BELMONT AVENUE BTWN: JEROME ST., BARBEY ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K932**
Program / Asset #	: **BOE0668.000 / 4419**	**Yr Built/Renovated**	: **1927 / 2001**
Area Sq Ft	: **20,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2**		
Block	: **4014** **Lot** : **34**	**BIN**	: **3089171**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$418,300	$319,800
Interior Architecture	$2,104,200	$83,900
Electrical	$107,200	$71,700
Mechanical	$60,600	$679,600
Site Pavements		$117,500
Total	**$2,690,300**	**$1,272,500**
Importance Code A	$418,300	$494,100
Importance Code B	$2,272,000	$577,000
Importance Code C		$201,400
Total	**$2,690,300**	**$1,272,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,800			
Interior Architecture	$60,600	$2,600		$1,700
Electrical	$58,500	$15,400	$400	$400
Mechanical	$31,000	$43,400	$4,800	$2,700
Site Pavements	$30,900			
Total	**$246,700**	**$61,400**	**$5,100**	**$4,800**
Importance Code A	$67,800	$2,000	$2,000	$2,000
Importance Code B	$158,200	$59,400	$3,100	$2,800
Importance Code C	$20,700			
Total	**$246,700**	**$61,400**	**$5,100**	**$4,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$2,800	
Masonry: Brick	75%	Now	$70,100	LIFE	* *	5	$8,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : West Facade								
Masonry: Limestone	5%	Now	$13,400	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Stucco Cement	15%	Now	$9,600	2035	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Windows								
Aluminum	100%	Now	$34,200	2038	* *	5	$1,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$252,300	LIFE	* *	5	$10,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East And West Parapets								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : East And West Parapets								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Roof Side Of Parapets								
Explanation : Cement Stucco Finish Cracking And Crumbling								
Pre-Cast Concrete	5%	Now	$8,500	LIFE	* *	5	$3,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Modified Bitumen	100%	0-2	$95,900	2030	$319,800			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : East And West Sides								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Over Rooms 303, 304 And Stairs								
Interior								

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DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$6,500	
Ceramic Tile	2%			2033	$33,600	5	$600	
Mosaic Tile	3%			2035	* *	5	$2,200	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Various Bathrooms								
Vinyl Tile	45%	Now	$18,500	2035	* *	3	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms And Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	40%			2025	$2,104,200	3	$4,500	
Interior Walls								
Ceramic Tile	5%			2033	$83,900	5	$1,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$600	
Masonry: Brick	5%			LIFE	* *			
Plaster	20%	Now	$14,800	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Rooms 103, 203, 303, 304 And Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Rooms 103, 203, 303, 304, Cafeteria And Rear Stairwell								
Plaster	65%			LIFE	* *	5	$5,900	
Ceilings								
Gypsum Board	5%			LIFE	* *	5	$1,900	
Metal Panel	5%			LIFE	* *	5	$1,900	
Plaster	30%	Now	$27,200	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rooms 103, 203, 303, 304 And Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Rooms 103, 203, 303, 304 And Cafeteria								
Plaster	60%			LIFE	* *	5	$11,200	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%			2050	* *			
Chain Link	90%			2040	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$25,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Areas Adjacent To Jerome Street								

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DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	15%			2033				
Cast in Place Concrete	85%			2035	* *			
Parking/Driveway								
Asphalt	100%	Now	$5,900	2033	$117,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Parking Area								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Parking Area								
Explanation : Patching Evident								
Activity Yard								
Cast in Place Concrete	50%			2035	* *			
Rubber Matting	50%			2030				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 800 Ampere Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$100	
Raceway								
Conduit	100%			2030	$25,700	1		
Panelboards								
Fused Disc Sw	25%			2038	* *	5	$100	
Molded Case Bkrs	63%	2-4	$25,100	2055	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Basement								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	12%			2038	* *	5	$100	
Wiring								
Braided Cloth	80%	2-4	$22,900	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2030	$5,700	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$17,400	
Other Observation, Extent : Light, Area Affected : 98%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	2%			2030	$11,100			
LED	3%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Library								
Explanation : New LED Lighting								
Egress Lighting								
Emergency, Service	25%			2035	* *	1		
Emergency, Service	25%			2025	$3,100	1		
Exit, Service	50%			2025	$4,300	1		
Exterior Lighting								
LED	100%			2025	$107,200			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : New Lighting Fixtures Installed In 2018.								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$7,500	1	$1,500	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$10,300	2040	* *	1-3	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete Fire Alarm With Frequent Problems.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$6,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	$174,300	1	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$3,200	2030	$160,200			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Library Bathroom								
Terminal Devices								
Air Handler	10%			2025	$37,600	1	$1,200	
Convector/Radiator	90%			2035	* *	1	$5,800	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	Now	$12,100	2025	$60,600	1		
Broken, Extent : Severe, Area Affected : 30%								
Location : Classrooms								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$11,200	
Exhaust Fans								
Roof	100%	Now	$1,900	2030	$38,800	2	$500	
Broken, Extent : Severe, Area Affected : 20%								
Location : Roof Fan For Boiler Room								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$5,100	2030	$256,900	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Ceiling								
Water Heater With Tanks								
Oil Fired	100%			2028	$88,300	1		
Sanitary Piping								
Cast Iron	100%	Now	$5,000	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Janitors Closet Floor Drain								
Sump Pump(s)								
Submersible	100%			2024	$600	4	$600	
Sewage Ejector(s)								
Electric	100%			2030	$10,500	4	$800	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)**		
Address	: **109 RHINE AVE. @STEUBEN AND TARGEE STS.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R470**
Program / Asset #	: **BOE0953.000 / 1203**	**Yr Built/Renovated**	: **1894 / 2015**
Area Sq Ft	: **27,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2885** **Lot** : **1**	**BIN**	: **5043479**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$52,500	$139,800
Interior Architecture		$894,200
Electrical	$54,000	$180,600
Mechanical	$573,100	$797,500
Site Enclosure	$60,400	
Total	**$740,000**	**$2,012,100**
Importance Code A	$52,500	$139,800
Importance Code B	$687,500	$1,872,300
Total	**$740,000**	**$2,012,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$103,300			
Interior Architecture	$102,300		$1,700	$3,700
Electrical	$15,600	$2,500	$3,200	$2,600
Mechanical	$66,000	$3,600	$4,000	$3,600
Site Pavements	$32,500			
Total	**$319,700**	**$6,100**	**$8,900**	**$9,900**
Importance Code A	$108,000	$2,700	$2,700	$2,700
Importance Code B	$190,500	$3,400	$5,600	$7,300
Importance Code C	$21,200		$600	
Total	**$319,700**	**$6,100**	**$8,900**	**$9,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$29,200	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$45,600	
Masonry: Brick	90%			LIFE	* *	5	$105,100	
Other Observation, Extent : N/A, Area Affected : 85%								
Location : Throughout								
Explanation : Painted Brick								
Windows								
Aluminum	100%			2049	* *	5	$13,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5-10	$37,100	
Masonry: Brick	55%			LIFE	* *	5-10	$24,600	
Metal Cornice	25%			2048	* *	10	$5,300	
Roof								
Built-Up (BUR)	37%			2033	$87,300	10	$7,500	
Metal Panel	5%			2038	* *	10	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Steel Stairs At Rear Yard								
Explanation : Metal Standing Seam Roof Over Stairs								
Skylight, Metal/Glass	3%			2043	* *	10	$2,000	
Slate	55%			LIFE	* *	10	$11,100	
Soffits								
Wood	100%			2038	* *	5		
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$48,200	
Ceramic Tile	5%			2036	* *	5	$2,200	
Quarry Tile	2%			2038	* *	5	$1,300	
Vinyl Tile	67%	2-4	$16,300	2033	$816,400	3	$11,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : In Corridor Outside Room 106								
Vinyl Tile 9" X 9"	1%			2033	$77,800	3	$200	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$1,200	
Concrete Masonry Unit	2%	2-4	$1,600	LIFE	* *	5	$300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gas Meter Room								
Gypsum Board	10%			LIFE	* *	5-10	$7,100	
Masonry: Brick	20%			LIFE	* *	10	$2,500	
Metal: Cage/Fence	5%			LIFE	* *	10	$400	
Plaster	60%	2-4	$12,100	LIFE	* *	5	$7,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 100%								
Location : In Corridor Outside Room 106								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2038	* *	5	$4,400	
Embossed Metal	10%			LIFE	* *	5	$4,000	
Plaster	80%			LIFE	* *	5-10	$60,600	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2043	* *			
Iron Picket	25%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$60,400	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Main Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$9,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Steuben Street								
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Pavers/Stone	2%			2036	* *			
Steel Grating	3%			2043	* *	1		
Activity Yard								
Cast in Place Concrete	100%	2-4	$22,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Play Yard								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Main Play Yard								
Explanation : Vegetation Growth At Joints								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$130,000	5	$100	
Raceway								
Conduit	50%			2033	$30,600	1		
Conduit	50%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	1%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gas Service Room								
Explanation : 30a Explosion Proof Disconnect Switch For Gas Service								
Molded Case Bkrs	29%			2049	* *	5	$200	
Molded Case Bkrs	50%			2041	* *	5	$400	
Molded Case Bkrs	20%			2032	$20,000	5	$100	
Wiring								
Braided Cloth	70%	2-4	$54,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$24,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : New Lighting Fixtures Installed Throughout Building In 2015.								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	10%	Now	$12,600	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Building Exterior Walls								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$10,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Explanation : CCTV, Intrusion Alarms And Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$16,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$4,700	2038	* *	1	$24,100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Chemical Treatment System Controls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2033	$173,000			
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Outside Of Basement Steam And Condensate Piping								
Steam Piping/Pump	20%			2043	* *			
Terminal Devices								
Convector/Radiator	100%	Now	$11,000	2031	$220,800	1	$7,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Limit								
Controls								
Pneumatic	100%	Now	$26,100	2027	$521,800			
Broken, Extent : Moderate, Area Affected : 15%								
Location : Classroom Pneumatic Valves And Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%	Now	$16,000	2033	$32,100			
Broken, Extent : Severe, Area Affected : 50%								
Location : 1 Of 2 Units, Unit Serves Main Distribution Frame Room								
Window/Wall Unit	75%	Now	$7,700	2028	$76,700	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$1,200	
No Component	95%							
Exhaust Fans								
Interior	5%			2033	$6,000	2		
No Component	95%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2053	* *	1		
Galvanized Steel	80%			2031	$275,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Boiler Room, The Domestic Hot And Cold Water Lines Are Beyond Their Useful Life Cycle Limit								
Water Heater With Tanks								
Gas Fired	100%	0-2	$51,200	2033	$51,200	2		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Bottom Of Unit Causing Minor Leaks								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Mechanical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Unit Is Obsolete								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : One - 175 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Is Beyond Its Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Storm Piping Is Beyond Its Useful Life Cycle Limit								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$600	
Backflow Preventer								
No Component	80%							
Generic	20%			2038	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)**
Address : **22 E. 128 ST @MADISON AVE.**
Borough : **MANHATTAN**
Agency's Number : **M911**
Program / Asset # : **BOE0154.000 / 521**
Yr Built/Renovated : **1905 / 2008**
Area Sq Ft : **44,000**
Project Type : **EDUCATION**
Date of Survey : **17-Dec-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **1752** **Lot** : **59** **BIN** : **1054159**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$307,000	$146,800
Interior Architecture	$531,000	$403,600
Electrical		$217,900
Mechanical	$82,800	$1,800,900
Total	**$920,800**	**$2,569,200**
Importance Code A	$307,000	$530,300
Importance Code B	$402,900	$2,038,900
Importance Code C	$210,900	
Total	**$920,800**	**$2,569,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,300		$43,800	$11,400
Interior Architecture	$71,700			$7,300
Electrical	$53,000	$1,100	$1,000	$1,300
Mechanical	$46,600	$5,800	$67,300	$5,800
Site Enclosure	$7,400			
Site Pavements	$33,700			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$282,700**	**$11,800**	**$117,000**	**$30,700**
Importance Code A	$69,600	$4,400	$48,200	$15,800
Importance Code B	$171,500	$7,500	$68,800	$15,000
Importance Code C	$41,500			
Total	**$282,700**	**$11,800**	**$117,000**	**$30,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	2-4	$184,700	LIFE	* *	5	$72,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Window Sills								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	80%	4+	$122,300	LIFE	* *	5	$74,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : North East Corner Of Building At Gate								
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : 4th And 5th Floors								
Masonry: Limestone	10%	0-2	$14,600	LIFE	* *	5	$7,000	
Spalling, Extent : Moderate, Area Affected : 1%								
Location : North Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Windows								
Aluminum	80%			2047	* *	5	$18,200	
Aluminum	20%			2047	* *	5	$4,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Metal Grilles								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Story Windows								
Explanation : Protective Metal Grilles								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,600	
Masonry: Brick	70%			LIFE	* *	5	$11,400	
Metal Rail	10%			2044	* *	5-10	$29,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,200	
Roof								
Built-Up (BUR)	90%			2036	* *	10	$43,800	
Built-Up (BUR)	5%	Now	$28,400	2041	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Above Room 504 And Gymnasium								
Metal Panel	5%			2044	* *	10	$4,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$20,600	2034	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 15%								
Location : First Floor Toilet Room								
Quarry Tile	5%	Now	$26,900	2036	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	60%			2036	* *	3	$21,900	
Vinyl Tile	20%	Now	$80,700	2031	$403,600	3	$5,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 66%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : 3rd And 4th Floor Corridors/ Classrooms								
Wood	10%	2-4	$8,700	2059	* *	5	$6,800	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 10%								
Location : Main Office								

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DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Glass: Single Pane	1%			LIFE	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entrance Stair								
Explanation : Decorative Stained Glass								
Glass: Single Pane	4%			LIFE	* *	5	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Corridors								
Explanation : Transom Windows								
Masonry: Brick	5%	Now	$69,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Exit 2								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Entrance Vestibule, Exit 2								
Masonry: Brick	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Glazed Bricks								
Masonry: Fieldstone	3%	Now	$10,100	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement Wall Adjacent To Rear Garden								
Explanation : Water Penetration								
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	80%	Now	$141,600	LIFE	* *	5	$17,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms, Stairwells, Basement, Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Ceilings								
Masonry: Vault Struct	6%	Now	$61,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Masonry: Vault Struct	9%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$4,600	
Plaster	80%	Now	$177,700	LIFE	* *	5	$36,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Room 504, Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 1%								
Location : Throughout								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	30%			2041	* *			
Iron Picket	16%	0-2	$7,400	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : North East Building Corner								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Iron Picket	54%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	11%	Now	$10,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	69%			2036	* *			
Pavers/Stone	20%			2034	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$13,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Service Rated At 1,200 Amperes								
Fused Disc Sw	50%			2031	$12,700	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	50%			2031	$81,300	5	$100	
Fused Disc Sw	50%			2051	* *	5	$100	
Raceway								
Conduit	90%			2031	$72,900	1		
Conduit	10%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$100	
Molded Case Bkrs	70%			2047	* *	5	$800	
Molded Case Bkrs	20%			2030	$27,900	5	$200	
Wiring								
Braided Cloth	20%	0-2	$21,100	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$35,800	5	$100	
Locally Mounted	50%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	Now	$10,400	LIFE	* *	5	$600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$40,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Lighting System Was Replaced In 2018 With T-8 Lamp Type Fixtures.								
Egress Lighting								
Emergency, Battery	50%			2031	$36,900	10	$5,300	
Exit, Service	50%			2031	$9,500	1		
Exterior Lighting								
HID	10%	Now	$20,500	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Lighting Fixtures Are Not Operational								
LED	10%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fixtures Installed In 2018								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$16,500	1	$3,300	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2031	$22,700	1-3	$5,400	

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DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$102,300	5	$13,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2029	$383,500	1	$43,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One No.4 Oil Burning Steam Boiler								
Distribution								
Steam Piping/Pump	99%			2031	$348,800			
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Steam Piping/Pump	1%	0-2	$2,100	2061	* *			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Shut Off Valve In Boiler Room								
Terminal Devices								
Air Handler	10%	Now	$8,300	2026	$82,800	1	$2,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam Coil Leaking In First Floor Fan Room								
Convector/Radiator	80%			2029	$287,800	1	$11,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Unit Heater - Steam	10%			2026	$25,000	4	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	4%			2036	* *			
Window/Wall Unit	70%	Now	$2,300	2031	$116,700	1		
Unit Inoperable, Extent : Severe, Area Affected : 1%								
Location : Elevator Machine Room								
No Component	26%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$4,900	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof Through Various Floors								
Explanation : Natural Ventilation Hoods								

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DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2026	$19,500	2	$100	
Roof	5%			2031	$4,300	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Unit For Science Laboratory								
No Component	85%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$11,200	2029	$561,700	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Main Shut Off Valve In Boiler Room								
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Malfunctioning Control For Booster Pump								
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$8,800	4	$900	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **COOPERATIVE TECHNICAL H.S. - M**				
Address	: **321 E. 96 ST. @FIRST AVENUE**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M646**	
Program / Asset #	: **BOE0148.000 / 543**		**Yr Built/Renovated**	: **1942 / 2011**	
Area Sq Ft	: **102,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **27-Apr-2021**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2,3,4**				
Block	: **1668**	**Lot** : **1**	**BIN**	: **1083927**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$128,700
Interior Architecture		$2,143,800
Electrical		$1,874,400
Mechanical	$1,104,500	$2,884,200
Total	**$1,104,500**	**$7,031,100**
Importance Code A		$128,700
Importance Code B	$1,104,500	$6,902,400
Total	**$1,104,500**	**$7,031,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,300	$21,100		$25,300
Interior Architecture	$81,200	$26,500	$8,500	$9,300
Electrical	$55,600	$14,500	$8,800	$10,000
Mechanical	$42,700	$34,900	$40,600	$42,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$214,700**	**$104,800**	**$65,800**	**$94,600**
Importance Code A	$34,900	$28,700	$7,600	$33,100
Importance Code B	$169,800	$76,100	$53,100	$61,500
Importance Code C	$10,000		$5,200	
Total	**$214,700**	**$104,800**	**$65,800**	**$94,600**

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DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$1,600	
Glazed Ceramic Panel	5%	4+	$10,200	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Various Panels On East And West Elevations								
Masonry: Brick	88%			LIFE	* *	5	$44,300	
Slate Panels	2%			LIFE	* *	5	$800	
Windows								
Aluminum	100%			2048	* *	5	$24,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$4,900	
Masonry: Brick	82%			LIFE	* *	5	$5,200	
Metal Rail	5%			2045	* *	5-10	$5,700	
Metal: Cage/Fence	3%			2045	* *	5-10	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Story East Wing Roof								
Explanation : Chain Link Fence Enclosure For Mechanical Equipment								
Roof								
Metal Panel	10%			2045	* *	10	$16,800	
Modified Bitumen	85%	Now	$17,000	2037	* *			
Blisters, Extent : Moderate, Area Affected : 2%								
Location : East Wing 3rd Story Roof Area								
Sloped Glazing	5%			LIFE	* *	5	$61,100	
Soffits								
Metal Panel	100%			2042	* *	5-10	$92,900	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$88,800	
Ceramic Tile	5%			2041	* *	5	$6,800	
Quarry Tile	5%	4+	$10,000	2045	* *	5	$5,100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	55%	0-2	$41,100	2032	$2,055,000	3	$27,900	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridors								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$10,300	
Concrete Masonry Unit	50%			LIFE	* *	5	$41,300	
Gypsum Board	10%			LIFE	* *	5	$12,400	
Plaster	10%	Now	$10,000	LIFE	* *	5	$6,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 108								
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%			2045	* *	5	$33,100	
AcousTileSusp.Lay-In	15%			2045	* *	5	$19,900	
Exposed Struc: Concrete	30%			LIFE	* *	5	$6,200	
Metal Panel	25%			LIFE	* *	5	$41,400	
Plaster	10%	Now	$20,100	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stairwell C								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : East 96th Street And 1st Avenue								
Explanation : Recent Replace Evident								
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	50%			2035	* *			
Cast in Place Concrete	50%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West Side Of Building								
Explanation : Curb Cuts For This Driveway Exist On 96th And 97th Streets								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2042	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4,000 Ampere And 2,000 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch For Emergency								

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DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	50%			2037	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kilovolt-ampere								
Dry Type	50%			2037	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,500 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$400	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%	4+	$9,100	2030	$181,400	5	$300	
Enclosure Corroded, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$31,400	
Generators								
Diesel	100%			2035	* *	1	$39,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One 200 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$3,800	
Fuel Storage								
Main Tank	100%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$1,459,700	10	$89,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	4%			2032	$60,800	10	$3,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 4th Floor Hallway								
Egress Lighting								
Emergency, Service	50%			2032	$31,400	1		
Exit, Service	50%			2032	$22,000	1		
Exterior Lighting								
Fluorescent	5%			2032	$20,300	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Front And Roof Of The Building								
HID	5%			2032	$23,800	10		
No Component	90%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	4+	$39,500	2032	$78,900	1-3	$17,100	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Main Panel In Lobby								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground Of Parking Lot								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Heat Exchanger, Plate & Frame	50%			2035	* *	1	$25,200	
Steam Boiler	50%			2037	* *	1	$50,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	50%			2040	* *	4	$3,800	
Steam Piping/Pump	50%	Now	$8,200	2042	* *			
Repairs In Progress, Extent : N/A, Area Affected : 20%								
Location : Vacuum Pump And Condensate Tank In The Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	50%			2032	$959,700	1	$31,500	
Convector/Radiator	50%			2037	* *	1	$16,500	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2027	$225,700	1	$7,100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Mechanical Room								
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Mechanical Room 2nd Floor								
Exterior Pkg Unit - Cooling	20%			2027	$223,700	2	$1,300	
Split Unit	10%			2032	$242,200			
Window/Wall Unit	40%	Now	$3,100	2027	$154,600	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$7,500	
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	$1,682,300	1	$63,100	
Heat Rejection								
Dry Cooler	15%			2027	$59,700	2	$10,700	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$89,600	LIFE	* *	2-5	$56,900	
Damaged, Extent : Severe, Area Affected : 100%								
Location : 3rd Floor Roof								
Exhaust Fans								
Interior	20%			2027	$90,500	2	$600	
Roof	80%			2027	$158,300	2	$2,500	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : 1st Floor								
Explanation : Two Water Mains, Only One Is Active								
Water Heater With Tanks								
Gas Fired	100%			2027	$102,500	2		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$10,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2025	$3,100	4	$3,200	
Backflow Preventer								
Generic	100%			2032	$45,600	1	$6,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$51,400	
Sprinkler								
Generic	100%			2052	* *	1-2	$28,600	
Fire Pump								
Generic	100%	Now	$1,900	2035	* *	1	$17,100	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Pump Room On 1st Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **CROWN HEIGHTS CHARTER SCHOOL -BK**				
Address	: **1485 PACIFIC STREET BROOKLYN AVE - KINGSTON AVE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K434**
Program / Asset #	: **BOE1103.000 / 14559**			**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **65,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,4,5,6**				
Block	: **1203**	**Lot**	: **44**	**BIN**	: **3848792**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$98,200	$59,600
Interior Architecture		$119,000
Electrical	$56,600	
Mechanical	$54,600	$1,092,100
Total	**$209,400**	**$1,270,700**
Importance Code A	$98,200	$59,600
Importance Code B	$111,200	$1,092,100
Importance Code C		$119,000
Total	**$209,400**	**$1,270,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,300	$16,100	$15,600	
Interior Architecture	$8,600	$24,300	$8,500	
Electrical	$35,500	$8,300	$8,000	$6,800
Mechanical	$10,200	$35,900	$18,500	$10,600
Site Enclosure	$400			
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$70,900**	**$90,600**	**$56,600**	**$23,400**
Importance Code A	$13,200	$19,800	$18,500	$3,500
Importance Code B	$51,100	$70,800	$38,100	$19,900
Importance Code C	$6,600			
Total	**$70,900**	**$90,600**	**$56,600**	**$23,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	86%	Now	$98,200	LIFE	* *	5	$59,600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : East And West Facades								
Explanation : Loose Metal Drip Flashing At Brick Relieving Angles								
Metal Coiling Doors	5%			2043	* *	5	$10,800	
Granite Panels	2%			LIFE	* *	5	$1,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,300	
Window Wall	2%			2050	* *	5	$5,200	
Windows								
Aluminum	100%			2046	* *	5	$31,200	
Parapets								
Concrete Masonry Unit	25%			LIFE	* *	5	$1,700	
Masonry: Brick	30%			LIFE	* *	5	$1,800	
Metal Panel	5%			2050	* *	5	$1,200	
Metal: Cage/Fence	40%	Now	$2,900	2043	* *	5	$7,800	
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Rooftop Play Yard								
Explanation : Nylon Safety Netting Has Failed								
Roof								
Asphalt Shingle	25%			2039	* *	10	$1,600	
IRMA/Protected Membrane	40%	Now	$7,400	2035	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 10%								
Location : By Generator Location								
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	33%			2035	* *	10	$13,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Play Yard Over Sixth Floor								
Explanation : Artificial Grass Covering								
Skylight, Metal/Glass	2%			2050	* *	10	$2,600	
Interior								
Floors								
Carpet	10%			2029	$172,000	3	$14,600	
Cast in Place Concrete	10%			LIFE	* *	5	$21,300	
Ceramic Tile	5%			2039	* *	5	$4,900	
Sheet Vinyl/Rubber	25%			2035	* *	5	$36,500	
Traffic Topping	10%			2035	* *	5	$12,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs								
Explanation : This Is A Fluid Applied Topping								
Vinyl Tile	30%			2035	* *	3	$10,900	
Wood	10%			2058	* *	5	$18,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$12,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,900	
Gypsum Board	80%			LIFE	* *	5	$119,000	
Wood	5%			LIFE	* *	5	$49,600	
Ceilings								
AcousTileSusp.Lay-In	65%			2043	* *	5	$62,700	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$36,100	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%			2065	* *			
Chain Link	60%	Now	$400	2050	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : West Alley								
Explanation : Hole In Fence								
Iron Picket	30%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Elevator Machine Room								
Explanation : 25 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2043	* *	5	$300	
Variable Frequency Drive	30%	Now	$1,800	2043	* *			
Not Functioning, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Rooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Custodian Office								
Explanation : All Controllers Monitored By Building Management System								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$20,000	
Generators								
Diesel	100%			2039	* *	1	$25,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 500 Kilowatt								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,400	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 200 Gallon Capacity								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$56,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Service	60%			2035	* *	1		
Exit, LED	35%			2058	* *	1		
Exit, Service	5%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	20%			2035	* *	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Switches								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$400	
Alarm								
Security System								
No Component	50%							
Generic	50%	Now	$24,400	2035	* *	1	$10,900	
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Throughout								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$12,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2050	* *	1		
Natural Gas	90%			2050	* *	1		
Conversion Equipment								
Furnace	90%			2035	* *	1	$28,900	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 11 Rooftop Package Units								
Radiant Heater	10%			2035	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : 15 Reheat Coils								
Terminal Devices								
Convector/Radiator	80%			2043	* *	1	$16,800	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	$54,600	2030	$1,092,100	2	$3,200	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Variable Frequency Drives On Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 11 Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,200	
Exhaust Fans								
Roof	100%			2035	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,400	
Sewage Ejector(s)								
Electric	100%			2030	$34,000	4	$2,600	
Backflow Preventer								
Generic	100%			2035	* *	1	$4,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby To 6th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$32,800	
Sprinkler								
Generic	100%			2050	* *	1-2	$18,200	
Fire Pump								
Generic	100%			2039	* *	1	$12,100	
Chemical System								
No Component	95%							
Generic	5%			2028	$5,100	1-3	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**CURTIS HIGH SCHOOL - SI**			
Address	:	**105 HAMILTON AVE. @ ST. MARKS PL.**			
Borough	:	**STATEN ISLAND**	**Agency's Number**	:	**R450**
Program / Asset #	:	**BOE0950.000 / 1201**	**Yr Built/Renovated**	:	**1904 / 2017**
Area Sq Ft	:	**427,610**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**16-Jan-2020**	**Landmark Status**	:	**EXTERIOR LANDMARK**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3,4**			
Block	:	**22** **Lot** : **1**	**BIN**	:	**5106483**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,074,500	$349,100
Interior Architecture	$664,300	$4,594,300
Electrical	$885,600	$7,698,500
Mechanical	$7,986,100	$14,966,400
Site Pavements	$92,100	
Total	**$10,702,600**	**$27,608,400**
Importance Code A	$3,033,900	$475,700
Importance Code B	$7,185,600	$27,132,600
Importance Code C	$483,000	
Total	**$10,702,600**	**$27,608,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,100		$61,000	
Interior Architecture	$105,100	$30,800		$5,900
Electrical	$31,400	$27,400	$25,400	$29,500
Mechanical	$112,700	$81,700	$102,100	$83,800
Site Pavements	$112,000			
Elevators/Escalators	$19,700	$19,700	$19,700	$19,700
Total	**$446,000**	**$159,700**	**$208,300**	**$139,000**
Importance Code A	$69,300	$38,100	$99,800	$38,300
Importance Code B	$249,400	$121,600	$108,400	$100,600
Importance Code C	$127,300			
Total	**$446,000**	**$159,700**	**$208,300**	**$139,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$119,200	
Masonry: Brick	54%	Now	$185,800	LIFE	* *	5	$103,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : North Elevation Of 1906 Building								
Masonry: Brick Cavity	14%			LIFE	* *	5	$26,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Masonry: Limestone	10%			LIFE	* *	5	$14,300	
Granite Panels	2%			LIFE	* *	5	$2,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Pre-Cast Concrete	12%			LIFE	* *	5	$74,400	
Windows								
Aluminum	80%	Now	$630,700	2039	* *	5	$30,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Aluminum	20%			2053	* *	5	$15,100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$52,500	
Masonry: Brick	60%			LIFE	* *	5	$20,400	
Masonry: Brick Cavity	10%			LIFE	* *	5	$3,400	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Metal Rail	5%			2044	* *	5-10	$30,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	10%			2026	$173,300	10	$13,600	
Copper/Terne	25%			2046	* *	10	$84,700	
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2017 Building Addition								
Explanation : Mechanical Equipment Screens								
IRMA/Protected Membrane	10%			2039	* *	10	$13,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Modified Bitumen	35%			2036	* *	10	$47,500	
Slate	15%	Now	$46,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1904 Wing								
Soffits								
Stucco Cement	100%			2036	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%	Now	$54,700	LIFE	* *	5	$64,200	
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Ceramic Tile	10%			2040	* *	5	$29,300	
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	6%	Now	$53,300	2031	$532,600	3	$6,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 1st, 2nd And 3rd Floors, 1904 Building								
Vinyl Tile	44%			2031	$3,905,900	3	$48,400	
Vinyl Tile	10%			2039	* *	3	$14,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Wood	15%			2059	* *	5	$82,500	

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2044	* *	5	$30,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Concrete Masonry Unit	10%			LIFE	* *	5	$12,300	
Gypsum Board	10%			LIFE	* *	5	$18,400	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Masonry: Brick	10%	Now	$127,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement 1904 Building								
Plaster	50%	Now	$204,200	LIFE	* *	5	$46,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Various Classrooms								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Explanation : Damage From Steam Radiators								
SGFT/Glazed Masonry	10%	Now	$150,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	15%	Now	$15,500	2036	* *	5	$27,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	20%			2044	* *	5	$58,700	
AcousTileSusp.Lay-In	5%			2048	* *	5	$14,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Exposed Struc: Concrete	8%			LIFE	* *	5	$3,700	
Exposed Struc: Steel	2%			LIFE	* *			
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2017 Building Addition								
Plaster	35%			LIFE	* *	5	$64,200	
Plaster	15%	Now	$73,300	LIFE	* *	5	$27,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Pool Locker Room And Corridor Areas In Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Corridor Area In Basement By Pool								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	20%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Of 1904 Building								
Explanation : Handicap Ramp								
Masonry: Fieldstone	80%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Handicap Ramp								
Explanation : This Is Actually Limestone Masonry								
Retaining Walls								
Cast in Place Concrete	85%			2051	* *			
Masonry: Brick	5%			2041	* *			
Masonry: Fieldstone	10%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	5%			2034	* *			
Cast in Place Concrete	75%			2036	* *			
Masonry: Granite	5%	2-4	$43,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs At Various Entrances								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairs At Various Entrances								
Explanation : This Is Actually Bluestone Stair Treads								
Pavers/Stone	15%	Now	$22,800	2034	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Entry Path At Front Of Building								
Parking/Driveway								
Asphalt	50%	Now	$46,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Parking Area At Front Of Building								
Cast in Place Concrete	50%			2036	* *			
Activity Yard								
Traffic Topping	20%	Now	$92,100	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Running Track								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Running Track								
No Component	80%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Athletic Field								
Explanation : This Is Actually Artificial Turf								

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2031	$126,600	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch, One 2,000 Ampere Main Disconnect Switch And One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	25%			2057	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Gymnasium Electricla Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2031	$534,100	5	$900	
Fused Disc Sw	50%			2057	* *	5	$900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Gymnasium Electrical Room								
Raceway								
Conduit	60%			2031	$664,600	1		
Conduit	20%			2041	* *	1		
Conduit	20%			2057	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Gymnasium Building Throughout								
Panelboards								
Molded Case Bkrs	60%			2030	$642,600	5	$6,800	
Molded Case Bkrs	20%			2039	* *	5	$2,300	
Molded Case Bkrs	20%			2053	* *	5	$2,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Gymnasium Building Throughout								
Wiring								
Braided Cloth	60%	2-4	$885,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	20%			2057	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Gymnasium Building Throughout								
Motor Controllers								
Locally Mounted	60%			2029	$357,700	5	$1,700	
Locally Mounted	20%			2036	* *	5	$600	
Locally Mounted	10%			2048	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Gymnasium Building Mechanical Room								
Variable Frequency Drive	10%			2048	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Gymnasium Building Mechanical Room 190 A								
Ground								

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : New Ground Bus Installed In 1936 Buildning Water Main								
Lighting								
Interior Lighting								
Fluorescent	60%			2031	$4,188,800	10	$235,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Incandescent	5%			2031	$648,700	2	$500	
LED	35%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : New Gymnasium Building, 1904 Building Gymnasium, Classrooms								
Egress Lighting								
Emergency, Battery	10%			2039	* *	10	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Gymnasium Building								
Explanation : Emergnecy Lighting On Inverter System								
Exit, LED	10%			2066	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Gymnaisum Building								
Exit, Service	50%			2031	$101,000	1		
Exit, Battery	30%			2031	$199,100	10	$8,700	
Exterior Lighting								
LED	100%			2039	* *			
Lightning Protection								
Arresters/Cabling								
Generic	100%			2034	* *	5	$1,400	
Alarm								
Security System								
No Component	40%							
Generic	60%			2039	* *	1	$95,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout 1904, 1936 And New Gymnasium Building								
Explanation : CCTV Cameras, Card Readers								
Fire/Smoke Detection								
No Component	40%							
Generic, Analog	60%			2039	* *	1-3	$162,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : New Gymnasium Building, 1904 And 1936 Building								

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	80%	0-2	$871,200	2061	* *	5	$53,000	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Vault								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Vault								
Explanation : One Tank Has Been Condemned, Other Tank Is On Extended Life								
Natural Gas	20%			2051	* *	1		
Conversion Equipment								
Hot Water Boiler	20%			2044	* *	1	$42,300	
Steam Boiler	80%	0-2	$1,959,400	2051	* *	1	$304,900	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 5 Units; 3 High Pressure, 2 Low Pressure								
Distribution								
Hot Wtr Piping/Pump	20%			2047	* *	4	$4,200	
Steam Piping/Pump	80%	Now	$150,000	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Main Steam Header Valves In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Float And Thermostatic Traps In Basement								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Staircase B At Basement And Sub-basement In General.								
Explanation : Missing Insulation On Steam And Condensate Piping								
Terminal Devices								
Air Handler	20%			2026	$1,762,600	1	$52,900	
Air Handler	10%			2036	* *	1	$26,400	
Convector/Radiator	50%			2029	$1,914,800	1	$69,100	
Convector/Radiator	18%			2044	* *	1	$24,900	
Unit Heater - Hot Water	2%			2036	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	20%			2040	* *	1	$92,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium Building Roof								
Explanation : 2 Modular Chiller Units								
Exterior Pkg Unit - Cooling	10%			2036	* *	2	$2,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : One Unit Covering Auditorium - Refrigerant 410a								
Window/Wall Unit	70%			2026	$1,241,900	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1904 And 1936 Wings								
Dehumidifier								
No Component	90%							
Generic	10%			2029	$9,113,100			
Other Observation, Extent : Light, Area Affected : 10%								
Location : On Swimming Pool Roof								
Explanation : 1 Exterior Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$71,500	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$47,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : New Gymnasium Wing								
No Component	50%							
Exhaust Fans								
Interior	70%			2026	$1,454,000	2	$9,200	
Interior	10%			2036	* *	2	$1,300	
Roof	10%			2026	$90,900	2	$1,300	
Roof	10%			2036	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2041	* *	1		
Brass/Copper	20%			2051	* *	1		
Galvanized Steel	20%	Now	$23,900	2029	$1,195,800	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main And Throughout Basement								
Water Heater With Tanks								
Gas Fired	50%			2029	$9,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Gymnasium Wing. Roof Boiler Room								
Explanation : Two 200-gallon Units								
No Component	50%							

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	50%	Now	$339,700	2061	* *	4	$21,100	
Obsolete Equipment, Extent : Severe, Area Affected : 50%								
Location : Unit Severely Corroded, Sub-cellar Of 1936 Wing.								
Steam Fired	50%	Now	$22,600	2031	$1,132,300	4	$21,100	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Sub-cellar 1936 Wing								
Explanation : Hot Water Storage Tank Requires Insulation								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$33,000	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Repair Shop Next To Boiler Room, Auditorium, And Sub-cellar.								
Sump Pump(s)								
Non-Submersible	100%			2026	$93,800	4	$9,000	
Pool Filter/Treatment								
Sand	100%			2044	* *	4	$3,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Sub-cellar								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-cellar								
Explanation : 3 Units.								
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$25,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Sub-cellar								
Backflow Preventer								
Generic	100%			2031	$209,200	1	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1904 And 1936 Wings Sub-cellar								
Explanation : 2 Services								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 30%								
Location : 1904 Wing								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 4th Floor, 1904 Wing; 1 Unit From Basement To 3rd Floor, 1936 Wing; 2 Units From Basement To 4th Floor; 1 Freight From Basement To 1st Floor								
Explanation : 4 Passenger Units And 1 Freight - Freight Elevator Needs Replacement								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	40%							
Generic	20%			2031	$1,295,300	1-2	$24,000	
Generic	40%			2051	* *	1-2	$47,900	
Fire Pump								
No Component	40%							
Generic	60%			2040	* *	1	$47,900	
Chemical System								
No Component	99%							
Generic	1%			2026	$900	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **CURTIS HIGH SCHOOL - SI FIELDHOUSE**
Address : **105 HAMILTON AVE. @ ST. MARKS PL.**
Borough : **STATEN ISLAND**
Agency's Number : **R450**
Program / Asset # : **BOE0950.010 / 2945**
Yr Built/Renovated : **1964 / 2003**
Area Sq Ft : **3,000**
Project Type : **EDUCATION**
Date of Survey : **16-Jan-2020**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **22** **Lot** : **1** **BIN** : **5106483**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$65,000
Total		**$65,000**
Importance Code B		$65,000
Total		**$65,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$15,500		$9,200	
Interior Architecture	$2,700			
Electrical			$14,000	
Mechanical	$100	$200	$400	$200
Total	**$18,300**	**$200**	**$23,600**	**$200**
Importance Code A	$15,600	$100	$9,300	$100
Importance Code B	$1,300	$100	$14,200	
Importance Code C	$1,400			
Total	**$18,300**	**$200**	**$23,600**	**$200**

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DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI FIELDHOUSE
Asset # : 2945

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	35%	Now	$2,900	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	65%	Now	$4,800	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Steel	100%	Now	$7,800	2039	* *	5	$3,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roof								
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Metal Bleachers Located Above Are Anchored To The Roof Of The Field House								
Metal Panel	90%			2036	* *	10	$9,200	
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	$8,800	
Ceramic Tile	10%	Now	$1,300	2040	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%	Now	$1,100	2040	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	65%			LIFE	* *	5	$1,000	
Gypsum Board	25%	Now	$300	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5	$700	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI FIELDHOUSE
Asset # : 2945

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$65,000	5		
Raceway								
Conduit	100%			2031	$16,200	1		
Panelboards								
Molded Case Bkrs	100%			2030	$29,900	5	$100	
Wiring								
Thermoplastic	100%			2031	$21,400	1		
Motor Controllers								
Locally Mounted	50%			2029	$35,800	5		
Variable Frequency Drive	50%			2048	* *			
Lighting								
Interior Lighting								
Fluorescent	100%			2031	$44,700	10	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Exit, LED	20%			2066	* *	1		
Exit, Service	80%			2031	$1,000	1		
Exterior Lighting								
HID	100%			2026	$14,000	10		
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2036	* *	1	$1,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : New Unit Installed At North Exterior Of Fieldhouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Old Unit Removed								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,700	
Exhaust Fans								
Roof	100%			2031	$5,800	2	$100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI FIELDHOUSE
Asset # : 2945

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Boiler Room								
Explanation : Hot And Cold Water Supplied From New Gymnasium Wing. Cold Water Pump Abandoned In Place.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **DEWITT CLINTON HIGH SCHOOL - BX**		
Address	: **100 WEST MOSHOLU PARKWAY SOUTH**		
Borough	: **BRONX**	**Agency's Number**	: **X440**
Program / Asset #	: **BOE0327.000 / 357**	**Yr Built/Renovated**	: **1929 / 2011**
Area Sq Ft	: **412,287**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**		
Block	: **3251** **Lot** : **201**	**BIN**	: **2095215**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,231,600	$3,972,500
Interior Architecture	$3,706,900	$878,900
Electrical	$1,293,600	$3,850,700
Mechanical	$7,487,000	$3,830,600
Site Enclosure	$110,200	
Site Pavements	$1,226,900	
Total	**$16,056,100**	**$12,532,800**
Importance Code A	$3,669,000	$4,126,700
Importance Code B	$9,314,400	$8,232,800
Importance Code C	$3,072,700	$173,300
Total	**$16,056,100**	**$12,532,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$19,100
Interior Architecture	$79,800		$30,600	$24,500
Electrical	$11,400	$12,000	$49,700	$10,300
Mechanical	$127,500	$63,600	$125,600	$65,700
Site Enclosure	$30,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$256,900**	**$83,500**	**$213,800**	**$127,500**
Importance Code A		$40,800	$41,700	$60,000
Importance Code B	$228,000	$42,600	$172,100	$67,500
Importance Code C	$28,900			
Total	**$256,900**	**$83,500**	**$213,800**	**$127,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$115,900	
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$253,600	
Masonry: Brick	88%			LIFE	* *	5	$408,000	
Windows								
Aluminum	82%	Now	$663,400	2047	* *	5	$69,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 80%								
Location : Classrooms								
Glass Block	3%	Now	$276,300	LIFE	* *	5	$3,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Pool								
Steel	15%	Now	$1,148,300	2056	* *	5	$159,100	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Library, Pool Area								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Library, Pool Area								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$59,800	
Masonry: Brick	85%			LIFE	* *	5	$43,800	
Recent Replace Evident, Extent : N/A, Area Affected : 75%								
Location : Parapets								
Roof								
Copper/Terne	15%			2046	* *	10	$107,700	
Copper/Terne	5%			2066	* *	10	$35,900	
Recent Installation, Extent : N/A, Area Affected : 5%								
Location : Roof								
Fluid Applied Roofing	5%			2059	* *			
Modified Bitumen	60%			2039	* *	10	$172,300	
Recent Installation, Extent : N/A, Area Affected : 60%								
Location : Roof Area								
Modified Bitumen	10%			2031	$313,800	10	$28,700	
Skylight, Metal/Glass	3%			2031	$2,420,300	10	$28,700	
Skylight, Metal/Glass	2%			2057	* *	10	$19,100	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Roof								
Interior								

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DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	Now	$166,400	LIFE	* *	5	$214,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	2%			2034	* *	5	$13,000	
Ceramic Tile	3%			2044	* *	5	$19,600	
Quarry Tile	5%			2044	* *	5	$48,900	
Terrazzo	20%	Now	$243,900	LIFE	* *	5	$101,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor Lobby, Stair Lobby								
Vinyl Tile	30%	Now	$108,100	2036	* *	3	$73,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	20%	0-2	$389,000	2046	* *	5	$122,300	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Classrooms Near Radiators								
Wood	5%			2066	* *	5	$61,100	
Recent Installation, Extent : N/A, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	4%	Now	$702,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Fuel Tank Area								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Fuel Tank Area								
Ceramic Tile	3%			2044	* *	5	$34,700	
Recent Construction, Extent : N/A, Area Affected : 3%								
Location : 1st And 2nd Floor Boys And Girls Toilets								
Ceramic Tile	2%			2034	* *	5	$23,100	
Gypsum Board	5%			LIFE	* *	5	$34,700	
Masonry: Brick	10%	2-4	$440,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	6%	2-4	$244,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Plaster	50%	Now	$702,600	LIFE	* *	5	$173,300	
Water Penetration, Extent : Severe, Area Affected : 4%								
Location : Basement Corridor To Swimming Pool								
SGFT/Glazed Masonry	20%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	0-2	$59,000	2036	* *	5	$45,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	0-2	$10,200	2044	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	5%			LIFE	* *	5	$4,800	
Exposed Struc: Concrete	5%			LIFE	* *	5	$4,800	
Plaster	70%	Now	$650,700	LIFE	* *	5	$267,400	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Corridor To Swimming Pool								
Site Enclosure								
Fence/Gates								
Chain Link	90%	0-2	$110,200	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Perimeter								
Iron Picket	10%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	90%			2066	* *			
Masonry: Fieldstone	10%	Now	$30,300	2051	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Parking Lot Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$224,100	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Parking/Driveway								
Asphalt	100%	Now	$648,700	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Parking Lot								
Activity Yard								
Asphalt	100%	Now	$354,000	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Tennis Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$154,200	5	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 4,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2029	$26,700	5	$1,500	
Switchgear / Switchboard								
Fused Disc Sw	90%			2031	$877,800	5	$1,600	
Molded Case Bkrs	10%			2051	* *	5	$1,100	
Raceway								
Conduit	95%			2031	$960,800	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$97,800	5	$900	
Molded Case Bkrs	70%			2030	$684,600	5	$7,600	
Molded Case Bkrs	20%			2047	* *	5	$2,200	
Wiring								
Braided Cloth	60%	2-4	$808,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$269,500	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$435,500	5	$2,200	
Locally Mounted	20%			2044	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$370,600	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	40%			2026	$276,800	10	$39,800	
Emergency, Battery	10%			2039	* *	10	$10,000	
Exit, Service	30%			2026	$53,300	1		
Exit, Service	20%			2039	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$154,800	1	$30,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2039	* *	1-3	$52,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Mechanical Room								
Explanation : Strobes, Heat And Smoke Detector, Bell, Horn, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$127,700	
Conversion Equipment								
Steam Boiler	100%	0-2	$1,437,400	2036	* *	1	$367,500	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room. 2 Units Are Not Working Due To Bad Tubes And Firing Problem								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$1,159,300	2041	* *	4	$20,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Broken Bearing								
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Around Boilers At Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Oil Pump, Vacuum Pump And Condensate Return Piping Leaking								
Malfunctioning, Extent : Severe, Area Affected : 15%								
Location : Thermostats. Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	0-2	$310,300	2031	$1,551,700	1	$45,900	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : 4 Exhaust Fan Are Malfunctioning In Auditorium And House Exhaust Due To Bad Motor And Defective Belt								
Convector/Radiator	60%	Now	$101,100	2036	* *	1	$71,900	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Several Actuator Valve Around The Radiators Are Defective								
Fan Coil Unit/Heat	20%			2026	$2,044,400	1	$26,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	40%	0-2	$12,500	2029	$624,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : 15 Percent Wall Unit Are Not Working								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$229,900	
Exhaust Fans								
Interior	80%	Now	$29,300	2026	$1,462,800	2	$8,100	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Exhaust Fan Not Working. The Motor Burnt Out And Defective Belt								
Roof	20%	Now	$48,000	2031	$160,000	2	$2,000	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Exhaust Fans, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$1,052,700	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%	2-4	$598,100	2061	* *	4	$40,800	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$145,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Back Up In Basement Every Time It Rains								
Sump Pump(s)								
Non-Submersible	100%			2026	$82,500	4	$8,700	

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DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Pool Filter/Treatment								
Sand	100%	0-2	$28,400	2029	$142,100	4	$500	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 3 Filters								
Sewage Ejector(s)								
Compressed Air	100%			2031	$133,300	4	$4,200	
Backflow Preventer								
No Component	70%							
Generic	30%			2036	* *	1	$7,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$5,800	
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **DEWITT CLINTON HIGH SCHOOL - BX BOYS & GIRLS FIELDHOUSE**
Address : **100 WEST MOSHOLU PARKWAY SOUTH @PAUL AVENUE**
Borough : **BRONX** | **Agency's Number** : **X440**
Program / Asset # : **BOE0327.010 / 13427** | **Yr Built/Renovated** : **1955 /**
Area Sq Ft : **2,800** | **Project Type** : **EDUCATION**
Date of Survey : **12-Feb-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3251** **Lot** : **201** **BIN** :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$156,900	$56,400
Interior Architecture	$120,600	
Electrical		$136,700
Total	**$277,500**	**$193,100**
Importance Code A	$156,900	$121,400
Importance Code B	$120,600	$71,700
Total	**$277,500**	**$193,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$35,300			
Interior Architecture	$3,300			
Electrical			$3,300	
Mechanical	$200	$200	$700	$200
Total	**$38,800**	**$300**	**$4,000**	**$200**
Importance Code A	$35,400	$100	$200	$100
Importance Code B	$3,400	$100	$3,800	$100
Importance Code C				
Total	**$38,800**	**$300**	**$4,000**	**$200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX BOYS & GIRLS FIELDHOUSE
Asset # : 13427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$8,300	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : All Facades								
Metal Coiling Doors	10%			2044	* *	5	$2,900	
Windows								
Aluminum	100%	0-2	$156,900	2056	* *	5	$1,600	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Roof								
Roll Roofing	100%	Now	$33,800	2033	$56,400	5	$7,200	1
Blisters, Extent : Severe, Area Affected : 5%								
Location : Roof								
Patching Evident, Extent : Severe, Area Affected : 50%								
Location : Roof								
Ponding, Extent : Severe, Area Affected : 75%								
Location : Roof								
Split/Cracked, Extent : Severe, Area Affected : 10%								
Location : Roof								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	* *	5	$3,800	
Mosaic Tile	65%	Now	$120,600	2044	* *	5	$4,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Boys Toilet								
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5	$4,300	
Ceilings								
Metal Panel	100%	2-4	$3,300	LIFE	* *	5	$6,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Locker Area And Toilet Areas								
Site Pavements								
On-Site Walkways								
Asphalt	90%			2034	* *			
Cast in Place Concrete	10%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX BOYS & GIRLS FIELDHOUSE
Asset # : 13427

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2031	$65,000	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2031	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2030	$1,500	5		
Molded Case Bkrs	95%			2030	$28,400	5	$100	
Wiring								
Thermoplastic	100%			2031	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2031	$41,700	10	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2026	$600	1		
No Component	50%							
Exterior Lighting								
HID	20%			2026	$2,600	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 250 Gallons								
Conversion Equipment								
Hot Water Boiler	100%			2044	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2030	$6,100	4	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX BOYS & GIRLS FIELDHOUSE
Asset # : 13427

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Fan Coil Unit/Heat	100%			2036	* *	1	$900	
Ventilation								
Exhaust Fans								
Roof	100%			2036	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$36,000	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Toilets And Shower Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **DEWITT CLINTON HIGH SCHOOL - BX COMFORT STATION**		
Address	: **100 WEST MOSHOLU PARKWAY SOUTH**		
Borough	: **BRONX**	**Agency's Number**	: **X440**
Program / Asset #	: **BOE0327.020 / 14434**	**Yr Built/Renovated**	: **1955 /**
Area Sq Ft	: **870**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3864** **Lot** : **201**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,300			
Interior Architecture	$12,400			
Electrical			$18,000	
Mechanical		$100	$23,600	$100
Total	**$16,700**	**$100**	**$41,700**	**$100**
Importance Code A	$4,300	$100		$100
Importance Code B	$12,400		$41,700	
Importance Code C				
Total	**$16,700**	**$100**	**$41,700**	**$100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX COMFORT STATION
Asset # : 14434

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$400	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : All Facades								
Masonry: Brick	78%			LIFE	* *	5	$2,400	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : All Facades								
Metal Coiling Doors	2%			2044	* *	5	$200	
Windows								
Aluminum	100%	Now	$4,200	2047	* *	5	$200	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Facade								
Roof								
Modified Bitumen	100%			2031	$34,700	10	$3,200	
Interior								
Floors								
Cast in Place Concrete	20%	0-2	$600	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	80%			2044	* *	5	$3,400	
Interior Walls								
Concrete Masonry Unit	95%			LIFE	* *	5	$2,300	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	80%	Now	$10,200	LIFE	* *	5	$200	
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Toilet Rooms								
Explanation : Peeling Paint								
Gypsum Board	20%			LIFE	* *	5	$400	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$7,500	5		
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	100%			2031	$16,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX COMFORT STATION
Asset # : 14434

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2030	$29,900	5		
Wiring								
Thermoplastic	100%			2031	$21,400	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2026	$13,000	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2026	$200	1		
No Component	50%							
Exterior Lighting								
HID	100%			2026	$4,100	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Radiant Heater	100%			2031	$22,600	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2026	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **DISTRICT 75 CITYWIDE PROGRAMS**		
Address	: **400 1ST AVENUE @E. 23 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M844**
Program / Asset #	: **BOE0153.000 / 2696**	**Yr Built/Renovated**	: **1940 / 2012**
Area Sq Ft	: **57,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5,9,10**		
Block	: **955** **Lot** : **1**	**BIN**	: **1022052**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,915,500	$105,500
Interior Architecture	$14,259,200	$51,400
Electrical	$195,100	$1,138,700
Mechanical	$2,703,600	$747,300
Total	**$19,073,300**	**$2,043,000**
Importance Code A	$1,915,500	$220,700
Importance Code B	$16,664,700	$1,770,800
Importance Code C	$493,100	$51,400
Total	**$19,073,300**	**$2,043,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$15,600			$41,400
Interior Architecture	$30,400	$16,400		$9,600
Electrical	$39,000	$1,600	$2,000	$191,300
Mechanical	$91,400	$12,100	$18,900	$20,000
Elevators/Escalators	$19,700	$19,700	$19,700	$19,700
Total	**$196,100**	**$49,900**	**$40,600**	**$282,100**
Importance Code A	$18,500	$2,300	$2,300	$43,700
Importance Code B	$177,600	$39,100	$38,400	$238,400
Importance Code C		$8,600		
Total	**$196,100**	**$49,900**	**$40,600**	**$282,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Egress Stair. North Facade								
Explanation : Component Actually Safety Glass								
Masonry: Brick Cavity	90%			LIFE	* *	5	$105,500	
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Corners Of Building, Upper Floors Over Lintels								
Granite Panels	5%			LIFE	* *	5	$4,400	
Weathering Steel	3%	Now	$15,600	LIFE	* *	1		
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Exterior Egress Stair. Floors 2 Through 6								
Windows								
Aluminum	100%	2-4	$1,915,500	2057	* *	5	$20,100	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Windows. Floors 1 Through 8								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Windows. Floors 1 Through 8								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Windows Throughout								
Explanation : Windows Far Beyond Useful Life								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$15,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$11,000	
Roof								
Built-Up (BUR)	83%			2037	* *	10	$41,400	
Metal, Corrugated	2%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Facade								
Explanation : Roof Atop Exterior Egress Stair								
Plaza Roof: Stone Panels	15%			2052	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 7th Floor								
Explanation : Balconies								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$11,900	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Rooms And Corridors In The Basement								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
Location : Steam Room. Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Steam Room. Basement Slab								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Rooms And Corridors. Basement								
Ceramic Tile	5%			2035	* *	5	$7,000	
Terrazzo	10%	0-2	$65,300	LIFE	* *	5	$10,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : First Floor Corridors								
Vinyl Tile	25%			2037	* *	3	$13,100	
Vinyl Tile 9" X 9"	55%			2027	$13,566,700	3	$38,400	
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Corridors And Classrooms. Upper Floors								
Interior Walls								
Cast in Place Concrete	6%	Now	$312,800	LIFE	* *			
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : Wall/ Pipe Penetrations In Perimeter Foundation Wall. Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Wall/ Pipe Penetrations In Perimeter Foundation Wall. Basement								
Cast Stone/Terra Cotta	6%			LIFE	* *			
Ceramic Tile	5%			2035	* *	5	$17,100	
Gypsum Board	15%			LIFE	* *	5	$30,900	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	8%	Now	$96,800	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : 1st Floor Lobby								
Plaster	50%	Now	$83,400	LIFE	* *	5	$51,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair A								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair A Bulkhead								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	50%	Now	$53,800	2037	* *	5	$41,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : First Through 7th Floor Corridors And Various Locations Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : First Through 7th Floor Corridors And Various Locations Throughout								
AcousTileSusp.Lay-In	20%	4+	$8,900	2045	* *	5	$13,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : First And Second Floor Rooms								
Exposed Struc: Concrete	20%	Now	$80,200	LIFE	* *	5	$4,200	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Storage Rooms. Basement								
Plaster	10%			LIFE	* *	5	$8,400	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$195,100	2062	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$7,000	5	$100	
Fused Knife Sw	5%	2-4	$7,000	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room Basement								
Molded Case Bkrs	80%			2031	$111,800	5	$1,200	
Molded Case Bkrs	10%			2040	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	10%	2-4	$20,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	80%			2032	$159,700	1		
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$57,300	5	$300	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	70%			2032	$594,800	10	$36,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors								
Explanation : T-8 Lamps								
Fluorescent	10%			2032	$85,000	10	$5,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
Fluorescent	20%			2037	* *	10	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2027	$47,800	10	$6,900	
Exit, Service	50%			2027	$12,300	1		
Exterior Lighting								
Fluorescent	20%			2027	$45,500	10	$1,000	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$21,400	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm And Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$44,100	1-3	$10,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Alarm Bells, Manual Pull Station, Strobe Lights And Fire-alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2032	$18,200	1		
Conversion Equipment								
Heat Exchanger, Plate & Frame	80%			2028	$115,200	1	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Steam To Hot Glycol Heat Exchanger Beyond The Useful Life Limit								
Pres. Reducing Valve/LP Steam	20%	0-2	$700	2035	* *	5	$300	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Distribution								
Hot Wtr Piping/Pump	70%	Now	$8,700	2031	$87,300	4	$2,000	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Leaking Vacuum Pump								
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Basement, 2 Of 3 Defective Hot Glycol Pumps								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Hot Glycol Pumps Are Beyond Their Life Cycle Limit								
Central Plant Steam Piping/Pmp	20%			2032	$320,600	4	$800	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Central Plant Steam Piping/Pmp	10%			2052	* *	4	$400	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement								
Explanation : The Basement Steam Piping Was Recently Upgraded								

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DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	40%	Now	$9,300	2030	$186,400	1	$6,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Climate Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Steam Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	60%	Now	$169,600	2027	$847,900	1	$9,900	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Throughout, Multiple Mechanical And Or Electrical Deficiencies								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Fan Coil Units Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	15%	Now	$166,500	2047	* *	1	$8,300	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement, Building Presently Utilizes Window Air Conditioning Units For Cooling								
Window/Wall Unit	85%	0-2	$18,400	2027	$183,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Multiple Mechanical And Or Electrical Deficiencies								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Steam Absorption Unit Not In Service								
Terminal Devices								
Air Handler/Cool/Ht	100%			2027	$1,106,000	1	$35,300	
Heat Rejection								
Water Cooling Tower	15%	0-2	$43,200	2037	* *	2	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Unit Was Removed								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,800	
Exhaust Fans								
Interior	15%	0-2	$15,200	2032	$37,900	2	$200	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Basement Exhaust Fan Broken Bearing Belt								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Kitchen								
Explanation : 1 Unit								
Interior	85%	Now	$214,900	2042	* *	2	$1,200	
Obsolete Equipment, Extent : Severe, Area Affected : 85%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 80 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To The 8th Floor, 2 Units From 1st To 8th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$29,800	
Sprinkler								
No Component	20%							
Generic	80%			2042	* *	1-2	$12,800	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fire Pump								
Generic	100%			2041	* *	1	$10,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **DISTRICT OFFICE # 7 - BX**		
Address	: **501 COURTLANDT AVE. @E. 148 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X807**
Program / Asset #	: **BOE0338.000 / 328**	**Yr Built/Renovated**	: **1876 / 2010**
Area Sq Ft	: **20,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Oct-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2329** **Lot** : **75**	**BIN**	: **2000876**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$623,100	
Interior Architecture	$933,500	$2,285,500
Mechanical	$53,000	$404,100
Site Enclosure	$133,000	
Total	**$1,742,700**	**$2,689,600**
Importance Code A	$623,100	
Importance Code B	$226,700	$1,308,600
Importance Code C	$892,900	$1,381,000
Total	**$1,742,700**	**$2,689,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$40,500			$4,600
Interior Architecture	$104,600		$1,000	$4,200
Electrical	$48,100	$600	$27,600	$500
Mechanical	$10,200	$2,600	$19,700	$2,600
Site Pavements	$22,500			
Total	**$225,900**	**$3,200**	**$48,300**	**$12,000**
Importance Code A	$42,600	$2,000	$2,000	$6,600
Importance Code B	$125,700	$1,200	$46,300	$5,400
Importance Code C	$57,700			
Total	**$225,900**	**$3,200**	**$48,300**	**$12,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE # 7 - BX
Asset # : 328

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%	Now	$366,200	LIFE	* *	5	$44,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : At Roof And Stair 2								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : First Floor Brick Entire Perimeter								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stair B Fourth Floor To Basement								
Masonry: Brownstone	2%			LIFE	* *	5	$700	
Windows								
Aluminum	100%			2047	* *	5	$9,200	
Parapets								
Metal Cornice	35%	Now	$27,700	2046	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Cornice								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Bulkhead Cornice								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead Cornice								
Explanation : Paint Peeling								
No Component	65%							
Roof								
Modified Bitumen	100%	Now	$12,800	2026	$256,900			1
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : At Flashing Of Bulkhead Perimeter								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$4,000	
Ceramic Tile	3%	0-2	$1,200	2034	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Along Perimeters								
Vinyl Tile	90%	2-4	$45,200	2031	$904,500	3	$12,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Light, Area Affected : 10%								
Location : Throughout Corridors								
Vinyl Tile 9" X 9"	2%	0-2	$6,400	2041	* *	3	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rooms 210 And 211								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Rooms 210 And 211								

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE # 7 - BX
Asset # : 328

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	2-4	$7,500	2034	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathroom Tiles								
Recent Replace Evident, Extent : N/A, Area Affected : 5%								
Location : Bathroom								
Fabric on Framing	15%	Now	$690,500	2029	$1,381,000	5	$3,400	
Loose/Delam Surface, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Glass: Single Pane	1%			LIFE	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fourth Floor Door Transoms And Stairwell								
Explanation : Glass Transom And Glass And Metal Wall At Stairwell								
Gypsum Board	25%			LIFE	* *	5	$13,700	
Masonry: Brick	20%	Now	$69,300	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement And Stairwell To Roof								
Spalling, Extent : Severe, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Metal: Cage/Fence	1%			LIFE	* *			
Plaster	25%	Now	$27,700	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairwell To Roof And Fourth Floor Offices								
Wood	10%			LIFE	* *	5	$36,400	
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$2,100	
Embossed Metal	70%	4+	$173,700	LIFE	* *	5	$13,000	
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	15%	Now	$10,200	LIFE	* *	5	$7,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Ceiling								
Explanation : Missing Panels From Previous Termite Work								
Plaster	10%	Now	$6,300	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stairwell								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Stairwell								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE # 7 - BX
Asset # : 328

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%			2051	* *			
Iron Picket	60%			2066	* *			
Free Standing Walls								
Masonry: Brick	100%	2-4	$133,000	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Throughout								
Explanation : Painted Finish Peeling								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Facade Behind Iron Picket Fence								
Explanation : Recently Painted								
Parking/Driveway								
Asphalt	100%	Now	$22,500	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking								
Potholes, Extent : Severe, Area Affected : 5%								
Location : Parking Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$100	
Raceway								
Conduit	70%			2031	$22,700	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$4,000	5		
Molded Case Bkrs	60%			2030	$24,000	5	$300	
Molded Case Bkrs	30%			2047	* *	5	$200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE # 7 - BX
Asset # : 328

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$37,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$18,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Emergency, Battery	25%			2036	* *	10	$1,200	
Exit, Service	75%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$7,500	1	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$10,300	2041	* *	1-3	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE # 7 - BX
Asset # : 328

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	99%			2036	* *	1	$19,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	1%	0-2	$100	2036	* *	1	$200	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : The Air Intake Louvre In Boiler Room								
Distribution								
Steam Piping/Pump	100%			2031	$160,200			
Terminal Devices								
Convector/Radiator	100%			2029	$163,500	1	$6,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2026	$53,000	1		
Window/Wall Unit	5%	0-2	$2,300	2031	$3,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various								
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2029	$76,600	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$5,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2031	$5,500	1-2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **DISTRICT OFFICE #13 - BK**		
Address	: **355 PARK PLACE @ UNDERHILL AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K813**
Program / Asset #	: **BOE0665.000 / 4418**	**Yr Built/Renovated**	: **1953 / 2010**
Area Sq Ft	: **14,400**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Ph**		
Block	: **1160** **Lot** : **1**	**BIN**	: **3028862**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$260,100
Mechanical		$216,900
Total		**$477,000**
Importance Code A		$283,100
Importance Code B		$193,900
Total		**$477,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,400		$1,500	
Interior Architecture	$82,400			$1,800
Electrical	$72,000	$500	$600	$700
Mechanical	$6,900	$1,200	$2,400	$1,200
Site Pavements	$32,500			
Total	**$240,300**	**$1,800**	**$4,500**	**$3,700**
Importance Code A	$47,100	$700	$2,200	$700
Importance Code B	$171,000	$1,000	$2,300	$2,700
Importance Code C	$22,200			$300
Total	**$240,300**	**$1,800**	**$4,500**	**$3,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE #13 - BK
Asset # : 4418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Limestone	80%	4+	$24,700	LIFE	* *	5	$11,800	
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Facades								
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Base Of Wall								
Explanation : Painted Surface								
Granite Panels	5%	Now	$6,000	LIFE	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Front Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Stucco Cement	15%	Now	$3,300	2046	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Windows								
Aluminum	100%			2049	* *	5	$800	
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$3,100	
Masonry: Granite	20%			LIFE	* *	5-10	$2,500	
Metal Panel	15%			2053	* *	5	$500	
Metal Rail	15%			2046	* *	5-10	$2,500	
Roof								
Built-Up (BUR)	60%			2038	* *	10	$9,500	
Modified Bitumen	40%	0-2	$7,000	2038	* *			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Penthouse Roof								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$22,800	
Ceramic Tile	3%			2042	* *	5	$600	
Terrazzo	25%			LIFE	* *	5	$8,100	
Vinyl Tile	45%	0-2	$5,200	2038	* *	3	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Under Construction	2%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Bathrooms								
Explanation : Under Construction								

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE #13 - BK
Asset # : 4418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$2,300	
Ceramic Tile	3%			2042	* *	5	$600	
Gypsum Board	20%			LIFE	* *	5-10	$6,200	
Metal Panel	5%			LIFE	* *	10	$400	
Plaster	65%			LIFE	* *	5-10	$10,100	
Under Construction	2%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Bathrooms								
Explanation : Under Construction								
Ceilings								
Exposed Struc: Concrete	25%	2-4	$39,000	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Plaster	75%	2-4	$9,500	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$23,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Driveway Entry Park Place								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$2,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$6,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2033	$130,000	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$130,000	5	$400	

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE #13 - BK
Asset # : 4418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2033	$29,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,000	5		
Molded Case Bkrs	85%			2032	$33,900	5	$300	
Molded Case Bkrs	10%			2041	* *	5		
Wiring								
Braided Cloth	70%	2-4	$37,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2033	$10,800	1		
Motor Controllers								
Locally Mounted	50%			2031	$23,400	5		
Locally Mounted	50%	2-4	$23,400	2053	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$12,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,700	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$27,000	1	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE #13 - BK
Asset # : 4418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$33,000	5	$4,500	
Conversion Equipment								
Hot Water Boiler	100%			2031	$153,000	1	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2032	$31,500	4	$1,100	
Terminal Devices								
Air Handler	15%			2028	$40,600	1	$1,300	
Convector/Radiator	70%			2038	* *	1	$3,300	
Fan Coil Unit/Heat	10%			2028	$35,700	1	$500	
Unit Heater - Hot Water	5%			2028	$4,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2031	$38,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$12,700	
Exhaust Fans								
Interior	100%			2028	$63,900	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 65 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$400	4	$500	
Fixtures								
Generic	100%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: DISTRICT OFFICE 32 SECOND OPPORTUNITY SCHOOL		
Address	: 797 BUSHWICK AVENUE BTWN: DEKALB AVE - STOCKHOLM ST		
Borough	: BROOKLYN	**Agency's Number**	: K865
Program / Asset #	: BOE0563.020 / 1282	**Yr Built/Renovated**	: 1890 / 1999
Area Sq Ft	: 89,000	**Project Type**	: EDUCATION
Date of Survey	: 04-Mar-2020	**Landmark Status**	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,4		
Block	: 3242 **Lot** : 1	**BIN**	: 3073761

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$683,600	$80,700
Interior Architecture	$2,702,200	$55,100
Electrical	$371,800	$451,100
Mechanical	$343,900	$2,575,300
Total	**$4,101,500**	**$3,162,200**
Importance Code A	$683,600	$175,300
Importance Code B	$3,280,700	$2,986,900
Importance Code C	$137,200	
Total	**$4,101,500**	**$3,162,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,900		$38,000	
Interior Architecture	$204,700		$1,200	$7,300
Electrical	$17,200	$8,400	$14,100	$8,600
Mechanical	$174,600	$13,000	$21,700	$14,200
Site Enclosure	$8,500			
Site Pavements	$14,700			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$445,500**	**$33,300**	**$86,800**	**$41,900**
Importance Code A	$40,800	$8,400	$46,500	$8,400
Importance Code B	$313,100	$24,900	$40,300	$33,500
Importance Code C	$91,600			
Total	**$445,500**	**$33,300**	**$86,800**	**$41,900**

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	2%			2066	* *	10	$4,500	
Masonry: Brick Cavity	85%			LIFE	* *	5	$80,700	
Masonry: Limestone	2%			LIFE	* *	5	$1,400	
Metal Panel	4%			2051	* *	5-10	$26,100	
Slate Panels	5%			LIFE	* *	5	$3,600	
Wood	2%			2044	* *	5	$9,500	
Windows								
Aluminum	98%	Now	$683,600	2039	* *	5	$14,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Louvers	2%			2040	* *	10	$3,700	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,800	
Masonry: Brick Cavity	20%			LIFE	* *	5	$3,500	
Efflorescence, Extent : Light, Area Affected : 30%								
Location : New Parapet Walls								
Metal Cornice	15%			2066	* *	10	$8,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Parapets								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Replacing Wood Cornice Throughout								
Explanation : Fiberglass Cornice								
Metal Rail	10%	Now	$5,900	2044	* *	5	$12,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Parapets								
No Component	50%							
Roof								
Copper/Terne	2%			2059	* *	10	$3,000	
Metal Panel	3%			2044	* *	10	$3,300	
Modified Bitumen	30%			2036	* *	10	$17,900	
Slate	65%			LIFE	* *			
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$23,100	LIFE	* *	5	$29,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	5%	Now	$19,100	2034	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout 4th Floor Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout Toilets								
Terrazzo	20%	2-4	$50,700	LIFE	* *	5	$21,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor Corridor								
Vinyl Tile	40%	Now	$30,000	2036	* *	3	$20,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Upper Corridors								
Uneven Surface, Extent : Light, Area Affected : 15%								
Location : Upper Corridors								
Vinyl Tile 9" X 9"	3%	Now	$35,900	2026	$717,900	3	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout 4th Floor And Basement								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout 4th Floor And Basement								
Vinyl Tile 9" X 9"	7%			2026	$1,675,100	3	$3,600	
Wood	15%	Now	$121,300	2046	* *	5	$19,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout 4th Floor								
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout 4th Floor								
Dry Rot/Decay, Extent : Moderate, Area Affected : 15%								
Location : Throughout 4th Floor								

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DISTRICT OFFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$20,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$14,500	2034	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout 4th Floor Toilets								
Masonry: Brick	15%	Now	$60,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Masonry: Fieldstone	5%	Now	$48,600	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement Boiler Room								
Explanation : Erodded Mortar Joints And Water Penetration								
Plaster	15%	Now	$77,000	LIFE	* *	5	$4,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout 4th Floor And Basement								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Plaster	55%			LIFE	* *	5	$17,400	
Ceilings								
AcousTile,Adhered	10%			2044	* *	5	$13,600	
AcousTileSusp.Lay-In	10%			2044	* *	5	$13,600	
Exposed Struc: Steel	15%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Exposed Metal Decking								
Plaster	65%			LIFE	* *	5	$55,100	
Site Enclosure								
Fence/Gates								
Chain Link	15%			2051	* *			
Iron Picket	85%	4+	$8,500	2066	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Around Parking Lot								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$14,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Parking Lot Entrance And Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			

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DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2031	$159,300	5	$300	
Molded Case Bkrs	30%			2031	$68,300	5	$700	
Raceway								
Conduit	70%			2031	$141,200	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$200	
Molded Case Bkrs	80%			2039	* *	5	$1,900	
Molded Case Bkrs	10%			2030	$24,000	5	$200	
Wiring								
Braided Cloth	20%			2030	$58,300	1		
Thermoplastic	80%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$81,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%	Now	$7,500	2036	* *			
Not Functioning, Extent : Light, Area Affected : 100%								
Location : Ten Fixtures Not Operational Throughout The Building								
Exit, Battery	50%			2036	* *	10	$3,000	
Exterior Lighting								
HID	100%			2036	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2034	* *	5	$600	
Alarm								

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DISTRICT OFFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2026	$83,500	1	$16,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$16,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Analog	90%			2026	$206,600	1-3	$49,400	
Generic, Digital	10%			2036	* *	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 4,000 Gallons								
Conversion Equipment								
Hot Water Boiler	10%	2-4	$18,900	2029	$94,600	1	$4,000	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room In Extension Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Of The Extension								
Explanation : One Boiler								
Steam Boiler	90%			2036	* *	1	$79,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	10%			2039	* *	4	$400	
Steam Piping/Pump	80%			2031	$570,200			
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Steam Piping/Pump	10%			2041	* *			

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DISTRICT OFFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	95%	Now	$34,600	2029	$691,400	1	$24,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	5%			2026	$110,300	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	30%			2039	* *	1		
No Component	70%							
Conversion Equipment								
Interior Pkg Unit - Cooling	5%	Now	$42,200	2025	$70,400	2	$200	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : 4th Floor								
Split Unit	5%			2031	$105,700			
Window/Wall Unit	25%			2026	$84,300	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,600	
Exhaust Fans								
Interior	20%	Now	$23,700	2026	$78,900	2	$400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Throughout								
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Need Ventilation Exhaust Blowers								
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2051	* *	1		
Galvanized Steel	98%			2029	$1,113,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$22,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Floor Drains								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2031	$17,800	4	$1,900	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	$7,900	1	$1,100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Explanation : Unit Serves Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	66%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Passenger Unit. Often Malfunctions								
Hydraulic	34%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : Unit Is Broken								
Fire Suppression								
Sprinkler								
Generic	100%	2-4	$24,600	2041	* *	1-2	$21,600	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Sprinkler Main Service								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **DIVISION OF SCHOOL FACILITIES -Q**		
Address	: **28-11 QUEENS PLAZA NORTH**		
Borough	: **QUEENS**	**Agency's Number**	: **Q800**
Program / Asset #	: **BOE0894.000 / 1460**	**Yr Built/Renovated**	: **1911 / 2005**
Area Sq Ft	: **182,656**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6,7,8,9,Ph**		
Block	: **417** **Lot** : **2**	**BIN**	: **4005022**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,740,500	$191,200
Interior Architecture	$776,200	
Electrical	$1,961,800	$1,938,900
Mechanical	$3,998,900	$3,983,000
Site Pavements	$73,900	
Total	**$8,551,400**	**$6,113,100**
Importance Code A	$1,740,500	$1,839,200
Importance Code B	$6,810,900	$4,273,900
Total	**$8,551,400**	**$6,113,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$109,000			$16,900
Interior Architecture	$145,100	$32,800	$22,900	$42,900
Electrical	$34,800	$18,400	$26,300	$60,000
Mechanical	$64,300	$46,700	$63,300	$125,600
Elevators/Escalators	$62,200	$62,200	$62,200	$62,200
Total	**$415,400**	**$160,100**	**$174,700**	**$307,700**
Importance Code A	$126,200	$17,200	$17,200	$34,500
Importance Code B	$205,500	$142,900	$153,500	$273,100
Importance Code C	$83,700		$4,000	
Total	**$415,400**	**$160,100**	**$174,700**	**$307,700**

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$105,800	
Masonry: Brick	45%			LIFE	* *	5	$61,000	
Masonry: Brick	18%	Now	$401,600	LIFE	* *	5	$24,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 30%								
Location : Penthouse, Bulkheads								
Sidewalk Shed in Use, Extent : Severe, Area Affected : 10%								
Location : Facades On 28th, 29th Street And Queens Plaza								
Spalling, Extent : Severe, Area Affected : 35%								
Location : Facades On 28th, 29th Street And Queens Plaza								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Penthouse, Bulkheads								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 28th Street								
Explanation : Netting Installed								
Masonry: Granite	5%			LIFE	* *	5	$5,100	
Metal Panel	5%	0-2	$9,000	2042	* *	5	$12,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Sect. OHD	2%			2037	* *	5	$8,500	
Pre-Cast Concrete	10%	2-4	$49,100	LIFE	* *	5	$44,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Queens Plaza North								
Window Wall	5%			2052	* *	5	$25,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Ground Floor								
Explanation : All Window Walls Bordered Over And Covered On Interior And Exterior								
Windows								
Aluminum	90%	0-2	$366,300	2048	* *	5	$12,800	
Air Infiltration, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Clad	10%	Now	$142,500	2057	* *	5	$8,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : North Facade, Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : North Facade, Stairs								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Cast Iron Window Washer Bolts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,100	
Masonry: Brick	70%	Now	$348,400	LIFE	* *	5	$9,200	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Parapet								
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Bulkheads								
Metal Rail	20%	Now	$17,600	2037	* *	5	$18,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : South Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : South Facade								
Roof								
Built-Up (BUR)	3%	Now	$18,500	2042	* *			
Blisters, Extent : Moderate, Area Affected : 60%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
IRMA/Protected Membrane	85%	Now	$424,100	2042	* *			1
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Over East Stair								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Modified Bitumen	10%	Now	$57,600	2042	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 30%								
Location : Penthouse								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Penthouse								
Skylight, Metal/Glass	2%	0-2	$14,800	2042	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	30%			2028	$1,070,800	3	$90,800	
Cast in Place Concrete	10%			LIFE	* *	5	$44,100	
Ceramic Tile	5%	0-2	$56,900	2041	* *	5	$5,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Bathrooms								
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Raised Access Floor	5%			2041	* *	5	$37,800	
Terrazzo	10%	0-2	$94,300	LIFE	* *	5	$15,800	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 9th Floor Corridor, Main Lobby								
Vinyl Tile	10%			2037	* *	3	$7,600	
Vinyl Tile 9" X 9"	30%	Now	$534,300	2042	* *	3	$22,700	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor And Various Locations								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$8,000	
Concrete Masonry Unit	15%	Now	$44,900	LIFE	* *	5	$9,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room, Storage No.4 And Dot Boiler Rooms								
Gypsum Board	15%			LIFE	* *	5	$14,300	
Metal Panel	10%			LIFE	* *			
Travertine Panels	5%			LIFE	* *			
Plaster	50%	Now	$38,800	LIFE	* *	5	$23,900	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Bulkheads, And Penthouse								
Ceilings								
AcousTileConcealSpLn	12%	Now	$19,500	2037	* *	5	$15,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 9th Floor								
AcousTileConcealSpLn	28%			2037	* *	5	$70,600	
AcousTileSusp.Lay-In	25%	Now	$41,900	2045	* *	5	$25,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 9th Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : 5th Floor, At Stair Landings								
Exposed Struc: Concrete	15%	Now	$90,700	LIFE	* *	5	$4,700	
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room And Storage No.4								
Plaster	20%			LIFE	* *	5	$25,200	
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$73,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : 28th Street, Queens Plaza North								
Misaligned/Bulging, Extent : Severe, Area Affected : 40%								
Location : 28th Street, Queens Plaza North								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Installed								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	40%			2032	$143,000	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Fused Disc Sw	50%			2032	$72,100	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Disconnect Switch Rated At 2000 Amperes								
Fused Disc Sw	10%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	95%			2032	$339,700	5	$700	
Molded Case Bkrs	5%			2052	* *	5	$200	
Raceway								
Conduit	85%			2032	$312,900	1		
Conduit	15%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$33,900	5	$400	
Fused Knife Sw	5%	2-4	$17,000	2057	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	25%			2048	* *	5	$1,200	
Molded Case Bkrs	60%			2031	$203,600	5	$2,900	
Wiring								
Braided Cloth	75%	2-4	$422,100	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2030	$42,200	5	$1,100	
Locally Mounted	8%			2045	* *	5	$100	
Variable Frequency Drive	2%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$56,200	
Generators								
Diesel	100%			2041	* *	1	$70,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 1000 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$6,800	
Fuel Storage								
Main Tank	100%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Two Main Tank Rated At 275 Gallons Each								
Lighting								
Interior Lighting								
Fluorescent	40%			2027	$1,246,700	10	$67,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2032	$623,300	10	$33,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	20%			2037	* *	10	$33,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	20%			2040	* *			
Egress Lighting								
Emergency, Service	20%			2037	* *	1		
Emergency, Battery	35%			2027	$107,300	10	$15,400	
Emergency, Battery	5%			2037	* *	10	$2,200	
Exit, Service	10%			2037	* *	1		
Exit, Service	30%			2027	$23,600	1		
Exterior Lighting								
HID	10%			2027	$85,200	10	$100	
No Component	90%							

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$102,900	1	$20,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Storage, Roof, Basement								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$141,300	1-3	$33,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Storage								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2058	* *	1		
Natural Gas	90%			2042	* *	1		
Conversion Equipment								
Hot Water Boiler	10%			2049	* *	1	$9,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Department Of Transportation Section Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	90%			2030	$1,432,900	1	$162,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units, 2 Of Them Are Defective Units. And 2 Steam To Hot Water Heat Exchangers In Garage For Building Extension Areas.								
Distribution								
Hot Wtr Piping/Pump	20%			2031	$79,900	4	$1,800	
Hot Wtr Piping/Pump	10%			2054	* *	4	$900	
Steam Piping/Pump	70%	Now	$102,400	2032	$1,023,900			
Corroded, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return Line, Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Steam And Condensate Piping Are Beyond Their Useful Life Cycle Limit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	28%	2-4	$577,500	2042	* *	1	$28,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Third, Sixth And Ninth Floors, All Units Are Beyond Their Useful Life Cycle Limit								
Air Handler	12%			2042	* *	1	$13,600	
Convector/Radiator	50%			2030	$746,800	1	$29,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Units Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	10%			2040	* *	1	$5,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	0-2	$323,400	2042	* *	1	$15,200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Mechanical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Chiller Plant Is Beyond Its Useful Life Cycle Limit								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 2 Units. R-12 Refrigerant								
Reciprocating Compr/Chiller	5%			2040	* *	1	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Department Of Transportation Section.								
Explanation : 2 Units.								
Reciprocating Compr/Chiller	20%			2027	$538,900	1	$16,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Split Unit	5%			2037	* *			
Window/Wall Unit	50%			2027	$346,000	1		
Distribution								
CW & CHW Wtr Pipe/Pump	40%	0-2	$5,900	2042	* *	4	$3,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
CW & CHW Wtr Pipe/Pump	10%			2052	* *	4	$1,400	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2027	$1,417,700	1	$45,200	
Fan Coil - 4 Pipe	10%			2037	* *	1	$5,900	
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	10%			2037	* *	2	$12,700	
Water Cooling Tower	40%			2026	$369,000	2	$73,500	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$40,700	
Ductwork/Diffusers	10%			LIFE	* *	2-5	$10,200	
No Component	50%							
Exhaust Fans								
Interior	40%			2027	$324,000	2	$2,200	
Interior	10%			2040	* *	2	$600	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$699,600	1		
Water Heater With Tanks								
Electric	10%			2031	$2,400	4		
Gas Fired	90%			2027	$15,400	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Is Beyond Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Storm Piping Is Beyond Useful Life Cycle Limit								
Sump Pump(s)								
Non-Submersible	100%			2027	$36,600	4	$3,900	
Sewage Ejector(s)								
Electric	100%			2040	* *	4	$10,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Passenger Elevators 1st Floor To 9th Floor, Freight Elevators Basement To 1st Floor								
Explanation : 5 Geared Traction Passenger Elevators And 1 Freight Is Not Working								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Hydraulic Freight Elevator								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$95,500	
Sprinkler								
No Component	90%							
Generic	10%			2052	* *	1-2	$5,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Department Of Transportation Section								
Explanation : Sprinkler System For Department Of Transportation								
Chemical System								
Dry	10%			2031	$40,700	1-3	$36,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Department Of Transportation Section								
Explanation : Chemical System For Department Of Transportation								
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **E. BRONX ACADEMY FOR THE FUTURE**		
Address	: **1716 SOUTHERN BLVD. @ E. 174 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **LEASE-X973**
Program / Asset #	: **BOE1057.000 / 14352**	**Yr Built/Renovated**	: **1969 / 2005**
Area Sq Ft	: **60,410**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2983** **Lot** : **15**	**BIN**	: **2010604**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$624,900	$87,800
Electrical	$69,300	$269,200
Mechanical		$2,597,300
Total	**$694,200**	**$2,954,300**
Importance Code A	$624,900	$691,000
Importance Code B	$69,300	$2,263,300
Total	**$694,200**	**$2,954,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,600			
Interior Architecture	$133,800		$7,300	$3,500
Electrical	$41,000	$9,800	$10,000	$11,000
Mechanical	$112,800	$63,200	$55,300	$32,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$321,100**	**$80,900**	**$80,600**	**$55,200**
Importance Code A	$27,700	$3,800	$2,100	$3,800
Importance Code B	$262,900	$77,200	$78,500	$49,300
Importance Code C	$30,500			$2,100
Total	**$321,100**	**$80,900**	**$80,600**	**$55,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$175,600	
Granite Panels	10%			LIFE	* *	5	$14,600	
Windows								
Aluminum	100%			2049	* *	5	$10,200	
Parapets								
Masonry: Brick Cavity	10%			LIFE	* *	5-10	$15,400	
Metal Panel	60%			2053	* *	5	$52,500	
No Component	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof Edge								
Explanation : Chainlink Fencing Used As Roof Guard Railing Moved To Site Components								
Roof								
Modified Bitumen	100%	Now	$537,000	2043	* *			1
Alligatoring, Extent : Severe, Area Affected : 50%								
Location : Main Roof								
Blisters, Extent : Severe, Area Affected : 20%								
Location : Over Fourth Floor								
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Main Roof								
Seams Open/Split, Extent : Severe, Area Affected : 20%								
Location : Over Fourth Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 4th Floor								
Soffits								
Metal Panel	100%			2053	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,800	
Ceramic Tile	3%			2042	* *	5	$2,700	
Quarry Tile	2%			2046	* *	5	$2,700	
Sheet Vinyl/Rubber	35%	4+	$41,400	2038	* *	5	$23,700	
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridors, Multipurpose Room								
Slate	2%			LIFE	* *	5	$3,800	
Vinyl Tile	53%			2038	* *	3	$18,000	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *	10	$4,300	
Ceramic Tile	5%			2042	* *	5	$4,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,900	
Folding Partition	2%			2049	* *	5	$4,300	
Glass: Single Pane	3%			LIFE	* *	5	$3,900	
Gypsum Board	78%	4+	$18,700	LIFE	* *	5	$40,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Roof 101f								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%	4+	$25,600	2046	* *	5	$38,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Multipurpose Room								
Exposed Struc: Steel	5%			LIFE	* *	10	$9,000	
Gypsum Board	5%			LIFE	* *	5-10	$15,500	
Metal Panel	5%			LIFE	* *	5	$11,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 1,600 Amperes Each								
Fused Disc Sw	50%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 600 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%	Now	$26,800	2053	* *	1	$16,700	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%	Now	$69,300	2048	* *	1	$21,100	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Rated At 281 Kilovolt Amperes								
Batteries								
Lead/Acid	100%	Now	$1,200	2028	$2,500	5	$1,100	
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof. Generator Enclosure								
Explanation : 275 Gallons Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Tank Room 106c								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	70%			2038	* *	10	$38,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	25%	Now	$4,500	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Room 106								
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$2,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2033	$18,600	1		
Exit, Service	20%			2033	$5,200	1		
Exit, Battery	30%			2033	$25,700	10	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	6%			2033	$14,500	10	$300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Controlled Via Timer								
HID	4%			2033	$11,300	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$113,400	1	$22,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$155,800	1-3	$38,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	30%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Areas								
Explanation : Terminal Units Are Electric								
Natural Gas	70%			2053	* *	1		
Conversion Equipment								
Furnace	70%			2033	$131,500	1	$20,900	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Radiant Heater	30%			2033	$471,700	2	$8,400	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Areas								
Explanation : Unit Heaters, Door Heaters, And Reheat Coils Electrical								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Fan Coil Unit/Heat	30%			2033	$449,300	1	$5,900	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Areas								
Explanation : All Terminal Units. Reheat Coils, Unit Heaters, Entrance Door Heaters Are Electrical								
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	85%	Now	$43,100	2033	$862,700	2	$2,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Building Control System								
R-22 Refrigerant, Extent : Light, Area Affected : 85%								
Location : 5 Rooftop Units. Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Units Of Various Tons, Each R-22 Refrigerant								
Split Unit	15%			2033	$215,200			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$98,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,300	
Exhaust Fans								
Roof	85%			2028	$99,600	2	$1,600	
Not Accessible	15%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Basement Mechanical And Electrical Rooms Exhaust								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	$31,600	4	$3,600	
Backflow Preventer								
Generic	100%			2041	* *	1	$3,700	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$16,900	
Fire Pump								
Generic	100%			2042	* *	1	$11,300	
Chemical System								
Generic	100%			2031	$367,200	1-3	$334,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood. 1 Set Fire Suppression 90 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **EAGLE ACADEMY FOR YOUNG MEN - BX**		
Address	: **4143 3RD AVENUE @ E.176 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X465**
Program / Asset #	: **BOE1120.000 / 14576**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2923** **Lot** : **23**	**BIN**	: **2000000**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$204,600	$120,000
Interior Architecture		$98,100
Electrical	$71,500	
Mechanical		$81,600
Total	**$276,100**	**$299,700**
Importance Code A	$204,600	$120,000
Importance Code B	$71,500	$81,600
Importance Code C		$98,100
Total	**$276,100**	**$299,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,100			$18,700
Interior Architecture	$141,600		$34,400	$47,400
Electrical	$14,600	$12,400	$13,100	$10,700
Mechanical	$34,400	$20,200	$20,600	$15,300
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$219,500**	**$44,400**	**$80,000**	**$103,800**
Importance Code A	$24,600	$3,600	$4,200	$22,100
Importance Code B	$194,900	$40,800	$52,000	$81,700
Importance Code C			$23,900	
Total	**$219,500**	**$44,400**	**$80,000**	**$103,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$120,000	
Metal/Glass Curt Wall	10%	Now	$126,400	LIFE	* *	5	$28,100	
Glazing Broken/Cracked, Extent : Severe, Area Affected : 15%								
Location : North And West Facades, 4th Floor Roof Level Has Impact Cracks								
Pre-Cast Concrete	2%			LIFE	* *	5	$9,700	
Slate Panels	8%			LIFE	* *	5	$9,000	
Windows								
Aluminum	95%	4+	$78,200	2052	* *	5	$8,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East Facade Has Wind Damage								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Corridors								
Explanation : Gasketing Within Panes Displaced								
Metal Louvers	5%			2043	* *	10	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Street Level								
Explanation : Actually Metal Perforated Protective Grilles								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$10,900	
Metal Rail	10%			2047	* *	5-10	$24,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,600	
Roof								
IRMA/Protected Membrane	90%	4+	$17,100	2038	* *			
Ponding, Extent : Severe, Area Affected : 10%								
Location : Area Under Generator In South East Corner								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof Penetration For Smoke Damper								
Metal Panel	5%			2047	* *	10	$3,700	
Plaza Roof: Stone Panels	5%			2056	* *			
Soffits								
Cement - Fiber Panel	100%			2035	* *	10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$99,700	2032	$99,700	3	$8,500	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$12,300	
Ceramic Tile	5%			2043	* *	5	$5,600	
Quarry Tile	5%	4+	$8,300	2047	* *	5	$4,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Floor Drain In Kitchen Leaking Into Gymnasium Below								
Vinyl Tile	75%			2038	* *	3	$31,700	
Wood	5%	4+	$33,600	2065	* *	5	$5,300	
Deflection Evident, Extent : Moderate, Area Affected : 20%								
Location : Floor Boards Cupping In Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	25%			2043	* *	5	$68,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Acoustic Block								
Gypsum Board	60%			LIFE	* *	5	$98,100	
Operable Wall	5%			2056	* *	5	$47,700	
Ceilings								
AcousTileSusp.Lay-In	85%			2047	* *	5	$89,200	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$6,600	
Metal Panel	5%			LIFE	* *	5	$6,600	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2043	* *			
Pavers/Stone	50%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2046	* *	5	$300	
Molded Case Bkrs	85%			2046	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$24,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Transfer Switch Room								
Explanation : Three Automatic Transfer Switches								
Generators								
Diesel	100%			2039	* *	1	$30,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 230 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,900	
Fuel Storage								
Day Tank	20%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$64,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	9%			2035	* *	10	$6,400	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Lobby, Cafeteria And Stairway								
Fluorescent	1%			2035	* *	10	$700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallway								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
Fluorescent	20%			2035	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Front Of The Building								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Perimeter Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$48,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2056	* *	1		
Natural Gas	90%			2056	* *	1		

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DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%			2035	* *	1	$34,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Radiant Heater	10%	0-2	$4,100	2035	* *	2	$2,900	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Staircases And Hallways								
Explanation : 20 Electrical Radiants								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2035	* *	2	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units - R407c Refrigerant								
Ext Pkg Unit - Heating/Cooling	5%	0-2	$13,100	2035	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : 4 Compressors Of No. 2 Unit On Roof								
Split Unit	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410a Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$41,300	
Ductwork/Diffusers	5%	0-2	$3,400	LIFE	* *	2-5	$2,200	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Defective Building Management System, Throughout								
Exhaust Fans								
Roof	100%			2035	* *	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,100	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,800	
Fixtures								
Generic	100%							
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Basement And 4th Floor Restrooms								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : No. 2 Unit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From The Basement To 4th Floor, One Unit From The 1st To 2nd Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2056	* *	1-2	$21,900	
Fire Pump								
Generic	100%			2039	* *	1	$14,600	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **EAST N.Y. TRANSIT TECH. H.S.-BK**		
Address	: **1 WELLS STREET @ FOUNTAIN AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K615**
Program / Asset #	: **BOE0649.000 / 1211**	**Yr Built/Renovated**	: **1941 / 1998**
Area Sq Ft	: **182,320**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4155** **Lot** : **75**	**BIN**	: **3327249**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$522,000	$2,622,900
Interior Architecture	$777,100	$3,182,700
Electrical		$1,768,400
Mechanical	$45,200	$9,134,900
Total	**$1,344,200**	**$16,708,900**
Importance Code A	$522,000	$4,212,000
Importance Code B	$732,100	$12,496,900
Importance Code C	$90,100	
Total	**$1,344,200**	**$16,708,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$87,400		$13,200	
Interior Architecture	$245,300		$2,700	$13,600
Electrical	$52,700	$29,700	$33,800	$31,900
Mechanical	$125,100	$67,000	$87,000	$78,600
Site Enclosure	$30,400			
Site Pavements	$25,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$574,000**	**$104,600**	**$144,700**	**$132,000**
Importance Code A	$109,100	$18,100	$31,300	$18,100
Importance Code B	$246,000	$86,500	$113,400	$114,000
Importance Code C	$218,800			
Total	**$574,000**	**$104,600**	**$144,700**	**$132,000**

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Bronze/Brass	2%			LIFE	* *	10	$71,000	
Concrete Masonry Unit	2%			LIFE	* *	5	$5,700	
Masonry: Brick Cavity	6%	Now	$59,300	LIFE	* *	5	$13,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead								
Masonry: Brick Cavity	79%			LIFE	* *	5	$358,800	
Masonry: Fieldstone	2%			LIFE	* *	5	$6,800	
Masonry: Granite	5%			LIFE	* *	5	$17,000	
Masonry: Limestone	3%			LIFE	* *	5	$10,200	
Metal Coiling Doors	1%	0-2	$15,200	2046	* *	5	$3,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	94%			2049	* *	5	$51,000	
Bronze/Brass	5%	Now	$16,100	2041	* *	5	$8,500	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Media Room								
Metal Louvers	1%	Now	$1,500	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$155,900	
Metal Rail	5%			2046	* *	5-10	$21,700	
Roof								
Built-Up (BUR)	23%	4+	$7,600	2038	* *			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 10%								
Location : Roof								
Copper/Terne	5%			2061	* *	10	$17,600	
IRMA/Protected Membrane	70%			2033	$2,331,300	10	$98,500	
Skylight, Metal/Glass	2%	2-4	$79,100	2043	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Roof								
Soffits								
Exposed Struc: Steel	80%	4+	$1,700	LIFE	* *	5	$800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout the large metal lintel								
Stucco Cement	20%			2046	* *	5	$200	
Interior								

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$119,100	
Ceramic Tile	3%	0-2	$31,100	2036	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	2%	0-2	$10,200	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	40%			2033	$3,008,300	3	$54,400	
Wood	45%	4+	$365,300	2048	* *	5	$114,900	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : 1st And 2nd Floors Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$23,700	
Ceramic Tile	2%	Now	$10,400	2042	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$35,600	LIFE	* *	5	$7,600	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Rail Car Laboratory								
Masonry: Brick	5%	Now	$90,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Marble Panels	1%	2-4	$10,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Marble Panels	2%			LIFE	* *	10	$1,500	
Plaster	50%	Now	$46,100	LIFE	* *	5	$28,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkheads								
SGFT/Glazed Masonry	5%	Now	$17,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Base Of Corridor								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$18,900	
Ceilings								
AcousTileConcealSpLn	5%			2038	* *	5	$17,000	
AcousTileSusp.Lay-In	2%			2046	* *	5	$5,400	
Exposed Struc: Concrete	65%			LIFE	* *	5-10	$221,200	
Exposed Struc: Steel	5%			LIFE	* *	10	$27,200	
Plaster	23%			LIFE	* *	5-10	$107,600	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Iron Picket	50%	0-2	$30,400	2068	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 2%								
Location : Base Of Fence Wells Street And Fountain Avenue								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Wells Street								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	10%	0-2	$4,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Exterior Steps								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$21,000	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Parking Area								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Parking Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$800	
Raceway								
Conduit	95%			2033	$320,300	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$400	
Molded Case Bkrs	85%			2032	$288,400	5	$4,100	
Molded Case Bkrs	5%			2041	* *	5	$200	
Wiring								
Thermoplastic	95%			2033	$426,800	1		
Thermoplastic	5%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	5%			2038	* *	5	$100	
Locally Mounted	95%			2031	$172,400	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$56,100	
Generators								
Diesel	100%			2036	* *	1	$70,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 175 Kilowatts								
Batteries								
Nickel Cadmium	100%			2028	$2,500	5	$40,600	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$158,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Compact Fluorescent Lights								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2033	$56,200	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$342,300	1	$68,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$112,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$424,000	5	$56,500	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 1 Out Of 2 Oil Tanks, Basement								
Conversion Equipment								
Steam Boiler	6%	0-2	$4,800	2031	$95,300	1	$9,700	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : All 4 Burners, Boiler Room								
Steam Boiler	94%			2031	$1,493,800	1	$169,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$29,200	2043	* *			
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Thermostats, Various Locations								
Steam Piping/Pump	90%			2033	$1,314,000			
Terminal Devices								
Air Handler	20%			2028	$686,200	1	$22,600	
Convector/Radiator	70%			2031	$1,043,600	1	$41,200	
Fan Coil Unit/Heat	10%			2028	$452,000	1	$5,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$216,500			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : 3 Units, R-22, 1 Unit, R-410a Refrigerant								
Window/Wall Unit	80%			2031	$552,500	1		
No Component	15%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2033	$236,400	1	$2,900	
No Component	95%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	5%			2033	$35,600	2	$6,400	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$161,000	
Exhaust Fans								
Interior	75%			2028	$606,500	2	$4,200	
Roof	25%			2028	$88,400	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$465,500	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit With One 400 Gallon Tank								
HW Heat Exchanger								
Steam Fired	100%			2033	$881,600	4	$27,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$36,500	4	$5,800	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$7,300	
Fixtures								
Generic	80%							
Generic	20%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$91,900	
Sprinkler								
No Component	90%							
Generic	10%			2033	$252,100	1-2	$5,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2028	$326,400	1-3	$323,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 80 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **EAST NY FAMILY ACADEMY - BK**		
Address	: **760 VAN SICLEN AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K409**
Program / Asset #	: **BOE1186.000 / 15474**	**Yr Built/Renovated**	: **2021 /**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **4328** **Lot** : **15**	**BIN**	: **3426033**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$81,800	$81,800
Interior Architecture	$324,200	$119,300
Mechanical		$571,200
Total	**$406,100**	**$772,300**
Importance Code A	$81,800	$81,800
Importance Code B	$51,600	$571,200
Importance Code C	$272,600	$119,300
Total	**$406,100**	**$772,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,600	$19,400	$3,500	
Interior Architecture	$77,000	$40,500	$24,200	
Electrical	$17,600	$15,700	$16,000	$14,300
Mechanical	$124,500	$51,900	$56,100	$99,800
Site Enclosure	$100			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$288,700**	**$137,400**	**$109,700**	**$124,000**
Importance Code A	$64,200	$23,800	$7,900	$4,400
Importance Code B	$213,100	$110,100	$91,900	$119,700
Importance Code C	$11,400	$3,600	$9,900	
Total	**$288,700**	**$137,400**	**$109,700**	**$124,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST NY FAMILY ACADEMY - BK
Asset # : 15474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$163,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$29,600	
Stucco Cement	5%			2050	* *	5	$11,400	
Windows								
Aluminum	98%			2055	* *	5	$27,400	
Metal Louvers	2%			2046	* *	10	$3,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$21,200	
Concrete Masonry Unit	30%			LIFE	* *	5-10	$12,300	
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Interior Parapet								
Explanation : Water Proofing Cover Interior Parapet								
Masonry: Brick	45%			LIFE	* *	5-10	$23,000	
No Component	15%							
Roof								
IRMA/Protected Membrane	85%			2041	* *	10	$36,500	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Upper Roof								
Metal Panel	15%			2050	* *	10	$11,800	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,700	
Ceramic Tile	5%			2046	* *	5	$6,000	
Quarry Tile	5%			2050	* *	5	$9,000	
Sheet Vinyl/Rubber	2%			2041	* *	5	$3,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lab Classrooms								
Explanation : Vinyl Sheet Chemical Floor								
Terrazzo	3%			LIFE	* *	5	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Lobby								
Explanation : Terrazzo Tile								
Vinyl Tile	63%			2041	* *	3	$28,500	
Wood	5%			2048	* *	5	$11,300	
Under Construction	7%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Pool								
Explanation : Pool Under Construction								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST NY FAMILY ACADEMY - BK
Asset # : 15474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$54,000	LIFE	* *			
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Pool Filter Stairs								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Stair C								
Ceramic Tile	7%			2046	* *	5	$19,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$22,700	
Folding Partition	1%			2055	* *	5	$7,100	
Gypsum Board	70%			LIFE	* *	5-10	$337,900	
Under Construction	7%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Pool								
Explanation : Pool Under Construction								
Ceilings								
AcousTileSusp.Lay-In	55%			2050	* *	5	$64,900	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$14,700	
Exposed Struc: Steel	10%			LIFE	* *	10	$23,600	
Gypsum Board	20%			LIFE	* *	5-10	$81,100	
Under Construction	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Pool								
Explanation : Sturctural Wood Beams And Wood Panel Under Construction								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2063	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Linden Boulevard And Van Siclen Avenue								
Explanation : Under Repair								
Metal Panel	10%			LIFE	* *	10	$100	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%			2046	* *			
Activity Yard								
Traffic Topping	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST NY FAMILY ACADEMY - BK
Asset # : 15474

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switches Rated At 2,500 Amperes And 1,200 Amperes								
Transformers								
Dry Type	100%			2050	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 30 Kilovolt Amperes, 208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$400	
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Fused Disc Sw	5%			2055	* *	5	$100	
Molded Case Bkrs	95%			2055	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	10%			2050	* *	5	$100	
Variable Frequency Drive	90%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$27,100	
Generators								
Diesel	100%			2046	* *	1	$34,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$3,300	
Fuel Storage								
Main Tank	100%			2068	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST NY FAMILY ACADEMY - BK
Asset # : 15474

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$500	
Alarm								
Security System								
Generic	100%			2041	* *	1	$32,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$54,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2063	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : This Is A New Building								
Conversion Equipment								
Furnace	80%			2043	* *	1	$34,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Hot Water Boiler	20%			2053	* *	1	$8,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2058	* *	4	$900	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2053	* *	1	$5,700	
No Component	80%							
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST NY FAMILY ACADEMY - BK
Asset # : 15474

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2058	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	80%			2043	* *	2	$4,300	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Rooftop Units. Roof								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,700	
Exhaust Fans								
Roof	100%			2043	* *	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2063	* *	1		
Water Heater With Tanks								
Electric	30%			2033	$7,100	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Mechanical Room								
Explanation : One 120 Gallons Unit								
Gas Fired	70%			2033	$12,000	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Mechanical Room								
Explanation : 1 Tankless Unit With One 250 Gallons Tank.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2043	* *	4	$1,900	
Pool Filter/Treatment								
Under Construction	100%							
Backflow Preventer								
Generic	100%			2043	* *	1	$5,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2063	* *	1-5	$46,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST NY FAMILY ACADEMY - BK
Asset # : 15474

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2063	* *	1-2	$24,600	
Fire Pump								
Generic	100%			2048	* *	1	$16,400	
Chemical System								
Generic	100%			2033	$571,200	1-3	$566,200	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Covering 30 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **EAST SIDE COMMUNITY SCHOOL - M**		
Address	: **420 EAST 12 STREET BTWN: 1 AVE., AVE.A**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M060**
Program / Asset #	: **BOE0037.000 / 1700**	**Yr Built/Renovated**	: **1924 / 2013**
Area Sq Ft	: **120,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4,5**		
Block	: **439** **Lot** : **17**	**BIN**	: **1005974**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$262,300	$76,900
Interior Architecture	$2,025,300	$11,107,600
Electrical	$239,300	$1,641,300
Mechanical	$623,200	$3,295,500
Total	**$3,150,100**	**$16,121,300**
Importance Code A	$262,300	$128,300
Importance Code B	$2,005,100	$15,993,000
Importance Code C	$882,600	
Total	**$3,150,100**	**$16,121,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$113,600		$78,200	
Interior Architecture	$135,600		$18,900	$26,200
Electrical	$40,300	$11,200	$11,600	$14,800
Mechanical	$76,700	$20,900	$32,000	$24,200
Site Enclosure	$42,800			
Site Pavements	$48,000			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$461,900**	**$37,100**	**$145,600**	**$70,100**
Importance Code A	$126,900	$13,200	$91,500	$13,200
Importance Code B	$214,700	$23,800	$48,500	$56,900
Importance Code C	$120,400		$5,700	
Total	**$461,900**	**$37,100**	**$145,600**	**$70,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$153,800	
Masonry: Brick	75%			LIFE	* *	5	$98,400	
Masonry: Granite	5%			LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$25,800	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	40%	Now	$115,900	2049	* *	5	$12,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Aluminum	58%			2049	* *	5	$35,300	
Metal Louvers	2%	Now	$6,700	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$81,400	
Metal Rail	20%			2046	* *	5-10	$61,400	
Marble Panels	5%			LIFE	* *	5-10	$7,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,700	
Roof								
Built-Up (BUR)	5%			2033	$45,500	10	$3,900	
Copper/Terne	5%			2048	* *	10	$9,700	
Modified Bitumen	55%			2038	* *	10	$42,900	
Paver: Asphalt	35%			2036	* *	10	$40,900	
Interior								

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$35,300	2029	$176,700	3	$15,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Art Gallery								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Art Gallery								
Cast in Place Concrete	7%	Now	$119,000	LIFE	**	5	$30,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Sub-basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Sub-basement								
Ceramic Tile	5%			2042	**	5	$10,000	
Quarry Tile	3%			2046	**	5	$9,000	
Sheet Vinyl/Rubber	10%			2038	**	5	$30,000	
Terrazzo	3%			LIFE	**	5	$9,400	
Vinyl Tile	40%	2-4	$44,200	2033	$2,208,400	3	$30,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	Now	$881,800	2028	$8,818,100	3	$18,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	2%			2061	**	5	$7,500	
Interior Walls								
Cast in Place Concrete	10%	Now	$172,900	LIFE	**			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement And Sub-basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Sprinkler Room								
Ceramic Tile	5%			2036	**	5	$11,400	
Concrete Masonry Unit	5%			LIFE	**	5	$9,100	
Gypsum Board	5%			LIFE	**	5-10	$19,300	
Masonry: Brick	10%	0-2	$433,100	LIFE	**			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal: Cage/Fence	5%			LIFE	**	10	$2,300	
Marble Panels	5%			LIFE	**	10	$4,500	
Plaster	50%	Now	$276,700	LIFE	**	5	$34,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Electric Room								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	5%			LIFE	**	10	$5,700	

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$29,900	
AcousTileConcealSpLn	5%			2038	* *	5	$12,500	
AcousTileSusp.Lay-In	5%			2046	* *	5	$10,000	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$24,900	
Plaster	65%			LIFE	* *	5-10	$222,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	0-2	$42,800	2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$48,000	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Steps At All Entries								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$208,100	5	$400	
Fused Disc Sw	20%			2053	* *	5	$100	
Raceway								
Conduit	95%			2033	$231,500	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Molded Case Bkrs	15%			2049	* *	5	$500	
Molded Case Bkrs	75%			2032	$179,600	5	$2,400	
Wiring								
Braided Cloth	70%	0-2	$239,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	20%			2033	$68,400	1		

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	75%			2031	$136,100	5	$600	
Locally Mounted	20%			2046	* *	5	$200	
Variable Frequency Drive	5%			2050	* *			
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2041	* *	10	$120,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$112,100	10	$16,100	
Exit, Service	50%			2028	$28,800	1		
Exterior Lighting								
HID	20%			2028	$112,000	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	50%			2041	* *	1	$22,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								
Generic	50%			2028	$112,600	1	$22,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$309,500	1-3	$76,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Stations, Fire Alarm Panel, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$132,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	10%	0-2	$53,500	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pumps And Various Locations In Basement								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Return Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Steam Piping/Pump	90%			2033	$962,300			
Terminal Devices								
Air Handler	10%	0-2	$251,300	2043	* *	1	$7,400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	90%			2031	$982,700	1	$38,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$91,100	2028	$303,500	1		
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	$58,600	LIFE	* *	2-5	$7,400	
Damaged, Extent : Severe, Area Affected : 10%								
Location : Supply Duct For Auditorium, Cross Bay Area In Basement								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$106,100	
Exhaust Fans								
Interior	95%	0-2	$168,800	2033	$562,600	2	$3,100	
Abandoned in Place, Extent : Moderate, Area Affected : 85%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 85%								
Location : Basement								
Explanation : Disconnected								
Roof	5%	0-2	$600	2033	$13,000	2	$200	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Penthouse								
Explanation : Incomplete Installation Of Kitchen Hood								

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$340,900	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Tankless Unit With One 250 Gallon Tank								
Sanitary Piping								
Cast Iron	10%	0-2	$8,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Bathrooms								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$5,300	2033	$26,700	4	$2,800	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : The Housing, Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$92,300	1-2	$1,900	
Chemical System								
Generic	100%			2028	$40,800	1-3	$40,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **EAST SIDE MIDDLE SCHOOL - M**		
Address	: **331 EAST 91ST STREET @ FIRST AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M114**
Program / Asset #	: **BOE1107.000 / 14563**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,5**		
Block	: **1554** **Lot** : **23**	**BIN**	: **1087665**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$209,000	$195,000
Interior Architecture	$145,000	$68,200
Electrical	$276,200	
Total	**$630,300**	**$263,100**
Importance Code A	$209,000	$195,000
Importance Code B	$276,200	
Importance Code C	$145,000	$68,200
Total	**$630,300**	**$263,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$64,900	$7,300	
Interior Architecture	$2,800	$5,600	$10,300	
Electrical	$8,800	$13,500	$11,100	$13,400
Mechanical	$51,100	$20,700	$40,700	$20,700
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$77,600**	**$119,400**	**$84,300**	**$48,900**
Importance Code A	$3,900	$68,800	$11,400	$3,900
Importance Code B	$73,700	$50,700	$72,800	$45,000
Importance Code C				
Total	**$77,600**	**$119,400**	**$84,300**	**$48,900**

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DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	3%			LIFE	* *	5	$14,100	
Masonry: Brick Cavity	80%	4+	$209,000	LIFE	* *	5	$120,000	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Room 423								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$14,100	
Metal Panel	10%			2050	* *	5-10	$103,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Mechanical Enclosures								
Explanation : Louvered Wall Panels								
Pre-Cast Concrete	2%			LIFE	* *	5	$9,700	
Windows								
Aluminum	85%			2046	* *	5	$14,700	
Glass Block	3%			LIFE	* *	5	$300	
Metal Louvers	12%			2039	* *	10	$13,000	
Parapets								
Masonry: Brick Cavity	55%			LIFE	* *	5	$7,500	
Metal Panel	10%			2050	* *	5	$5,300	
Metal Rail	25%			2043	* *	5-10	$61,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,600	
Roof								
IRMA/Protected Membrane	85%			2035	* *	10	$34,100	
Plaza Roof: Stone Panels	15%			2050	* *			
Soffits								
Exposed Struc: Steel	50%			LIFE	* *	5		
Stucco Cement	50%			2043	* *	5		
Interior								
Floors								
Carpet	2%			2029	$39,900	3	$3,400	
Cast in Place Concrete	5%			LIFE	* *	5	$12,300	
Ceramic Tile	5%			2039	* *	5	$5,600	
Quarry Tile	3%			2043	* *	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$4,400	
Traffic Topping	8%			2035	* *	5	$11,300	
Vinyl Tile	65%			2035	* *	3	$27,500	
Wood	7%			2058	* *	5	$14,800	
Interior Walls								
Ceramic Tile	50%			2039	* *	5	$136,300	
Concrete Masonry Unit	15%	4+	$76,900	LIFE	* *	5	$16,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Gym								
Glass: Single Pane	5%			LIFE	* *	5	$10,200	
Gypsum Board	30%			LIFE	* *	5	$49,100	

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DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%			2043	* *	5	$57,700	
Exposed Struc: Steel	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 65%								
Location : Basement, Mechanical Penthouses								
Explanation : Metal Decking								
Gypsum Board	25%			LIFE	* *	5	$32,800	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$300	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2052	* *	5	$200	
Molded Case Bkrs	90%			2052	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	50%			2047	* *	5	$300	
Variable Frequency Drive	50%			2047	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$24,300	
Generators								
Diesel	100%			2043	* *	1	$30,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room On The 6th Floor								
Explanation : Emergency Generator Rated At 200 Kilowatts								
Batteries								
Lead/Acid	100%	Now	$2,500	2025	$2,500	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Batteries Failed A Year Ago. Generator Has Not Been Tested Since The Batteries Failed.								
Fuel Storage								
Day Tank	50%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : No Available Nameplate Rating Capacity								
Main Tank	50%			2065	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$65,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2035	* *	10	$7,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$203,800	2040	* *	1-3	$44,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Fire Alarm Is On Alarm Mode, It Needs Software Upgrade.								

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DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Mechanical	Current Repair		Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years) / Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2060	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2047	* *	1	$39,100	
Other Observation, Extent : Light, Area Affected : 100%							
Location : Mechanical Room 5th Floor							
Explanation : 2 Boilers							
Distribution							
Hot Wtr Piping/Pump	100%		2052	* *	4	$5,800	
Terminal Devices							
Air Handler	90%		2038	* *	1	$44,000	
Other Observation, Extent : Light, Area Affected : 100%							
Location : 5th Floor Different Locations							
Explanation : 6 Air Handlers With Cooling And Heating Coils							
Fan Coil Unit/Heat	10%		2038	* *	1	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Throughout The Whole Building							
Explanation : Fan Coil Units Along All Windows And Stairs							
Air Conditioning							
Energy Source							
Electricity	100%		2052	* *	1		
Conversion Equipment							
Reciprocating Compr/Chiller	100%		2038	* *	1	$36,600	
Other Observation, Extent : Light, Area Affected : 100%							
Location : Roof Penthouse							
Explanation : 2 Chillers, R-407 Refrigerant							
Distribution							
CW & CHW Wtr Pipe/Pump	100%		2056	* *	4	$5,800	
Terminal Devices							
Air Handler/Cool/Ht	100%		2038	* *	1	$48,900	
Heat Rejection							
Air Cooled Condenser Unit	100%		2038	* *	2	$55,000	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Roof							
Explanation : 2 Units							
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	$44,100	
Exhaust Fans							
Roof	100%		2038	* *	2	$2,400	
Plumbing							
H/C Water Piping							
Galvanized Steel	100%		2047	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room 5th Floor								
Explanation : 400 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sewage Ejector(s)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : In Progress Of Modification Or Replacement								
Backflow Preventer								
Generic	100%			2038	* *	1	$4,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Freight From Basement To 1st Floor, Two Passenger Elevators From 1st To 5th Floor								
Explanation : 3 Elevators								
Fire Suppression								
Sprinkler								
Generic	100%			2056	* *	1-2	$22,100	
Fire Pump								
Generic	100%	Now	$15,100	2043	* *	1	$13,300	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Basement								
Chemical System								
No Component	98%							
Generic	2%			2029	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **EDWARD R. MURROW HIGH SCHOOL -BK**		
Address	: **1600 AVENUE L BTWN: EAST 17 ST., EAST 18 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K525**
Program / Asset #	: **BOE0644.000 / 1207**	**Yr Built/Renovated**	: **1974 / 2015**
Area Sq Ft	: **410,600**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **6734** **Lot** : **109**	**BIN**	: **3180673**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$390,100	$2,855,800
Interior Architecture	$601,400	$13,482,800
Electrical	$1,375,900	$4,626,400
Mechanical	$4,528,800	$14,337,900
Site Pavements		$283,700
Total	**$6,896,200**	**$35,586,500**
Importance Code A	$2,537,400	$2,948,300
Importance Code B	$4,228,600	$32,248,400
Importance Code C	$130,200	$389,800
Total	**$6,896,200**	**$35,586,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$51,600	$17,200	
Interior Architecture	$50,900			$65,600
Electrical	$54,600	$44,200	$40,800	$40,100
Mechanical	$68,100	$152,700	$288,600	$145,100
Site Enclosure	$4,300			
Site Pavements	$41,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$227,600**	**$256,400**	**$354,500**	**$258,700**
Importance Code A		$93,100	$57,900	$40,700
Importance Code B	$206,300	$163,200	$296,600	$218,000
Importance Code C	$21,300			
Total	**$227,600**	**$256,400**	**$354,500**	**$258,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%	4+	$390,100	LIFE	* *	5	$236,900	
Efflorescence, Extent : Light, Area Affected : 90%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2050	* *	5-10	$93,600	
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Upper Level Of Auditorium								
Metal Coiling Doors	5%			2043	* *	5	$42,500	
Window Wall	3%			2050	* *	5	$30,600	
Windows								
Aluminum	97%			2046	* *	5	$34,400	
Metal Louvers	3%			2039	* *	10	$6,600	
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$22,000	
Efflorescence, Extent : Light, Area Affected : 50%								
Location : Throughout								
Metal Rail	25%			2043	* *	5-10	$153,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$21,300	
Roof								
Built-Up (BUR)	86%			2030	$2,155,800	10	$184,700	
Copper/Terne	2%			2045	* *	10	$10,700	
Metal Panel	10%			2043	* *	10	$39,400	
Sloped Glazing	2%			LIFE	* *	5	$57,300	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%	Now	$43,200	2032	$216,000	3	$18,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Planetarium								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Planetarium								
Cast in Place Concrete	7%			LIFE	* *	5	$93,500	
Ceramic Tile	3%	Now	$51,600	2039	* *	5	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Slate	5%			LIFE	* *	5	$32,400	
Vinyl Tile	78%	Now	$263,100	2030	$13,156,200	3	$178,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$91,000	2058	* *	5	$28,600	
Deflection Evident, Extent : Moderate, Area Affected : 15%								
Location : Gymnasiums								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasiums								
Interior Walls								
Ceramic Tile	3%	Now	$64,900	2039	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$31,400	
Folding Partition	3%	Now	$65,300	2046	* *	5	$29,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Gymnasiums And Old Lunch Room								
Masonry: Brick	5%			LIFE	* *			
Metal Panel	7%			LIFE	* *			
Mosaic Tile	2%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$106,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2043	* *	5	$87,100	
AcousTileConcealSpLn	35%	Now	$65,400	2043	* *	5	$127,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Library								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Library								
Exposed Struc: Concrete	48%			LIFE	* *	5	$43,600	
Metal Panel	2%	2-4	$7,700	LIFE	* *	5	$14,500	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$3,600	2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : At Parking Lot								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : At Parking Lot								
Iron Picket	48%			2065	* *			
Masonry: Brick	2%			2050	* *			
Retaining Walls								
Cast in Place Concrete	20%	Now	$700	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Cast in Place Concrete	80%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$24,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Along Chestnut Avenue And Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$3,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	0-2	$14,200	2033	$283,700			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 2%								
Location : Rear Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2030	$92,500	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	20%			2050	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2050	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Ampere Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2028	$26,700	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 750 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$877,800	5	$1,600	
Fused Disc Sw	10%			2050	* *	5	$200	
Raceway								
Conduit	95%			2030	$960,800	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$97,800	5	$900	
Fused Disc Sw	5%			2046	* *	5	$500	
Molded Case Bkrs	75%			2029	$733,500	5	$8,100	
Molded Case Bkrs	10%			2046	* *	5	$1,100	
Wiring								
Thermoplastic	90%			2030	$1,213,000	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2043	* *	5	$600	
Locally Mounted	80%			2028	$435,500	5	$2,200	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$3,000	
Generic	50%			LIFE	* *	5	$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	$26,800	1	$126,300	
Generators								
Diesel	100%			2033	$138,700	1	$159,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Kilowatt								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$15,200	
Fuel Storage								
Main Tank	100%			2033	$76,900	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 75 Gallons								
Lighting								
Interior Lighting								
Fluorescent	85%			2035	* *	10	$320,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2035	* *	10	$18,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Compact Fluorescent Lamps								
Fluorescent	5%			2025	$306,000	10	$18,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Closets And Some Areas In Basement								
Explanation : T-12 Lamps								
Incandescent	3%			2025	$341,300	2	$300	
LED	2%			2035	* *			
Egress Lighting								
Emergency, Service	60%			2035	* *	1		
Exit, Service	30%			2025	$53,100	1		
Exit, Service	10%			2035	* *	1		
Exterior Lighting								
LED	20%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Photocell And Timer								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$46,000	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$317,700	1-3	$75,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$954,800	5	$127,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$2,147,300	2050	* *	1	$366,000	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement Boilers Have No Replacement Parts								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%			2030	$3,288,000			
Terminal Devices								
Air Handler	40%	Now	$154,500	2030	$3,090,700	1	$91,400	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Outside Air Louver Motors, Fan Room								
Convector/Radiator	60%			2035	* *	1	$79,600	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	30%			2039	* *	1	$133,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : For The Building Interior Only								
Window/Wall Unit	40%			2025	$622,200	1		
No Component	30%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$534,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$5,577,000	1	$253,900	
Heat Rejection								
Air Cooled Condenser Unit	20%			2030	$166,400	2	$57,200	
Air Cooled Condenser Unit	20%			2035	* *	2	$57,200	
Water Cooling Tower	30%			2031	$435,500	2	$124,000	
No Component	30%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$360,700	LIFE	* *	2-5	$229,000	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Cafeteria								
Explanation : Broken Automatic Controls								
Exhaust Fans								
Interior	40%			2025	$728,400	2	$5,000	
Interior	10%			2035	* *	2	$1,300	
Roof	50%			2025	$398,400	2	$6,300	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2040	* *	1		
Galvanized Steel	10%			2028	$524,200	1		
HW Heat Exchanger								
HTHW/HW	100%			2040	* *			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$82,200	4	$8,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$207,000	
Sprinkler								
No Component	85%							
Generic	15%			2040	* *	1-2	$17,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **EDWARD REYNOLDS WEST SIDE HS - M**		
Address	: **140 WEST 102ND STREET @AMSTERDAM AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M506**
Program / Asset #	: **BOE1002.000 / 4509**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1855** **Lot** : **9**	**BIN**	: **1055911**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$173,100	$105,200
Interior Architecture	$57,700	
Electrical		$1,463,200
Mechanical	$153,000	$1,857,400
Site Pavements	$202,100	
Total	**$585,900**	**$3,425,800**
Importance Code A	$173,100	$369,600
Importance Code B	$210,700	$3,056,300
Importance Code C	$202,100	
Total	**$585,900**	**$3,425,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,700			
Interior Architecture		$45,100	$3,900	$22,300
Electrical	$8,000	$21,000	$8,400	$8,600
Mechanical	$50,600	$14,000	$22,700	$44,300
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$104,200**	**$92,000**	**$46,900**	**$87,000**
Importance Code A	$37,900	$4,200	$4,200	$4,400
Importance Code B	$66,300	$87,800	$40,600	$82,600
Importance Code C			$2,100	
Total	**$104,200**	**$92,000**	**$46,900**	**$87,000**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$10,700	
Masonry: Brick	98%			LIFE	* *	5	$105,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Facade								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : All Facades								
Windows								
Aluminum	100%	Now	$173,100	2048	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$7,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Pre-Cast Concrete	10%			LIFE	* *	5	$5,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Coping Stones								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Side Of Parapet Wall								
Explanation : Coating Applied								
Roof								
Single Ply Membrane	100%	Now	$32,300	2037	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium, Rooms 306,308,312,318,327, 3rd Floor Hallways								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Classroom 327 And Gymnasium								
Soffits								
Cement - Fiber Panel	100%	4+	$1,500	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entry Soffit								
Interior								
Floors								
Ceramic Tile	3%			2041	* *	5	$3,700	
Quarry Tile	2%			2045	* *	5	$3,700	
Sheet Vinyl/Rubber	10%			2037	* *	5	$18,400	
Vinyl Tile	85%	0-2	$57,700	2037	* *	3	$39,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$4,200	
Glass: Single Pane	3%			LIFE	* *	5	$3,200	
Gypsum Board	57%			LIFE	* *	5	$47,900	
SGFT/Glazed Masonry	37%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	70%			2045	* *	5	$86,600	
Exposed Struc: Steel	10%			LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	20%			LIFE	* *	5	$30,900	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	80%	Now	$94,700	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Entry Way								
Masonry: Granite	15%	Now	$107,400	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Front Entry Steps								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Front Entry Steps								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 100%								
Location : Front Entry Steps								
Loose Units, Extent : Severe, Area Affected : 50%								
Location : Front Entry Steps								
Pavers/Stone	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$400	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	95%			2040	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$600	
Ground								

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DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$26,200	
Generators								
Diesel	100%			2035	* *	1	$32,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 150 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$18,900	
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 50 Gallons								
Main Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$1,216,400	10	$74,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2032	$25,300	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
HID	2%			2032	$20,100	10	$100	
Egress Lighting								
Emergency, Service	50%			2032	$26,200	1		
Exit, Service	50%			2032	$18,300	1		
Exterior Lighting								
HID	20%			2032	$79,300	10	$100	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$16,000	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2032	$16,000	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$65,800	1-3	$15,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2032	$264,400	1	$42,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 12 Rooftop Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	$71,400	2032	$1,428,100	2	$4,200	
Not in Service, Extent : Moderate, Area Affected : 35%								
Location : No.3, No.8, No.10. And 4 Other Units Are Scheduled For Replacement Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 12 Rooftop Package Units. R-22.								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	

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DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	Now	$8,200	2032	$164,900	2	$2,100	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : All Bathroom Exhaust Fans. Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$21,400	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 3%								
Location : Basement Sprinkler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2037	* *	1	$5,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units From Basement To 3rd Floor, 1 Unit From Basement To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
No Component	30%							
Generic	70%			2052	* *	1-5	$30,000	
Sprinkler								
Generic	100%			2052	* *	1-2	$23,800	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **EL PUENTE H.S. - BK**		
Address	: **250 HOOPER ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K778**
Program / Asset #	: **BOE1077.000 / 14423**	**Yr Built/Renovated**	: **1890 / 2017**
Area Sq Ft	: **35,407**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2207** **Lot** : **2**	**BIN**	: **3060407**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$166,100	
Interior Architecture	$92,400	
Mechanical	$684,300	$1,111,900
Total	**$942,800**	**$1,111,900**
Importance Code A	$166,100	$376,200
Importance Code B	$684,300	$735,700
Importance Code C	$92,400	
Total	**$942,800**	**$1,111,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$117,000		$12,600	
Interior Architecture	$132,700			$3,700
Electrical	$3,000	$2,000	$2,800	$2,000
Mechanical	$20,700	$3,300	$22,900	$4,400
Site Enclosure	$8,100			
Site Pavements	$2,200			
Total	**$283,700**	**$5,300**	**$38,300**	**$10,100**
Importance Code A	$118,700	$1,800	$14,300	$1,800
Importance Code B	$116,800	$3,600	$23,900	$8,400
Importance Code C	$48,200			
Total	**$283,700**	**$5,300**	**$38,300**	**$10,100**

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DEPARTMENT OF EDUCATION - 040
EL PUENTE H.S. - BK
Asset # : 14423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$42,800	LIFE	* *	5	$42,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Window Sills Throughout								
Masonry: Brick	75%	Now	$166,100	LIFE	* *	5	$40,300	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Lintels At North Side Exit Doors								
Masonry: Limestone	15%			LIFE	* *	5	$12,100	
Windows								
Aluminum	87%			2041	* *	5	$10,600	
Metal Louvers	3%	Now	$20,300	2048	* *			
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement Boiler Room								
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room								
Steel	10%	Now	$27,500	2058	* *	5	$7,600	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$9,400	
Masonry: Brick	70%			LIFE	* *	5-10	$15,800	
Metal Rail	20%			2046	* *	5-10	$12,000	
Roof								
Metal, Corrugated	5%			2038	* *	1		
Modified Bitumen	95%			2038	* *	10	$24,000	
Interior								
Floors								
Carpet	2%			2029	$18,700	3	$2,100	
Cast in Place Concrete	10%			LIFE	* *	5	$23,200	
Ceramic Tile	5%			2042	* *	5	$2,700	
Terrazzo	35%			LIFE	* *	5	$29,000	
Vinyl Tile	28%	0-2	$20,500	2038	* *	3	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 301, 201 And Throughout								
Wood	20%	4+	$31,600	2048	* *	5	$9,900	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040
EL PUENTE H.S. - BK
Asset # : 14423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	2-4	$5,300	2042	* *	5	$2,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Toilet								
Gypsum Board	45%			LIFE	* *	5-10	$37,100	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Classroom 301, 201								
Masonry: Brick	10%	Now	$92,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Stair And Boiler Room								
Plaster	35%			LIFE	* *	5-10	$14,400	
Ceilings								
AcousTileSusp.Lay-In	60%			2038	* *	5	$31,800	
Gypsum Board	20%	0-2	$3,700	LIFE	* *	5	$13,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Toilet								
Plaster	20%			LIFE	* *	5-10	$18,200	
Site Enclosure								
Fence/Gates								
Chain Link	25%	Now	$1,800	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard								
Iron Picket	75%	Now	$2,900	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Along Hooper Street								
Free Standing Walls								
Cast in Place Concrete	75%	0-2	$3,500	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Masonry: Fieldstone	25%			2043	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Entry								
Explanation : This Is Actually Brownstone Cheek Walls At Entry Stair								
Retaining Walls								
Masonry: Brick	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$900	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Hooper Street								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$1,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Yard								

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DEPARTMENT OF EDUCATION - 040
EL PUENTE H.S. - BK
Asset # : 14423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Room C-005								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$800	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$31,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	2%			2038	* *	2		
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$4,300	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	100%			2038	* *	10	$100	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$21,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
EL PUENTE H.S. - BK
Asset # : 14423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$11,000	
Conversion Equipment								
Hot Water Boiler	100%			2031	$376,200	1	$17,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$5,700	2033	$283,500			
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Terminal Devices								
Convector/Radiator	100%			2031	$289,500	1	$11,400	
Controls								
Pneumatic	100%			2027	$684,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$42,000			
Window/Wall Unit	70%			2028	$93,900	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,300	
Exhaust Fans								
Roof	100%			2033	$68,700	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 80 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$1,100	4	$1,100	
Backflow Preventer								
Generic	100%			2038	* *	1	$2,200	
Fixtures								
Generic	100%							

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**ELIZABETH A. CONNELLY CAMPUS -SI**			
Address	:	**280 REGIS DRIVE @ GOETHALS RD. N.**			
Borough	:	**STATEN ISLAND**	**Agency's Number**	:	**R861**
Program / Asset #	:	**BOE1097.000 / 14448**	**Yr Built/Renovated**	:	**2009 /**
Area Sq Ft	:	**108,688**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**07-Aug-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1,2,4**			
Block	:	**1653** **Lot** : **1**	**BIN**	:	**5032481**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$245,200	$232,200
Interior Architecture		$236,100
Electrical	$89,700	
Mechanical	$268,900	
Total	**$603,800**	**$468,400**
Importance Code A	$245,200	$232,200
Importance Code B	$358,700	$183,800
Importance Code C		$52,300
Total	**$603,800**	**$468,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$12,800	$11,200
Interior Architecture	$62,000	$23,800		$12,900
Electrical	$15,400	$17,500	$14,100	$15,700
Mechanical	$45,100	$5,000	$49,000	$5,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$130,500**	**$54,200**	**$83,800**	**$52,700**
Importance Code A			$13,000	$11,200
Importance Code B	$130,500	$34,100	$70,700	$41,500
Importance Code C		$20,100		
Total	**$130,500**	**$54,200**	**$83,800**	**$52,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$95,600	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$12,800	
Metal Panel	20%			2051	* *	5-10	$187,800	
Window Wall	5%			2051	* *	5	$25,600	
Windows								
Aluminum	100%			2047	* *	5	$22,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$15,200	
Masonry: Brick	90%			LIFE	* *	5	$17,700	
Roof								
IRMA/Protected Membrane	100%	Now	$194,000	2036	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 40%								
Location : Main Roof								
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Main Roof By Rooftop Mechanical Equipment								
Soffits								
Metal Panel	100%			2051	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,200	
Ceramic Tile	5%			2040	* *	5	$7,400	
Quarry Tile	5%			2044	* *	5	$11,000	
Terrazzo	5%			LIFE	* *	5	$5,700	
Vinyl Tile	70%			2036	* *	3	$51,500	
Wood	5%			2059	* *	5	$13,800	
Interior Walls								
Ceramic Tile	30%			2040	* *	5	$40,200	
Gypsum Board	65%			LIFE	* *	5	$52,300	
Wood	5%			LIFE	* *	5	$26,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Wood Panels								
Ceilings								
AcousTileSusp.Lay-In	75%	Now	$36,700	2044	* *	5	$55,200	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : 4th Floor								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 4th Floor Corridor								
Gypsum Board	10%			LIFE	* *	5	$18,400	
Metal Panel	5%			LIFE	* *	5	$9,200	
Wood	10%			LIFE	* *	5	$128,700	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Located On West Side Of Building Property								
Explanation : This Is Actually A Metal Panel Screen For The Generator								
Iron Picket	95%			2066	* *			
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	85%			2040	* *			
Rubber Matting	15%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch.								
Fused Disc Sw	20%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 500 Kilovolt-ampere, One 150 Kilovolt-ampere, One 75 Kilovolt-ampere And One 45 Kilovolt-ampere 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	100%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2053	* *	5	$300	
Molded Case Bkrs	90%			2047	* *	5	$2,600	

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DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2057	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$33,400	
Generators								
Diesel	100%			2040	* *	1	$42,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 300 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,000	
Fuel Storage								
Main Tank	100%			2066	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Underground								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	80%			2036	* *	10	$79,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2036	* *	10	$5,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2036	* *	10	$5,000	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
HID	10%			2036	* *	10	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Lighting Fixtures In The Auditorium Are Metal Halide. They Are In Satisfactory Condition.								
Egress Lighting								
Emergency, Service	60%			2036	* *	1		
Exit, Service	40%			2036	* *	1		
Exterior Lighting								
HID	70%			2036	* *	10	$200	
No Component	30%							
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$12,200	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2039	* *	1-3	$48,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	50%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Feeds Rooftop Air Conditioning Units								
Natural Gas	50%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Feeds Rooftop Air Conditioning Units								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%	Now	$173,500	2036	* *	2	$5,100	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Rooftop Units Not Working With Building Controls System								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Rooftop Units 3, 4, 7 And 8								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Package Units 40 Tons Each Provides Heating And Cooling Through The Entire Building								
Split Unit	5%			2036	* *			
Distribution								
Ductwork/Diffusers	100%	Now	$95,500	LIFE	* *	2	$141,400	
Broken, Extent : Severe, Area Affected : 10%								
Location : Fan Powered Boxes In The Ceiling								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Building								
Explanation : Duct Provides Heating And Cooling								

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DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,600	
Exhaust Fans								
Roof	100%	Now	$42,200	2036	* *	2	$2,700	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Rooftop Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	* *	1	$6,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 2 Hydraulic Types								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$30,500	
Chemical System								
No Component	95%							
Generic	5%			2029	$4,100	1-3	$3,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **ELMHURST EDUCATIONAL CAMPUS**		
Address	: **45-10 94TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASE-Q744**
Program / Asset #	: **BOE1083.000 / 14429**	**Yr Built/Renovated**	: **2008 /**
Area Sq Ft	: **194,025**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1600** **Lot** : **61**	**BIN**	: **4437166**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,049,100	$3,307,800
Interior Architecture	$2,207,600	$8,048,900
Electrical		$669,500
Mechanical	$105,300	$5,654,100
Total	**$3,362,100**	**$17,680,300**
Importance Code A	$1,049,100	$3,307,800
Importance Code B	$2,117,400	$14,309,400
Importance Code C	$195,600	$63,100
Total	**$3,362,100**	**$17,680,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,000			
Interior Architecture	$43,600		$53,900	$23,600
Electrical	$48,800	$31,600	$32,700	$37,700
Mechanical	$88,800	$41,800	$49,400	$32,000
Site Enclosure	$22,700			
Site Pavements	$37,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$274,200**	**$81,300**	**$143,900**	**$101,200**
Importance Code A	$34,600	$9,600	$9,600	$9,600
Importance Code B	$164,500	$71,700	$94,900	$91,600
Importance Code C	$75,200		$39,400	
Total	**$274,200**	**$81,300**	**$143,900**	**$101,200**

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DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	97%			LIFE	* *	5	$828,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$16,700	
Windows								
Aluminum	100%	Now	$360,700	2041	* *	5	$37,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Rooms 234, 274 And 412								
Parapets								
Metal Panel	10%			2043	* *	5	$3,600	
Metal Rail	90%			2038	* *	5-10	$150,700	
Roof								
IRMA/Protected Membrane	100%	Now	$274,300	2033	$2,743,000			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 5%								
Location : Low Point Of Main Roof								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Main Roof Above 4th Floor Corridor								
Soffits								
Exposed Struc: Steel	100%			LIFE	* *	5	$33,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$127,100	
Ceramic Tile	10%			2036	* *	5	$29,000	
Poured Epoxy/Resin	10%	Now	$1,626,900	2033	$1,626,900			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Basement								
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Basement								
Sheet Vinyl/Rubber	5%			2033	$950,000	5	$21,800	
Vinyl Tile	65%	0-2	$104,300	2033	$5,214,700	3	$70,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement Outside Of Elevators								

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DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$79,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room And Electrical Switchgear Room								
Ceramic Tile	25%			2036	* *	5	$52,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$16,800	
Folding Partition	5%			2041	* *	5	$26,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Three Multipurpose Rooms								
Explanation : Location Noted								
Gypsum Board	50%			LIFE	* *	5-10	$178,700	
Mosaic Tile	5%			LIFE	* *	10	$6,600	
Ceilings								
AcousTileSusp.Lay-In	90%	4+	$217,300	2038	* *	5	$130,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 4th Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$18,200	
Gypsum Board	5%	4+	$12,700	LIFE	* *	5	$18,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	90%	Now	$20,200	2043	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Iron Picket	10%	Now	$2,400	2053	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Explanation : Inoperable Gate								
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$14,200	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Service Ramp								
Parking/Driveway								
Asphalt	100%	0-2	$23,300	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$800	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$400	
Molded Case Bkrs	90%			2049	* *	5	$4,600	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	75%			2046	* *	5	$1,000	
Locally Mounted	5%	Now	$9,100	2053	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Overhead Door Operator Failed								
Variable Frequency Drive	20%			2038	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$59,700	
Generators								
Diesel	100%			2042	* *	1	$75,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of The Building								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$7,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of The Building								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$151,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2038	* *	10	$17,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallways								
LED	5%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Health Clinic								
Explanation : LEDs Installed								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	8%			2038	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Timer								
LED	2%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Canopy								
Explanation : LEDs Observed								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Lightning Rods								
Alarm								
Security System								
Generic	100%			2038	* *	1	$72,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Perimeter Of The Building								
Explanation : Surveillance Cameras								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$10,000	2033	$500,500	1-3	$108,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	80%			2038	* *	1	$76,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 9 Rooftop Package Units								
Hot Water Boiler	20%			2046	* *	1	$19,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 5 Boilers Piped In Series								
Distribution								
Hot Wtr Piping/Pump	20%			2049	* *	4	$2,900	
No Component	80%							
Terminal Devices								
Fan Coil Unit/Heat	20%	0-2	$48,100	2038	* *	1	$11,300	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Motors, Various Locations								
No Component	80%							
Controls								
Digital	100%			2031	$5,572,500			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : No Local Controls, Runs On Manual								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	40%	0-2	$57,200	2038	* *	1	$32,400	
Other Observation, Extent : N/A, Area Affected : 100% Location : Outside Enclosure Explanation : Multiple Chillers Piped In Series. R-407c.								
Ext Pkg Unit - Heating/Cooling	40%			2038	* *	2	$4,800	
Other Observation, Extent : N/A, Area Affected : 100% Location : Roof Explanation : 9 Package Units Using Refrigerant R-407c								
Split Unit	20%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2053	* *	4	$7,200	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$171,300	
Exhaust Fans								
Roof	100%			2038	* *	2	$5,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$7,700	
Other Observation, Extent : N/A, Area Affected : 100% Location : Basement Explanation : 2 Duplex Units								
Backflow Preventer								
Generic	100%			2038	* *	1	$11,900	
Other Observation, Extent : N/A, Area Affected : 100% Location : Water Meter Room Explanation : Fire And Domestic								
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100% Location : Basement Explanation : 250 Gallons								
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Units From Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$54,300	
Fire Pump								
Generic	100%			2042	* *	1	$36,200	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 100 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **ERASMUS HALL EDUCATIONAL CAMPUS - BK**		
Address	: **911 FLATBUSH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K465**
Program / Asset #	: **BOE0634.000 / 141**	**Yr Built/Renovated**	: **1905 / 1999**
Area Sq Ft	: **384,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jun-2020**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **5103** **Lot** : **10**	**BIN**	: **3336215**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,924,900	$3,170,100
Interior Architecture	$2,408,000	$14,115,000
Electrical	$7,125,600	$1,022,300
Mechanical	$2,968,300	$9,715,100
Site Pavements	$55,900	
Total	**$14,482,700**	**$28,022,500**
Importance Code A	$1,924,900	$3,170,100
Importance Code B	$12,059,400	$24,676,000
Importance Code C	$498,300	$176,300
Total	**$14,482,700**	**$28,022,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$41,200		$70,300	$11,100
Interior Architecture	$70,100		$19,700	$44,700
Electrical	$45,800	$55,400	$115,700	$61,100
Mechanical	$157,400	$91,500	$135,400	$91,500
Site Enclosure	$3,500			
Site Pavements	$18,600			
Elevators/Escalators	$34,500	$34,500	$34,500	$34,500
Total	**$371,300**	**$181,400**	**$375,700**	**$242,900**
Importance Code A	$79,300	$38,000	$109,200	$49,100
Importance Code B	$232,300	$143,300	$266,500	$193,800
Importance Code C	$59,700			
Total	**$371,300**	**$181,400**	**$375,700**	**$242,900**

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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$161,000	
Masonry: Brick	70%	Now	$1,301,200	LIFE	* *	5	$288,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Lintels At North And East Facade								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$15,500	
Masonry: Limestone	10%	Now	$266,700	LIFE	* *	5	$30,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : East And West Facades								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : East And West Facades								
Metal Panel	5%			2041	* *	5-10	$141,700	
Stucco Cement	5%			2036	* *	5	$51,500	
Windows								
Aluminum	14%	Now	$55,000	2039	* *	5	$10,500	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Light, Area Affected : 2%								
Location : 3rd Floor Gymnasium And Other Areas Throughout								
Aluminum	71%			2039	* *	5	$106,900	
Steel	12%			2039	* *	5	$225,900	
Wood	3%	Now	$14,400	2039	* *	5	$22,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Broken Stain Glass Pane. Right Of Stage								
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Damaged Woof Frames On Exterior								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Stain Glass Metal Windows On Wood Frames								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$47,300	
Masonry: Brick	80%	Now	$135,600	LIFE	* *	5	$48,900	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2051	* *	5	$11,800	
Stucco Cement	5%	0-2	$4,100	2036	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	65%			2031	$2,182,200	10	$170,700	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Copper/Terne	15%	Now	$22,700	2046	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair K Bulkhead								
Modified Bitumen	5%			2039	* *	10	$13,100	
Recent Replace Evident, Extent : N/A, Area Affected : 70%								
Location : Penthouses								
Skylight, Metal/Glass	10%			2041	* *	10	$87,500	
Slate	5%			LIFE	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Ceramic Tile	100%			2057	* *	10	$11,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : East And West Porticos								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East And West Porticos								
Explanation : Guastavino Tiles								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$80,500	
Ceramic Tile	5%	0-2	$32,500	2034	* *	5	$13,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout.								
Marble Panels	3%	0-2	$75,800	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairs From 1st Floor To Basement								
Poured Epoxy/Resin	2%			2026	$645,300			
Quarry Tile	5%			2036	* *	5	$39,400	
Vinyl Tile	68%	Now	$216,400	2031	$10,818,300	3	$134,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout.								
Wood	10%	Now	$687,000	2046	* *	5	$49,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Multipurpose Room And Auditorium								

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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	7%	2-4	$37,700	2034	* *	5	$15,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	3%	0-2	$55,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Mechanical Rooms								
Marble Panels	5%			LIFE	* *			
Plaster	65%	Now	$386,600	LIFE	* *	5	$87,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Room 1w9f, And Other Minor Areas Throughout Building								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Wood	5%			LIFE	* *	5	$89,300	
Ceilings								
AcousTileSusp.Lay-In	30%			2029	$2,793,800	5	$153,400	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Other Areas Throughout								
Exposed Struc: Concrete	5%	0-2	$83,900	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Mechanical Rooms								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$32,000	
Metal Panel	2%			LIFE	* *	5	$12,800	
Plaster	53%	Now	$180,600	LIFE	* *	5	$169,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium 325 And 125 And Other Areas Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East And West Entry To Courtyard								
Explanation : Main Gates								
Free Standing Walls								
Masonry: Brick	100%	0-2	$3,500	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Adjacent To Containers								

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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	40%			2051	* *			
Cast in Place Concrete	30%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Southeast Corner Of Courtyard								
Explanation : Covered With Limestone Panels								
Masonry: Brick	30%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$55,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Adjacent To Flag Pole And Perimeter Of Courtyard								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Adjacent To Flag Pole								
Parking/Driveway								
Asphalt	50%	0-2	$18,600	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot								
Cast in Place Concrete	20%			2036	* *			
Cast in Place Concrete	30%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East And West Entries								
Explanation : Stamped Concrete								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Rooms B W 10k And B N3								
Explanation : Two Main Disconnect Switches Rated At 2,500 Amperes, Two Rated At 1,200 Amperes, One Rated At 2,000 Amperes And One Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$1,600	
Raceway								
Conduit	60%			2051	* *	1		
Conduit	10%			2031	$73,800	1		
Conduit	30%			2041	* *	1		
Panelboards								
Fused Disc Sw	15%			2039	* *	5	$1,300	
Molded Case Bkrs	85%			2039	* *	5	$8,600	

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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	30%			2051	* *	1		
Thermoplastic	30%			2041	* *	1		
Thermoplastic	40%			2031	$393,600	1		
Motor Controllers								
Locally Mounted	80%			2029	$317,900	5	$2,100	
Locally Mounted	20%			2044	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$118,100	
Generators								
Diesel	100%			2034	* *	1	$148,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Generator Enclosure								
Explanation : 300 Kilowatt Capacity								
Batteries								
Nickel Cadmium	100%			2026	$2,700	5	$85,600	
Fuel Storage								
Day Tank	20%			2039	* *	5		
Main Tank	80%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Room B N1								
Explanation : 525 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	85%			2026	$5,328,900	10	$299,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2026	$116,500	2	$100	
LED	14%			2036	* *			
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Battery	50%			2036	* *	10	$13,000	
Exterior Lighting								
HID	20%			2026	$392,500	10	$200	
Incandescent	40%			2026	$901,500	2	$200	
LED	40%			2036	* *			
Lightning Protection								
Arresters/Cabling								
Generic	100%			2034	* *	5	$2,800	
Alarm								

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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	20%							
Generic	30%			2031	$236,800	1	$43,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System Is Not In Use								
Generic	50%			2039	* *	1	$71,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Fire/Smoke Detection								
No Component	20%							
Generic, Digital	80%	Now	$86,800	2036	* *	1-3	$172,100	
Devices Damaged, Extent : Light, Area Affected : 100%								
Location : Sprinkler Flow Switch For Fire Pump Is Not Operational In Boiler Room. Duct Smoke Detector Is Not Operational In Penthouse Fan Room								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$380,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$236,500	2041	* *	4	$18,900	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2031	$1,582,900	1	$47,500	
Convector/Radiator	60%			2029	$2,063,400	1	$74,400	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Room 2w7								
Fan Coil Unit/Heat	5%	Now	$10,400	2026	$521,400	1	$5,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Room Bw38								
Fan Coil Unit/Heat	15%			2026	$1,564,100	1	$18,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2031	$461,100	2	$2,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	60%			2029	$955,900	1		
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Locations Throughout								
Explanation : Additional 20 Units Installed In 2019								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$214,100	
Exhaust Fans								
Interior	75%			2031	$1,398,900	2	$8,800	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Roof	25%	0-2	$20,400	2026	$204,000	2	$2,400	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%	4+	$86,400	2041	* *	1		
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Boiler Room (2 Of 3 Water Booster Pumps)								
Galvanized Steel	20%			2029	$1,073,800	1		
Water Heater With Tanks								
Gas Fired	50%	Now	$200	2026	$9,400	2		
Damaged, Extent : Severe, Area Affected : 5%								
Location : Expansion Tank								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Circulating Pump								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : 1 Unit								
Gas Fired	50%			2030	$9,400	2		
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	Now	$40,700	2031	$2,033,600	4	$38,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement - Domestic Water Heat Exchanger (Flange / Tube Bundle)								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room; Basement								
Explanation : 1 Unit - Pool Steam To Hot Water Heat Exchanger; 2 Units - Domestic Steam To Hot Water Heat Exchangers								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$84,200	2041	* *	4	$8,100	
Not in Service, Extent : Severe, Area Affected : 25%								
Location : Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Pool Filter/Treatment								
Sand	100%			2036	* *	4	$3,000	
Sewage Ejector(s)								
Electric	100%	0-2	$132,100	2041	* *	4	$15,300	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement Sewage Ejector Room								
Explanation : The Tank Is Corroded								
Backflow Preventer								
Generic	100%			2036	* *	1	$23,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : 4 Water Mains, 1 Of 4 Installed In 2019								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	40%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Hydraulic	60%			LIFE	* *			
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 60%								
Location : 1 Unit From Basement To 4th Floor, 4 Units From Basement To 1st Floor								
Explanation : 5 Units								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$193,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2041	* *	1-2	$107,600	
Fire Pump								
Generic	90%			2034	* *	1	$64,500	
Generic	10%	Now	$4,000	2034	* *	1	$6,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement - Jockey Pump								
Chemical System								
Generic	100%			2026	$89,400	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK**
Address : **911 FLATBUSH AVENUE**
Borough : **BROOKLYN**
Agency's Number : **K465**
Program / Asset # : **BOE0634.010 / 14343**
Yr Built/Renovated : **1786 /**
Area Sq Ft : **8,000**
Project Type : **EDUCATION**
Date of Survey : **30-Mar-2020**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Floors 1,Att**
Block : **5103** **Lot** : **1**
BIN : **3336215**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$103,300	
Electrical	$186,900	
Mechanical		$56,300
Total	**$290,200**	**$56,300**
Importance Code B	$290,200	$56,300
Total	**$290,200**	**$56,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,500		$9,400	
Interior Architecture	$53,300			
Electrical	$900	$800	$17,800	$900
Mechanical	$30,100	$300	$400	$300
Total	**$129,700**	**$1,200**	**$27,600**	**$1,200**
Importance Code A	$45,500		$9,400	
Importance Code B	$60,500	$1,200	$18,200	$1,200
Importance Code C	$23,800			
Total	**$129,700**	**$1,200**	**$27,600**	**$1,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK

Asset # : 14343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Iron	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side								
Explanation : Fire Escape								
Masonry: Brick	3%			LIFE	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Chimney								
Masonry: Granite	10%			LIFE	* *	5	$1,600	
Wood	84%			2044	* *	5	$90,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 2018 Exterior Renovation								
Windows								
Wood	100%			2053	* *	5	$23,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Windows								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Windows								
Explanation : Vinyl Clad Wood								
Parapets								
Wood Cornice	100%			2061	* *	5-10	$16,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : All Sides								
Roof								
Metal Panel	10%			2036	* *	10	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Porch And Basement Stair Enclosures								
Explanation : Standing Seam								
Synthetic Slate/Cedar	90%			2044	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Synthetic Slate								
Soffits								
Wood	100%			2036	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK
Asset # : 14343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$2,100	
Ceramic Tile	2%			2034	* *	5	$200	
Panel/Paver: Cer/Brk	3%			2039	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Around Columns								
Explanation : Staining From Roof Leak Around Columns, Roof Has Been Repaired								
Vinyl Tile 9" X 9"	1%	Now	$900	2041	* *	3		
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Attic Ladder Room								
Wood	84%	Now	$103,300	2059	* *	5	$7,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 5%								
Location : Various Locations								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Old Leaks From Roof								
Interior Walls								
Ceramic Tile	5%	Now	$4,000	2040	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathroom Window Sill								
Concrete Masonry Unit	5%			LIFE	* *	5	$300	
Masonry: Brick	10%	4+	$5,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Attic Chimneys								
Plaster	80%	Now	$14,200	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Around Various Windows								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Around Ceiling Leaks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK
Asset # : 14343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Wood	10%			LIFE	* *			
Plaster	90%	Now	$28,200	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Shares Walkways With Other Buildings								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2031	$17,700	1		
Panelboards								
Fused Knife Sw	50%			2030	$16,400	5	$100	
Molded Case Bkrs	50%			2030	$16,400	5	$100	
Wiring								
Braided Cloth	30%			2030	$7,000	1		
Thermoplastic	70%			2031	$16,400	1		
Lighting								
Interior Lighting								
Fluorescent	2%			2036	* *	10	$100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Stairwell								
Incandescent	98%			2026	$186,900	2	$100	
Egress Lighting								
Exit, Battery	100%			2036	* *	10	$400	
Exterior Lighting								
Incandescent	2%			2031	$900	2		
No Component	98%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK

Asset # : 14343

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2026	$16,400	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Not In Use / Abandoned In Place								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Strobes And Smoke Detectors. Connected To Main System In High School.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Plant Campus Steam / PRV	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Adjacent School Building								
Distribution								
Steam Piping/Pump	100%	0-2	$11,000	2041	* *			
Corroded, Extent : Severe, Area Affected : 100%								
Location : Main Steam Line In Basement								
Terminal Devices								
Convector/Radiator	100%			2029	$56,300	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$8,800	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Heater With Tanks								
Electric	100%	Now	$500	2031	$25,900	4		
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Toilets								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK

Asset # : 14343

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%	Now	$9,500	2041	* *	1-2	$1,500	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **EVANDER CHILDS ATHLETIC CAMPUS FIELDHOUSE AND STORAGE SHED NW**
Address : **774 E. GUN HILL ROAD**
Borough : **BRONX**
Agency's Number : **X426**
Program / Asset # : **BOE0324.010 / 15097**
Yr Built/Renovated : **1929 /**
Area Sq Ft : **2,542**
Project Type : **EDUCATION**
Date of Survey : **01-May-2020**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **4632** **Lot** : **50** **BIN** : **2057040**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$326,000	
Total	**$326,000**	
Importance Code A	$326,000	
Total	**$326,000**	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$83,400			
Interior Architecture	$73,100			
Electrical			$35,300	
Mechanical	$3,200	$400	$400	$700
Total	**$159,700**	**$400**	**$35,700**	**$700**
Importance Code A	$83,600	$300	$300	$300
Importance Code B	$58,500	$100	$35,400	$500
Importance Code C	$17,700			
Total	**$159,700**	**$400**	**$35,700**	**$700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

EVANDER CHILDS ATHLETIC CAMPUS FIELDHOUSE AND STORAGE SHED NW

Asset # : 15097

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$199,200	LIFE	* *	5	$12,100	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : All Facades								
Painted Surfaces, Extent : Severe, Area Affected : 100%								
Location : All Facades								
Masonry: Granite	5%	Now	$26,500	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$52,900	LIFE	* *	5	$500	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout, Window Surrounds								
Windows								
Wood	100%	Now	$29,900	2056	* *	5	$6,200	1
Air Infiltration, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$22,200	LIFE	* *	5	$1,800	
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$4,800	LIFE	* *	5	$200	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$73,900	2041	* *			1
Air/Water Blisters, Extent : Severe, Area Affected : 10%								
Location : Roof								
Debris on Roof, Extent : Severe, Area Affected : 10%								
Location : Throughout Roof								
Gravel/Slag Surface, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$3,200	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	50%	Now	$5,400	2034	* *	5	$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

EVANDER CHILDS ATHLETIC CAMPUS FIELDHOUSE AND STORAGE SHED NW

Asset # : 15097

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$1,500	
Plaster	50%	Now	$17,700	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Struc: Wood	10%			LIFE	* *			
Plaster	90%	Now	$46,800	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	50%			2034	* *			
Cast in Place Concrete	50%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2041	* *	5	$100	
Panelboards								
Molded Case Bkrs	100%			2039	* *	5	$100	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

EVANDER CHILDS ATHLETIC CAMPUS FIELDHOUSE AND STORAGE SHED NW

Asset # : 15097

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	50%			2031	$18,900	10	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Locker Rooms								
Explanation : T-8 Lamps								
Incandescent	50%			2026	$35,200	2		
Exterior Lighting								
HID	30%			2031	$3,600	10		
No Component	70%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2057	* *	5	$800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : The Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2031	$20,400			
Terminal Devices								
Convector/Radiator	100%			2029	$20,800	1	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$300	
No Component	80%							
Exhaust Fans								
Interior	20%	2-4	$2,300	2041	* *	2		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Locker Room								
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

EVANDER CHILDS ATHLETIC CAMPUS FIELDHOUSE AND STORAGE SHED NW

Asset # : 15097

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	0-2	$600	2031	$12,300	4	$300	
Corroded, Extent : Moderate, Area Affected : 70%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	* *	1	$200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **EVANDER CHILDS HIGH SCHOOL - BX**
Address : **800 E. GUN HILL ROAD BTWN: BARNES AVE - BRONXWOOD AVE**
Borough : **BRONX**
Agency's Number : **X425**
Program / Asset # : **BOE0324.000 / 354**
Yr Built/Renovated : **1930 / 2011**
Area Sq Ft : **354,865**
Project Type : **EDUCATION**
Date of Survey : **07-Nov-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **4633** **Lot** : **40** **BIN** : **2057045**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$7,222,200	$787,900
Interior Architecture	$5,348,000	$4,459,200
Electrical	$1,751,200	$1,738,500
Mechanical	$2,533,800	$9,648,500
Site Pavements	$151,000	
Total	**$17,006,200**	**$16,634,100**
Importance Code A	$7,222,200	$3,971,400
Importance Code B	$7,653,500	$12,420,900
Importance Code C	$2,130,500	$241,800
Total	**$17,006,200**	**$16,634,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$106,700		$43,900	
Interior Architecture	$74,000			$18,600
Electrical	$22,200	$11,600	$10,000	$10,200
Mechanical	$239,800	$54,600	$96,900	$57,800
Site Enclosure	$37,600			
Site Pavements	$7,800			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$498,000**	**$76,000**	**$160,700**	**$96,500**
Importance Code A	$141,900	$35,100	$79,700	$35,200
Importance Code B	$323,600	$40,900	$81,000	$61,300
Importance Code C	$32,500			
Total	**$498,000**	**$76,000**	**$160,700**	**$96,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	$188,900	LIFE	* *	5	$148,400	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout Horizontal Exterior Band And Window Sills At Exterior And Courtyard								
Masonry: Brick	84%			LIFE	* *	5	$319,100	
Masonry: Limestone	5%	4+	$149,600	LIFE	* *	5	$14,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Vertical Columns At Fourth And Fifth Levels All Facades								
Metal Sect. OHD	5%			2036	* *	5	$59,400	
Granite Panels	1%	Now	$23,400	LIFE	* *	5	$2,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Trim At Entry								
Windows								
Aluminum	90%	Now	$6,412,000	2056	* *	5	$67,300	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glass Block	3%	Now	$48,700	LIFE	* *	5	$2,800	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Pool Rooms								
Weather Strip Missing, Extent : Moderate, Area Affected : 5%								
Location : Pool Rooms								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Pool Rooms								
Explanation : Rusted Lintels Visible From Interior								
Metal Louvers	2%			2034	* *	10	$18,700	
Steel	5%	Now	$112,400	2039	* *	5	$46,700	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Auditorium And Solariums								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Solariums								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Solarium Areas								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$11,300	
Cast Stone/Terra Cotta	5%	Now	$159,100	LIFE	* *	5	$11,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : East And West Buildings And Solarium Copings Membrane								
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : East And West Building Parapets And Solarium Copings								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Coping								
Explanation : Covered With Roofing Membrane								
Copper/Terne	3%			2066	* *	5	$4,200	
Masonry: Brick	75%	Now	$55,400	LIFE	* *	5	$21,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : East Building Roof And Solarium Deck Roofs								
Metal Rail	5%			2044	* *	5-10	$26,400	
No Component	7%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Main Building Front Facade								
Explanation : No Parapet								
Roof								
Built-Up (BUR)	60%			2036	* *	10	$144,900	
Copper/Terne	30%			2059	* *	10	$181,100	
IRMA/Protected Membrane	5%			2036	* *	10	$12,100	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Roof At Solarium Decks								
Skylight, Metal/Glass	2%			2041	* *	10	$16,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium Roof And Main Roof								
Explanation : Auditorium And Main Building								
Skylight, Plastic	3%			2044	* *	1		
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$72,000	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Underpass To Courtyard								
Interior								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
Cast in Place Concrete	20%			LIFE	* *		5	$232,400	
Paint Peeling, Extent : Light, Area Affected : 2%									
Location : Throughout Boiler Room									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout Corridors And Basement									
Explanation : Epoxy Coated Floors									
Ceramic Tile	5%	Now	$74,900	2034	* *		5	$13,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Kitchen									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement Pool Area And Bathrooms									
Explanation : Student Bathrooms And Open Pool Flooring									
Mosaic Tile	5%	2-4	$124,600	2036	* *		5	$33,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%									
Location : Closed Pool									
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%									
Location : Closed Pool And Staff Bathrooms									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Pool And Staff Bathrooms									
Explanation : Closed Pool And Staff Bathrooms									
Quarry Tile	5%	Now	$781,600	2051	* *		5	$19,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%									
Location : Kitchen Floor									
Cracking/Crumbling, Extent : Severe, Area Affected : 5%									
Location : Kitchen Floor									
Worn/Eroded, Extent : Severe, Area Affected : 100%									
Location : Kitchen Floor And Solariums									
Sheet Vinyl/Rubber	2%	Now	$347,500	2041	* *		5	$8,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%									
Location : Upper Level Gymnasium Track									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Upper Level Gymnasium Track									
Terrazzo	5%	Now	$49,700	LIFE	* *		5	$20,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%									
Location : Exit Steps At Ground Level And Main Entry Steps At Riser									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Entrance And Exits									
Explanation : Terrazzo At Lobby Entrance With Marble Steps And Marble Steps At Ground Floor Exits									
Vinyl Tile	25%	Now	$73,400	2031		$3,668,300	3	$49,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%									
Location : Classrooms And Corridors									
Uneven Substrate, Extent : Moderate, Area Affected : 10%									
Location : Classrooms And Corridors									

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Vinyl Tile 9" X 9"	3%	Now	$140,600	2041	* *	3	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Kitchen Office								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Kitchen Office								
Wood	30%			2046	* *	5	$298,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms, Gymnasiums, Auditorium Stage, Room 134A								
Explanation : Some Classrooms Throughout								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$276,000	2034	* *	5	$50,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Columns In Boys Pool								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Columns In Boys Pool								
Ceramic Tile	10%	Now	$110,400	2034	* *	5	$50,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Student Bathrooms And Kitchen								
Explanation : Student Bathrooms And Kitchen Area								
Glass: Single Pane	2%			LIFE	* *	5	$15,100	
Gypsum Board	5%			LIFE	* *	5	$30,100	
Masonry: Brick	11%	Now	$420,400	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Basement Mechanical Rooms								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 5%								
Location : Basement Mechanical Rooms At Exterior Wall								
Metal: Cage/Fence	5%			LIFE	* *			
Marble Panels	5%	Now	$442,600	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Main Entry, Lobby And Exit At Ground Floor								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Main Entry, Lobby And Exit At Ground Floor								
Plaster	47%	Now	$573,700	LIFE	* *	5	$141,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Window, Stairwells Throughout And Basement								
Deteriorated Finish, Extent : Severe, Area Affected : 5%								
Location : Kitchen Window And Lintels At Stair N								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Stairwells Throughout								
SGFT/Glazed Masonry	5%	Now	$225,500	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Columns At Open Pool								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 5%								
Location : Columns At Open Pool								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pools And Staff Bathrooms								
Explanation : Glazed Masonry Tile								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	2-4	$470,200	2051	* *	5	$24,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
AcousTileSusp.Lay-In	10%			2044	* *	5	$48,700	
Exposed Struc: Concrete	20%	Now	$729,800	LIFE	* *	5	$15,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Below Boys Pool Deck								
Exposed Reinforcement, Extent : Severe, Area Affected : 30%								
Location : Below Boys Pool Deck And Attic Rooms								
Paint Peeling, Extent : Severe, Area Affected : 15%								
Location : Closed Pool								
Metal Panel	5%			LIFE	* *	5	$30,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fourth Floor								
Explanation : Kitchen Ceiling								
Plaster	55%	Now	$407,400	LIFE	* *	5	$167,400	
Paint Peeling, Extent : Severe, Area Affected : 25%								
Location : Stairwells Throughout								
Site Enclosure								
Fence/Gates								
Aluminum Rail	10%			2044	* *	5-10	$11,600	
Chain Link	40%	Now	$7,500	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Swing Gates								
Iron Picket	50%	4+	$10,200	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : West Perimeter Fence								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$12,900	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout Walls At Parking, Interior Courtyard And At Steps								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$69,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Northwest Corner And North Perimeter								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	60%	Now	$4,200	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Courtyard								
Cast in Place Concrete	35%	2-4	$1,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Step Landings At Parking Area								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Step Landings And At Door Exits								
Explanation : Concrete								
Masonry: Granite	5%	0-2	$2,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entrance Steps								
Parking/Driveway								
Asphalt	100%	Now	$81,800	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout Parking Areas								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout Parking Areas								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2031	$51,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Fused Disc Sw	38%			2031	$39,100	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Fused Disc Sw	7%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes Serving The Emergency Lights.								
Fused Disc Sw	5%			2057	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes Serving The Solar Panels. The Solar Panel System Have Five Inverters (Power Conditioning Units) In The Roof .								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2044	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 112.5 Kilovolt-amperes, 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	37%			2031	$240,600	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Fused Disc Sw	28%			2031	$182,100	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Four Vertical Sections								
Fused Disc Sw	28%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Fused Disc Sw	7%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Raceway								
Conduit	80%			2031	$539,400	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	9%			2030	$57,500	5	$700	
Fused Disc Sw	5%			2047	* *	5	$400	
Fused Knife Sw	1%	0-2	$6,400	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	70%			2030	$447,100	5	$6,500	
Molded Case Bkrs	15%			2047	* *	5	$1,400	
Wiring								
Braided Cloth	80%	2-4	$718,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$181,400	5	$1,200	
Locally Mounted	30%	2-4	$65,300	2051	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	20%			2036	* *	5	$500	
Ground								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,200	
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$305,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%	Now	$10,600	2041	* *			
Damaged Fixtures, Extent : Severe, Area Affected : 100%								
Location : Cafeteria								
Fluorescent	2%			2036	* *	10	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Library, Fan Rooms								
Explanation : Compact Fluorescent Lights								
Incandescent	1%			2026	$98,300	2	$100	
LED	2%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby, Auditorium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%	Now	$297,800	2041	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Exit, Service	25%			2031	$38,300	1		
Exit, Battery	25%	2-4	$75,400	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st, 2nd And 3rd Floor Corridors.								
Explanation : Some Of The Exit Lights Are Old And Beyond Their Useful Life.								
Exterior Lighting								
HID	30%			2036	* *	10	$300	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$39,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Staircase, Outside Perimeter, Roof								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$183,100	2041	* *	1-3	$39,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Current System Is Obsolete. The New Fire Alarm System Is Not Yet In Service. The Old Fire Alarm System Is Still Functional. Alarm Bells And Manual Pull Stations.								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$825,200	5	$109,900	
Conversion Equipment								
Steam Boiler	100%			2029	$3,093,100	1	$351,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 4 Units. 2 Of Them Are On Extended Life Time. 2 Of Them Are Abandoned Units.								
Distribution								
Steam Piping/Pump	10%	0-2	$113,700	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pumps, Sub-basement								
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : Thermostats, Various Locations.								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Steam Piping/Pump	90%			2041	* *			
Terminal Devices								
Air Handler	3%	0-2	$20,000	2031	$200,300	1	$5,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : The Unit For Auditorium, Basement.								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor								
Explanation : There Is No Heat For 4th Floor Side Cafeteria, Due To Lack Of Gas To Feed Its Furnaces On The Roof .								
Air Handler	27%			2031	$1,803,100	1	$59,300	
Convector/Radiator	60%	0-2	$34,800	2036	* *	1	$61,900	
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Various Locations On All Floors.								
Explanation : The Covers Are Either Damaged Or Missing.								
Fan Coil Unit/Heat	3%	0-2	$13,200	2031	$264,000	1	$3,100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Some Classrooms.								
Fan Coil Unit/Heat	7%			2031	$615,900	1	$8,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%			2031	$194,500	2	$1,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit For Medical Office, Roof								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units For Dance Studio, Main Distribution Frame Room And Elevator Room, R-410a Refrigerant.								
Window/Wall Unit	65%	0-2	$43,700	2026	$873,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2036	* *	1	$11,500	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2036	* *	2	$24,700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	98%			LIFE	* *	2-5	$193,900	
Ductwork/Diffusers	2%	0-2	$6,200	LIFE	* *	2-5	$4,000	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Exhaust Fans								
Interior	56%			2026	$881,400	2	$6,100	
Interior	4%	0-2	$6,300	2026	$63,000	2	$300	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : 5th Floor Fan Room								
Roof	40%			2026	$275,400	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2041	* *	1		
Galvanized Steel	20%	0-2	$18,100	2029	$906,100	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Pool Filter Room, Sub-basement								
Galvanized Steel	20%			2029	$906,100	1		
HW Heat Exchanger								
Steam Fired	100%	Now	$85,800	2061	* *	4	$35,100	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Sub-basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 2 Units. Mechanical Room In Sub-basement								

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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	50%	0-2	$44,700	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Pool Drainage Piping In Pool Equipment Room								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : 2 Compartment Sink In Kitchen								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Kitchen								
Explanation : No Indirect Waste At 2 Compartment Sink								
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$71,000	4	$7,500	
Pool Filter/Treatment								
Activated Carbon	100%			2029	$222,500	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool Equipment Room, Sub-basement								
Explanation : 5 Units								
Sewage Ejector(s)								
Electric	100%			2026	$185,800	4	$14,100	
Backflow Preventer								
Generic	100%			2031	$158,500	1	$21,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Water Sinks, All The Bathrooms								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Passenger: Basement To 4th Floor. Freight: Basement To Ground								
Explanation : 2 Passenger Elevators, Mechanical And Electrical Problem Occur Frequently. 1 Sidewalk Freight Lift								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$245,400	1-2	$5,000	
Chemical System								
No Component	99%							
Generic	1%			2026	$1,600	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Sets								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **FAR ROCKAWAY HIGH SCHOOL - Q**		
Address	: **821 BAY 25TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q465**
Program / Asset #	: **BOE0882.000 / 1474**	**Yr Built/Renovated**	: **1929 / 1997**
Area Sq Ft	: **227,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **15736** **Lot** : **1**	**BIN**	: **4300730**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$261,700
Interior Architecture	$10,349,300	$994,400
Electrical	$783,900	$1,645,500
Mechanical	$2,441,600	$5,517,200
Site Enclosure	$236,800	
Site Pavements	$673,100	
Total	**$14,484,800**	**$8,418,800**
Importance Code A		$364,500
Importance Code B	$13,942,800	$7,477,600
Importance Code C	$542,000	$576,800
Total	**$14,484,800**	**$8,418,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,600		$36,300	$3,800
Interior Architecture	$59,200		$4,100	$6,100
Electrical	$31,400	$37,200	$7,800	$7,300
Mechanical	$36,400	$176,400	$54,600	$34,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$144,500**	**$217,600**	**$106,700**	**$55,500**
Importance Code A	$36,100	$23,000	$58,800	$26,300
Importance Code B	$79,600	$194,600	$47,900	$29,200
Importance Code C	$28,800			
Total	**$144,500**	**$217,600**	**$106,700**	**$55,500**

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	83%			LIFE	* *	5	$105,700	
Repairs in Progress, Extent : N/A, Area Affected : 78%								
Location : All Facades								
Masonry: Limestone	10%			LIFE	* *	5	$9,500	
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : All Facades								
Metal Panel	5%			2056	* *	5-10	$43,800	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Auditorium Bulkhead								
Explanation : Copper Panels								
Metal Coiling Doors	2%			2043	* *	5	$8,000	
Windows								
Aluminum	5%	4+	$13,600	2046	* *	5	$500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Aluminum	47%			2046	* *	5	$8,900	
Aluminum	40%			2052	* *	5	$7,600	
Repairs in Progress, Extent : N/A, Area Affected : 40%								
Location : 1948 Building								
Glass Block	5%			LIFE	* *	5	$600	
Metal Louvers	3%			2039	* *	10	$3,600	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$18,800	
Recent Construction, Extent : N/A, Area Affected : 90%								
Location : Parapet Walls								
Pre-Cast Concrete	10%			LIFE	* *	5	$13,100	
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Parapet Wall Coping Stones								
Roof								
Copper/Terne	5%			2070	* *	10	$20,500	
Recent Replace Evident, Extent : N/A, Area Affected : 5%								
Location : Flashing Over Cornice								
Modified Bitumen	95%			2040	* *	10	$156,100	
Recent Installation, Extent : N/A, Area Affected : 95%								
Location : All Roofs								
Interior								

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$177,400	
Mosaic Tile	5%	0-2	$76,100	2043	* *	5	$20,300	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Quarry Tile	5%			2043	* *	5	$24,300	
Terrazzo	5%	0-2	$30,300	LIFE	* *	5	$12,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Entry Area, Ist Floor Corridors								
Vinyl Tile	10%			2038	* *	3	$12,200	
Vinyl Tile 9" X 9"	15%	Now	$171,700	2025	$8,587,500	3	$18,200	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 117, 122, 137, 138, 140, 135, 153, 109, 112, 111, 237, 240								
Wood	35%	0-2	$677,100	2045	* *	5	$106,400	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Classrooms								
Interior Walls								
Ceramic Tile	5%	Now	$28,800	2033	$576,800	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms								
Concrete Masonry Unit	20%	2-4	$78,800	LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%	Now	$140,300	LIFE	* *	5	$34,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Hallways, Classrooms, Staircases								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Staircase								
Ceilings								
AcousTile,Adhered	45%	Now	$469,800	2035	* *	5	$73,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Corridors								
Exposed Struc: Concrete	20%			LIFE	* *	5	$10,100	
Metal Panel	5%			LIFE	* *	5	$20,300	
Plaster	30%	0-2	$148,000	LIFE	* *	5	$60,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2050	* *			
Chain Link	55%	Now	$236,800	2060	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Iron Picket	5%			2065	* *			

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$528,000	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Basy 25 Street, Ocean Crest Boulevard, Hartman Lane								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$86,000	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Courtyard, Walkways								
Activity Yard								
Asphalt	100%	Now	$59,000	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Tennis Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$102,800	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches With No Available Nameplate Rating Capacity.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$650,200	5	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Six Vertical Sections								
Raceway								
Conduit	30%			2050	* *	1		
Conduit	70%			2030	$472,000	1		
Panelboards								
Fused Disc Sw	5%			2029	$31,900	5	$300	
Fused Disc Sw	5%			2046	* *	5	$300	
Fused Knife Sw	2%	0-2	$12,800	2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Molded Case Bkrs	30%			2052	* *	5	$1,800	
Molded Case Bkrs	58%			2029	$370,400	5	$3,500	

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	65%	2-4	$584,000	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	35%			2050	* *	1		
Motor Controllers								
Locally Mounted	5%			2028	$18,100	5	$100	
Locally Mounted	95%			2043	* *	5	$1,500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,300	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$199,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$27,400	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$25,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Staircases And Cafeteria								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2035	* *	1-3	$42,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Cafeteria								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$224,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	20%	0-2	$72,700	2040	* *			
Obsolete Equipment, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	80%			2030	$1,454,200			
Terminal Devices								
Air Handler	10%	Now	$85,400	2025	$427,200	1	$12,600	
Broken, Extent : Moderate, Area Affected : 100%								
Location : The Moter, Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Units For Auditorium, Basement								
Air Handler	20%			2025	$854,400	1	$28,100	
Convector/Radiator	20%			2043	* *	1	$14,700	
Convector/Radiator	50%			2028	$928,100	1	$36,700	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2025	$269,500			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units. Various Locations								
Window/Wall Unit	5%			2025	$43,000	1		
No Component	90%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2025	$34,600	1	$3,700	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2025	$3,300	2	$7,900	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$126,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2035	* *	2	$1,400	
Interior	15%	Now	$151,000	2040	* *	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Units For Auditorium And Swimming Pool Pump Room, Basement								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : The Units For Auditorium And Swimming Pool Pump Room, Basement								
Interior	55%	0-2	$27,700	2025	$553,700	2	$3,100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
Roof	10%			2025	$44,000	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2030	$2,186,600	1		
Galvanized Steel	25%			2028	$724,500	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$45,400	4	$4,800	
Pool Filter/Treatment								
Under Construction	100%							
Sewage Ejector(s)								
Compressed Air	100%			2030	$73,400	4	$2,300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%	0-2	$4,700	2030	$94,200	1-2	$1,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Main Valve								

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2024	$800	1-3	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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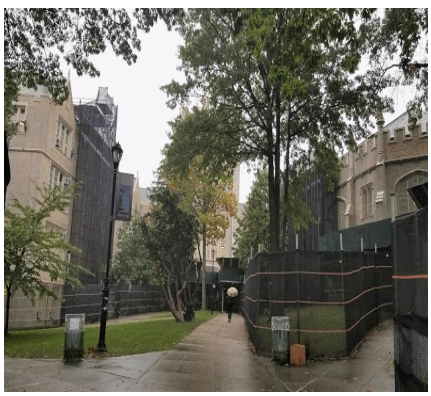
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **FLUSHING HIGH SCHOOL - Q**		
Address	: **35-01 UNION STREET @NORTHERN BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q460**
Program / Asset #	: **BOE0881.000 / 2758**	**Yr Built/Renovated**	: **1915 / 2008**
Area Sq Ft	: **230,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2020**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**		
Block	: **5002** **Lot** : **1**	**BIN**	: **4113172**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$294,000
Interior Architecture	$2,835,700	$376,100
Electrical	$2,351,000	$1,935,200
Mechanical	$3,430,300	$8,315,500
Total	**$8,616,900**	**$10,920,800**
Importance Code A	$1,429,900	$294,000
Importance Code B	$7,187,000	$10,565,500
Importance Code C		$61,300
Total	**$8,616,900**	**$10,920,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,400	$7,400		$22,600
Interior Architecture	$155,000	$65,600		$20,400
Electrical	$54,100	$7,200	$8,900	$6,400
Mechanical	$145,500	$31,800	$51,100	$70,800
Site Enclosure	$45,400			
Site Pavements	$33,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$449,700**	**$115,900**	**$64,000**	**$124,200**
Importance Code A	$12,400	$30,200	$22,800	$45,400
Importance Code B	$312,500	$70,400	$41,200	$78,700
Importance Code C	$124,800	$15,300		
Total	**$449,700**	**$115,900**	**$64,000**	**$124,200**



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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$149,000	
Masonry: Brick	40%			LIFE	* *	5	$76,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Scaffolding Erected For Roof Construction								
Masonry: Brick	36%			LIFE	* *	5	$68,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Scaffolding Erected For Roof Construction								
Masonry: Fieldstone	3%			LIFE	* *	5	$4,300	
Metal Panel	5%			2052	* *	5-10	$65,600	
Granite Panels	2%			LIFE	* *	5	$2,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$12,400	
Stucco Cement	2%			2037	* *	5	$9,500	
Windows								
Aluminum	87%			2048	* *	5	$65,700	
Aluminum	10%			2048	* *	5	$7,600	
Metal Louvers	3%			2041	* *	10	$14,200	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$39,400	
Masonry: Brick	68%			LIFE	* *	5	$23,100	
Masonry: Limestone	15%			LIFE	* *	5	$6,400	
Metal Rail	2%			2045	* *	5-10	$12,300	
Roof								
Copper/Terne	5%			2060	* *	10	$16,900	
Slate	30%	4+	$12,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Auditorium Roof								
Under Construction	65%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$64,200	
Mosaic Tile	5%	2-4	$30,200	2037	* *	5	$18,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	57%			2037	* *	3	$62,700	
Vinyl Tile	13%	2-4	$23,100	2037	* *	3	$14,300	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Lobby								
Vinyl Tile 9" X 9"	5%			2027	$2,835,700	3	$7,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1954 Wing								
Explanation : 9x9 Vinyl Tile								
Wood	5%			2047	* *	5	$27,500	

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$15,300	
Folding Partition	3%	Now	$27,900	2040	* *	5	$11,500	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Masonry: Brick	5%			LIFE	* *			
Metal Coiling Doors	1%			2040	* *	5	$15,300	
Marble Panels	3%			LIFE	* *			
Plaster	53%			LIFE	* *	5	$48,700	
SGFT/Glazed Masonry	3%	Now	$18,100	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Cafeteria Pillar								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria Pillar								
SGFT/Glazed Masonry	22%			LIFE	* *			
Wood	5%			LIFE	* *	5	$61,300	
Ceilings								
AcousTileSusp.Lay-In	20%			2045	* *	5	$58,700	
Exposed Struc: Concrete	40%			LIFE	* *	5	$18,300	
Exposed Struc: Steel	5%			LIFE	* *			
Exposed Struc: Wood	5%			LIFE	* *			
Fiber Board	5%	Now	$5,000	2032	$250,600			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Plaster	25%	Now	$48,900	LIFE	* *	5	$45,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Rear Stairs								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2052	* *			
Iron Picket	90%	2-4	$45,400	2052	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 70%								
Location : All Locations								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	4%	2-4	$17,000	2045	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 2%								
Location : Union Street Entrance								
Cast in Place Concrete	96%			2045	* *			

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$16,400	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	0-2	$112,600	2062	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available And Obsolete Equipment								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$712,100	2062	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2032	$738,500	1		
Panelboards								
Fused Disc Sw	5%			2031	$35,000	5	$300	
Fused Knife Sw	25%	0-2	$174,900	2057	* *	5	$700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Fused Toggle Switch	30%	0-2	$209,800	2057	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Obsolete Equipment And On Extended Life								
Molded Case Bkrs	35%			2031	$244,800	5	$2,100	
Molded Case Bkrs	5%			2040	* *	5	$300	
Wiring								
Braided Cloth	95%	2-4	$934,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$317,900	5	$1,200	
Locally Mounted	20%	0-2	$47,700	2052	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,400	
Lighting								

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$202,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Service	40%			2032	$62,100	1		
Exit, LED	20%			2060	* *	1		
Exit, Service	40%			2032	$43,400	1		
Exterior Lighting								
HID	20%			2032	$235,100	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$141,900	1	$25,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$194,900	1-3	$42,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Staircases, Basement, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$585,800	5	$71,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : In Vault								
Explanation : 2 Units, 18,000 Gallon Each Tank								

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	4+	$1,317,400	2052	* *	1	$205,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Steam Boilers								
Distribution								
Steam Piping/Pump	100%	4+	$40,300	2032	$2,017,200			
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	4+	$47,400	2027	$948,100	1	$25,600	
On Extended Life, Extent : Light, Area Affected : 20%								
Location : Fan Rooms								
Convector/Radiator	80%	4+	$33,000	2030	$1,647,900	1	$53,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2030	$668,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$128,300	
Exhaust Fans								
Interior	95%	4+	$53,100	2027	$1,061,300	2	$5,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Roof	5%			2032	$24,400	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	$3,235,200	1		
HW Heat Exchanger								
Steam Fired	100%	2-4	$24,400	2062	* *	4	$22,700	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2027	$50,400	4	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Passenger Unit								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Sidewalk Hoist								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$104,500	1-2	$1,900	
Chemical System								
No Component	99%							
Generic	1%			2027	$900	1-3	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **FOREST HILLS HIGH SCHOOL - Q**		
Address	: **67-01 110 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q440**
Program / Asset #	: **BOE0876.000 / 1469**	**Yr Built/Renovated**	: **1941 / 2002**
Area Sq Ft	: **283,030**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2189** **Lot** : **2**	**BIN**	: **4052143**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,534,700	$283,900
Interior Architecture	$670,100	$2,699,200
Electrical	$718,800	$5,785,200
Mechanical	$3,503,000	$9,466,600
Site Enclosure	$66,100	
Total	**$8,492,600**	**$18,234,800**
Importance Code A	$3,534,700	$2,750,800
Importance Code B	$4,702,800	$14,270,300
Importance Code C	$255,100	$1,213,700
Total	**$8,492,600**	**$18,234,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,300	$26,600		
Interior Architecture		$10,600	$21,200	$5,300
Electrical	$9,500	$9,100	$11,600	$9,500
Mechanical	$70,100	$87,600	$82,500	$43,900
Site Pavements	$46,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$148,900**	**$137,900**	**$119,200**	**$62,600**
Importance Code A	$47,300	$55,200	$28,000	$28,000
Importance Code B	$101,600	$82,700	$91,200	$34,600
Importance Code C				
Total	**$148,900**	**$137,900**	**$119,200**	**$62,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	83%	Now	$1,828,200	LIFE	* *	5	$222,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 5%								
Location : Lintels In Courtyard								
Masonry: Granite	5%			LIFE	* *	5	$10,000	
Masonry: Limestone	10%	Now	$421,300	LIFE	* *	5	$20,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Entrance								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			2050	* *	5-10	$36,800	
Windows								
Aluminum	95%	4+	$1,285,100	2046	* *	5	$44,900	
Air Infiltration, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$1,200	
Metal Louvers	3%			2039	* *	10	$17,700	
Parapets								
Metal Rail	2%			2035	* *	5-10	$8,700	
Under Construction	98%							
Roof								
Built-Up (BUR)	5%			2035	* *	10	$11,200	
Metal Panel	15%			2043	* *	10	$61,900	
Modified Bitumen	2%			2030	$49,200	10	$4,500	
Slate	78%			LIFE	* *			
Soffits								
Stucco Cement	100%	4+	$19,300	2043	* *	5	$2,800	
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Soffit In Courtyard Area								
Interior								

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DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	9%			LIFE	* *	5	$83,400	
Ceramic Tile	5%			2033	$1,194,200	5	$21,200	
Marble Panels	2%			LIFE	* *	5	$6,400	
Slate	2%			LIFE	* *	5	$9,000	
Terrazzo	5%			LIFE	* *	5	$16,500	
Vinyl Tile	25%			2035	* *	3	$39,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Various Classrooms								
Vinyl Tile	15%			2035	* *	3	$23,800	
Vinyl Tile 9" X 9"	10%	Now	$373,800	2040	* *	3	$15,900	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Corridord, Basement Classrooms, B9, B5								
Wood	27%			2045	* *	5	$214,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Sanded And Finished								
Interior Walls								
Ceramic Tile	5%			2033	$1,157,000	5	$21,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,400	
Glass: Special Gauge	3%			LIFE	* *	1		
Gypsum Board	10%			LIFE	* *	5	$25,200	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$56,800	
SGFT/Glazed Masonry	25%	4+	$189,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Boys Locker Room At Exist 12 And 13								
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$21,200	
AcousTileSusp.Lay-In	2%			2043	* *	5	$8,500	
Exposed Struc: Concrete	50%			LIFE	* *	5	$33,100	
Gypsum Board	5%			LIFE	* *	5	$26,500	
Plaster	35%			LIFE	* *	5	$92,700	
Plaster	3%			LIFE	* *	5	$7,900	
Site Enclosure								
Fence/Gates								
Chain Link	55%			2050	* *			
Iron Picket	45%	Now	$66,100	2065	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Grand Central Parkway								
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			

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DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$46,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 110th Street								
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Pavers/Stone	5%			2039	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	40%			2039	* *			
Cast in Place Concrete	60%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,500 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Six Vertical Sections								
Raceway								
Conduit	80%			2030	$539,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$700	
Molded Case Bkrs	90%			2046	* *	5	$6,700	
Wiring								
Braided Cloth	80%	2-4	$718,800	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	10%			2028	$36,300	5	$200	
Locally Mounted	90%			2043	* *	5	$1,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,200	
Lighting								

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DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2030	$4,092,500	10	$251,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2030	$33,500	10	$100	
Incandescent	1%			2030	$78,400	2	$100	
LED	1%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$237,500	10	$34,200	
Exit, LED	10%			2065	* *	1		
Exit, Service	40%			2030	$48,800	1		
Exterior Lighting								
HID	25%			2030	$330,200	10	$200	
LED	5%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$31,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Front And Rear Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$219,000	1-3	$53,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Basement And Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$658,100	5	$87,700	
Conversion Equipment								
Steam Boiler	100%			2028	$2,467,000	1	$280,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								

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DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	3%	0-2	$1,400	2030	$68,000			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various Locations								
Explanation : Replacement Of Steam Traps Is In Progress.								
Steam Piping/Pump	97%			2030	$2,198,500			
Terminal Devices								
Air Handler	6%	0-2	$6,400	2025	$319,600	1	$9,500	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Leaking At Auditorium Reheat Coils In B49								
Air Handler	19%			2025	$1,012,000	1	$33,300	
Convector/Radiator	65%			2028	$1,504,400	1	$59,400	
Fan Coil Unit/Heat	10%			2025	$701,700	1	$9,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2030	$417,600	1	$13,100	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4th Floor								
Window/Wall Unit	20%			2025	$214,400	1		
No Component	70%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2040	* *	4	$2,100	
No Component	90%							
Terminal Devices								
Fan Coil - 4 Pipe	10%			2030	$323,000	1	$9,100	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2030	$24,600	2	$19,700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$157,800	
Exhaust Fans								
Interior	100%			2025	$1,255,300	2	$8,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$1,368,600	4	$28,000	

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DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	5%	0-2	$3,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up At Boiler Room When It Rains.								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$8,700	4	$9,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$391,400	1-2	$7,900	
Chemical System								
No Component	99%							
Generic	1%			2024	$800	1-3	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **FORT HAMILTON HIGH SCHOOL - BK**		
Address	: **8301 SHORE ROAD @ 83RD ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K490**
Program / Asset #	: **BOE0639.000 / 1231**	**Yr Built/Renovated**	: **1941 / 2012**
Area Sq Ft	: **250,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3,4**		
Block	: **6013** **Lot** : **1**	**BIN**	: **3152318**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$535,000	$567,600
Interior Architecture	$1,638,600	$187,500
Electrical		$6,713,000
Mechanical	$81,600	$7,418,300
Site Pavements	$143,800	
Total	**$2,398,900**	**$14,886,500**
Importance Code A	$535,000	$670,400
Importance Code B	$1,651,000	$14,216,100
Importance Code C	$213,000	
Total	**$2,398,900**	**$14,886,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,400			
Interior Architecture	$232,300			$23,500
Electrical	$57,000	$40,700	$44,200	$45,400
Mechanical	$126,900	$44,600	$90,000	$63,400
Site Enclosure	$6,600			
Site Pavements	$1,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$500,900**	**$93,200**	**$142,200**	**$140,200**
Importance Code A	$93,100	$24,800	$24,800	$24,800
Importance Code B	$293,300	$68,400	$117,400	$115,400
Importance Code C	$114,500			
Total	**$500,900**	**$93,200**	**$142,200**	**$140,200**

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DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$25,500	
Masonry: Brick	78%			LIFE	* *	5	$198,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Exterior Brick. Repointing								
Masonry: Granite	2%	4+	$60,200	LIFE	* *	5	$1,900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Entrance								
Masonry: Limestone	15%	Now	$150,400	LIFE	* *	5	$14,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Cupola								
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Entrance								
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : Auditorium Entrance								
Metal Panel	2%			2053	* *	5-10	$17,500	
Slate Panels	1%	2-4	$29,700	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Courtyard Areas Below Windows								
Explanation : Discoloring								
Windows								
Aluminum	98%			2049	* *	5	$18,600	
Metal Louvers	2%			2042	* *	10	$2,400	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$128,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Repointing And Repair Throughout								
Masonry: Granite	2%			LIFE	* *	5-10	$5,800	
Masonry: Limestone	5%			LIFE	* *	5-10	$12,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	3%			2053	* *	5	$2,400	
Roof								
Built-Up (BUR)	15%			2033	$287,600	10	$24,600	
Copper/Terne	20%			2048	* *	10	$82,100	
IRMA/Protected Membrane	60%			2041	* *	10	$98,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roofs Except For Pool And Maintenance Sheds								
Skylight, Metal/Glass	5%	Now	$115,400	2053	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Pool Skylight								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		

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DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$71,000	
Ceramic Tile	5%	Now	$91,400	2036	* *	5	$8,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Granite Panels	2%	Now	$107,800	LIFE	* *	5	$4,900	
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Enlosed Exterior Granite Stairs								
Terrazzo	5%			LIFE	* *	5	$25,300	
Vinyl Tile	58%	Now	$519,700	2041	* *	3	$70,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : First And Second Floors, Basement								
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : Basement								
Wood	25%			2061	* *	5	$152,000	
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Gymnasium, Dance Room								
Interior Walls								
Ceramic Tile	5%	Now	$28,800	2036	* *	5	$5,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	8%			LIFE	* *	10	$7,500	
Marble Panels	2%			LIFE	* *	10	$1,700	
Plaster	60%			LIFE	* *	5-10	$106,900	
SGFT/Glazed Masonry	5%	0-2	$47,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$21,000	

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DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$104,400	2038	* *	5	$32,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	25%			2046	* *	5	$101,400	
Exposed Struc: Concrete	3%	Now	$72,900	LIFE	* *	5	$1,500	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Mechanical Room								
Exposed Struc: Concrete	12%			LIFE	* *	5-10	$48,700	
Exposed Struc: Steel	5%	Now	$487,200	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Attic Structural Framing								
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Attic Structural Framing								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Attic Structural Framing								
Gypsum Board	5%			LIFE	* *	5-10	$55,800	
Recent Replace Evident, Extent : N/A, Area Affected : 50%								
Location : Basement								
Plaster	30%	Now	$59,200	LIFE	* *	5	$60,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Generator Room Basement								
Site Enclosure								
Fence/Gates								
Iron Picket	95%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	4%	Now	$6,600	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Fieldstone	1%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Pavers/Stone	3%	Now	$87,300	2042	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Steps Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 20%								
Location : Steps Throughout								
Pavers/Stone	7%			2042	* *			

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DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	90%	0-2	$56,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Service Drive								
Cast in Place Concrete	10%	2-4	$1,700	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Delivery Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$102,800	5	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$650,200	5	$1,100	
Raceway								
Conduit	80%			2033	$539,400	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$300	
Molded Case Bkrs	95%			2041	* *	5	$6,300	
Wiring								
Thermoplastic	100%			2033	$898,500	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$1,200	
Locally Mounted	30%			2031	$108,900	5	$500	
Ground								
Grounding Devices								
Generic	50%	0-2	$5,200	LIFE	* *	5	$1,800	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Generic	50%			LIFE	* *	5	$3,700	
Stand-by Power								
Transfer Switches								
Automatic	70%			2038	* *	1	$53,800	
Automatic	30%			2050	* *	1	$23,100	
Generators								
Natural Gas	100%			2029	$138,700	1	$96,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 170 Kilowatts								

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DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$9,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$3,354,000	10	$206,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Service	45%			2033	$69,300	1		
Emergency, Battery	5%			2033	$21,000	10	$3,000	
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$93,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$644,900	1-3	$158,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Basement, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$247,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units. Gas Valve Of Unit No.1 Need To Be Replaced.								
Distribution								
Steam Piping/Pump	5%	0-2	$5,000	2059	* *			
Corroded, Extent : Moderate, Area Affected : 5%								
Location : And Leaking, Vacuum Pump In Boiler Room								
Steam Piping/Pump	95%			2033	$1,901,900			

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DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2033	$705,700	1	$23,200	
Convector/Radiator	70%			2031	$1,431,000	1	$56,500	
Fan Coil Unit/Heat	15%			2033	$929,800	1	$12,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2033	$553,200	1	$17,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	60%			2028	$568,200	1		
No Component	25%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2033	$545,700	1	$23,200	
No Component	85%							
Heat Rejection								
Dry Cooler	15%			2028	$129,100	2	$26,100	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$88,300	
No Component	60%							
Exhaust Fans								
Interior	25%			2033	$277,200	2	$1,900	
Roof	15%			2033	$72,800	2	$1,200	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	85%			2043	* *	1		
Galvanized Steel	15%	0-2	$9,600	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Coach Room, Basement								
Water Heater With Tanks								
Gas Fired	100%	0-2	$3,400	2031	$34,200	2		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$24,700	

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DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	Now	$15,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Water Backs Up In Boiler Room, Fan Room And Filter Room When It Rains								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	10%	Now	$300	2038	* *	4	$500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : The Motor In Fan Room								
Non-Submersible	90%			2038	* *	4	$4,800	
Pool Filter/Treatment								
Sand	100%			2038	* *	4	$61,900	
Sewage Ejector(s)								
Electric	100%			2028	$130,900	4	$14,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	75%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Hydraulic	25%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$172,900	1-2	$3,500	
Chemical System								
Generic	100%			2026	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 20 Square Feet								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **FRANCIS LEWIS HIGH SCHOOL - Q**		
Address	: **58-20 UTOPIA PKWY.-FLUSHING**		
Borough	: **QUEENS**	**Agency's Number**	: **Q430**
Program / Asset #	: **BOE0874.000 / 2628**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **299,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **6882** **Lot** : **1**	**BIN**	: **4148763**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$193,400	$136,700
Interior Architecture	$5,342,000	$259,700
Electrical	$1,672,900	$7,324,000
Mechanical	$876,800	$9,070,300
Total	**$8,085,000**	**$16,790,700**
Importance Code A	$193,400	$2,810,800
Importance Code B	$7,690,600	$13,836,700
Importance Code C	$201,000	$143,100
Total	**$8,085,000**	**$16,790,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,100	$21,800	$32,200	
Interior Architecture	$87,500	$36,700		$41,400
Electrical	$8,900	$47,200	$5,000	$5,600
Mechanical	$170,800	$99,600	$86,300	$53,400
Site Enclosure	$37,000			
Site Pavements	$44,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$385,700**	**$209,200**	**$127,500**	**$104,300**
Importance Code A	$62,300	$51,700	$61,400	$29,200
Importance Code B	$238,100	$157,600	$66,100	$75,100
Importance Code C	$85,400			
Total	**$385,700**	**$209,200**	**$127,500**	**$104,300**

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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$129,100	
Masonry: Brick Cavity	5%	4+	$33,100	LIFE	* *	5	$7,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Facade Near Loading Dock								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$14,200	
Metal Panel	3%			2050	* *	5-10	$31,300	
Granite Panels	2%			LIFE	* *	5	$2,300	
Windows								
Aluminum	97%			2046	* *	5	$64,400	
Metal Louvers	3%			2039	* *	10	$12,500	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$18,400	
Metal Panel	5%			2050	* *	5	$3,700	
Roof								
Built-Up (BUR)	85%			2035	* *	10	$193,400	
Copper/Terne	5%			2058	* *	10	$28,400	
Modified Bitumen	5%			2035	* *	10	$11,400	
Skylight, Plastic	5%			2043	* *	1		
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$48,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	3%			2039	* *	5	$13,200	
Quarry Tile	2%	Now	$32,500	2043	* *	5	$6,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Sheet Vinyl/Rubber	5%	Now	$722,200	2040	* *	5	$16,600	
Adhesion Failure, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%								
Location : Kitchen								
Seams Open/Split, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$17,200	
Vinyl Tile	50%	Now	$1,219,800	2035	* *	3	$82,800	
Adhesion Failure, Extent : Severe, Area Affected : 2%								
Location : Room 205								
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Room 205, Stairs								
Vinyl Tile 9" X 9"	25%	Now	$974,100	2040	* *	3	$41,400	
Adhesion Failure, Extent : Severe, Area Affected : 100%								
Location : 2nd And 3rd Floors								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 2nd And 3rd Floors								
Explanation : Tile Covered With 12x12 Tiles Not Adhering To 9x9 Tiles								
Wood	2%	Now	$316,000	2070	* *	5	$8,300	
Dry Rot/Decay, Extent : Severe, Area Affected : 20%								
Location : Auditorium Stage								
Split/Cracked, Extent : Severe, Area Affected : 25%								
Location : Auditorium Stage								
Wood	3%			2065	* *	5	$24,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$22,400	
Concrete Masonry Unit	30%			LIFE	* *	5	$53,700	
Folding Partition	3%	4+	$37,200	2038	* *	5	$16,800	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Explanation : Access Door In Partition Is Broken And Inoperable								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$33,500	
SGFT/Glazed Masonry	25%	Now	$201,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Wood	5%			LIFE	* *	5	$89,500	
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$18,600	
AcousTileSusp.Lay-In	8%			2035	* *	5	$29,800	
Exposed Struc: Concrete	52%			LIFE	* *	5	$30,300	
Exposed Struc: Concrete	5%	Now	$55,900	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room Below Loading Dock								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	25%	Now	$1,852,900	LIFE	* *	5	$116,600	
Bent/Warped Elements, Extent : Severe, Area Affected : 25%								
Location : Throughout Corridors, Cafeteria								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 35%								
Location : Throughout Corridors								
Site Enclosure								
Fence/Gates								
Chain Link	80%	4+	$37,000	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Loading Dock								
Iron Picket	20%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	10%			2039	* *			
Cast in Place Concrete	90%			2043	* *			

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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	80%			2039	* *			
Cast in Place Concrete	20%			2043	* *			
Activity Yard								
Asphalt	100%	4+	$44,500	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Tennis Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$102,800	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Transformers								
Dry Type	100%			2047	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 30 Kilowatt-amperes, 208/120 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$650,200	5	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2030	$674,300	1		
Panelboards								
Fused Disc Sw	2%			2038	* *	5	$100	
Molded Case Bkrs	98%			2029	$625,900	5	$7,700	
Wiring								
Braided Cloth	70%	2-4	$628,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2030	$269,500	1		
Motor Controllers								
Locally Mounted	95%			2028	$344,700	5	$1,900	
Variable Frequency Drive	5%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								

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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$4,309,700	10	$265,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Lamp T-8								
Incandescent	1%			2025	$81,700	2	$100	
LED	1%			2030	$81,700			
Egress Lighting								
Emergency, Battery	50%			2025	$247,600	10	$35,600	
Exit, Service	50%			2025	$63,600	1		
Exterior Lighting								
HID	30%			2025	$419,200	10	$300	
No Component	70%							
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$231,800	1-3	$55,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Old Fire Alarm System. Alarm Bells, Manual Pull Stations, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$91,400	
Conversion Equipment								
Steam Boiler	100%			2028	$2,571,400	1	$292,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Old Units								
Distribution								
Steam Piping/Pump	10%	0-2	$94,500	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Management System, Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 80%								
Location : Traps And Thermostats, Throughout								
Steam Piping/Pump	90%			2030	$2,126,100			
Terminal Devices								
Air Handler	20%			2035	* *	1	$36,500	
Convector/Radiator	80%			2028	$1,929,900	1	$76,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2035	* *	1	$13,700	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Auditorium Roof								
Reciprocating Compr/Chiller	10%			2030	$435,200	1	$13,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Courtyard								
Window/Wall Unit	70%	0-2	$15,600	2025	$782,300	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Of Building								
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2035	* *	1	$36,500	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	* *	2	$20,500	
Air Cooled Condenser Unit	10%			2030	$76,900	2	$20,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$164,500	
Exhaust Fans								
Interior	20%	0-2	$26,200	2030	$261,700	2	$1,400	
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms Exhaust Fans. Various Locations.								
Interior	60%			2030	$785,000	2	$5,400	
Roof	20%			2030	$114,500	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Under Sized Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	0-2	$28,500	2040	* *	4	$29,200	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil, Boiler Room								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	60%	Now	$44,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Broken, Extent : Severe, Area Affected : 3%								
Location : Underneath Of Boiler Room Ground.								
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	55%			2030	$33,000	4	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Under Repairing Process								
Submersible	5%	Now	$500	2025	$500	4	$300	
Abandoned in Place, Extent : Severe, Area Affected : 5%								
Location : Electrical Room								
Under Construction	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Exit Door Of Boiler Room								
Explanation : New Installation Has Discontinued, It Causes Ground Water Goes To Boiler Room Along Opened Piping.								
Sewage Ejector(s)								
Electric	100%			2030	$156,800	4	$11,900	
Backflow Preventer								
Generic	100%			2030	$131,700	1	$18,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$408,000	1-2	$8,300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS**		
Address	: **35-12 35TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q570**
Program / Asset #	: **BOE1092.000 / 14443**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **146,900**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **639** **Lot** : **16**	**BIN**	: **4009594**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$610,700	$131,100
Interior Architecture		$318,400
Electrical	$128,000	
Mechanical		$122,400
Total	**$738,700**	**$571,900**
Importance Code A	$610,700	$131,100
Importance Code B	$128,000	$286,600
Importance Code C		$154,200
Total	**$738,700**	**$571,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$29,300	$5,900	$5,300	$36,900
Interior Architecture	$43,400	$5,600	$11,300	$63,500
Electrical	$19,500	$15,200	$17,100	$14,300
Mechanical	$110,200	$57,700	$41,300	$33,300
Elevators/Escalators	$19,700	$19,700	$19,700	$19,700
Total	**$222,200**	**$104,200**	**$94,700**	**$167,800**
Importance Code A	$35,500	$14,500	$11,500	$45,100
Importance Code B	$186,600	$89,800	$83,200	$122,700
Importance Code C				
Total	**$222,200**	**$104,200**	**$94,700**	**$167,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$16,900	LIFE	* *	5	$70,800	
Vertical Cracks, Extent : Severe, Area Affected : 1%								
Location : Foundation Wall By Parking Garage Ramp								
Water Penetration, Extent : Severe, Area Affected : 1%								
Location : Foundation Wall By Parking Garage Ramp								
Concrete Masonry Unit	22%			LIFE	* *	5	$19,500	
Fiberglass Panel	6%			2043	* *	5	$31,900	
Masonry: Brick	22%			LIFE	* *	5	$31,100	
Metal/Glass Curt Wall	18%	4+	$429,400	LIFE	* *	5	$47,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 501, 401 And 301								
Metal Panel	18%			2056	* *	5-10	$175,200	
Stucco Cement	2%			2047	* *	5	$7,100	
Window Wall	2%			2056	* *	5	$10,600	
Windows								
Aluminum	100%			2052	* *	5	$66,700	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$60,300	
Concrete Masonry Unit	35%			LIFE	* *	5	$6,600	
Masonry: Brick	5%			LIFE	* *	5	$800	
Metal/Glass Curt Wall	10%	Now	$5,600	2056	* *	5	$3,200	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Rooms 501 And 505								
Metal Panel	10%	Now	$6,800	2056	* *	5	$3,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Below Stairs On 5th Floor								
Metal Rail	5%			2050	* *	5-10	$15,100	
Roof								
IRMA/Protected Membrane	50%			2040	* *	10	$47,300	
IRMA/Protected Membrane	10%			2038	* *	10	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Above The 4th Floor								
Explanation : Green Roof								
Paver: Asphalt	38%			2045	* *	10	$53,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Over Fourth Floor								
Explanation : Concrete Pavers								
Sloped Glazing	2%			LIFE	* *	5	$25,200	
Soffits								
Fiberglass Panel	90%			2043	* *	5		
Metal Panel	10%			2056	* *	5-10		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2031	$199,600	3	$16,900	
Cast in Place Concrete	10%			LIFE	* *	5	$49,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Parking Garage, B-35								
Quarry Tile	3%			2047	* *	5	$10,200	
Sheet Vinyl/Rubber	2%			2038	* *	5	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Dance Studios								
Explanation : Thick Rubber Flooring Located In Dance Studios								
Sheet Vinyl/Rubber	5%	0-2	$14,800	2035	* *	5	$8,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Black Room (Masonite)								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Masonite Floor Covering Used To Deaden Sound								
Explanation : Masonite Floor Cover Is Damaged								
Terrazzo	10%			LIFE	* *	5	$17,600	
Vinyl Tile	40%			2038	* *	3	$33,900	
Wood	25%			2058	* *	5	$105,800	
Interior Walls								
Ceramic Tile	15%			2043	* *	5	$64,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,600	
Glass: Single Pane	10%			LIFE	* *	5	$32,100	
Gypsum Board	60%			LIFE	* *	5	$154,200	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2047	* *	5	$27,800	
AcousTileSusp.Lay-In	40%			2047	* *	5	$89,000	
Exposed Struc: Steel	7%			LIFE	* *			
Fiber Board	30%	Now	$20,800	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : 5th Floor Corridor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Fiber Glass Panel								
Gypsum Board	10%	Now	$7,800	LIFE	* *	5	$27,800	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Rooms 501 And 505								
Wood	3%			LIFE	* *	5	$58,400	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Pavers/Stone	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Below Building								
Explanation : Parking Garage								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated 3,000 Amperes Each.								
Transformers								
Dry Type	100%			2043	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 750 Kilovolt-ampere, 208/480/277 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Eight Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	95%			2046	* *	5	$3,700	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$45,200	
Generators								
Diesel	100%			2039	* *	1	$56,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : Emergency Generator Rated At 500 Kilowatts								

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DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$5,400	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	85%			2035	* *	10	$114,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2035	* *	10	$6,700	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallways								
Fluorescent	5%			2035	* *	10	$6,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
HID	3%			2035	* *	10	$100	
Incandescent	2%			2035	* *	2	$100	
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
HID	15%			2035	* *	10	$100	
LED	15%			2035	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$1,000	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$16,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Garage, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$27,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Basement, Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2050	* *	1		
Natural Gas	80%			2050	* *	1		
Conversion Equipment								
Furnace	80%			2035	* *	1	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 14 Rooftop Units								
Hot Water Boiler	5%			2043	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Garage Mechanical Room								
Explanation : Stop Working For Many Years Due To Ice Melt System Leaks								
Radiant Heater	15%			2035	* *	2	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : Electric Unit Heaters								
Distribution								
Hot Wtr Piping/Pump	5%	0-2	$8,000	2046	* *	4	$400	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Glycol Tubes Ice Melt System Underneath Of Paking Gararge Ramp								
No Component	95%							
Terminal Devices								
Fan Coil Unit/Heat	15%			2035	* *	1	$7,100	
No Component	85%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2035	* *	2	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 14 Units. 9 Units With R-407a And 5 Units With R-22.								
Ext Pkg Unit - Heating/Cooling	10%	0-2	$49,400	2035	* *	2	$700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : All 14 Units Controllers Are Defective, Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	20%	0-2	$25,800	LIFE	* *	2-5	$16,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Building Management System Control, Throughout								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$65,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2035	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : Serves Garage Area								
Roof	90%			2035	* *	2	$4,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Mechanical Room								
Explanation : 900 Gallon Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$3,100	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Backflow Preventer								
Generic	100%			2035	* *	1	$9,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Three Units From Basement To 5th Floor, One Unit From Basement To 1st Floor								
Explanation : 4 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$74,100	
Sprinkler								
Generic	100%			2050	* *	1-2	$41,100	
Fire Pump								
Generic	100%			2039	* *	1	$27,400	
Chemical System								
Generic	100%			2028	$122,400	1-3	$111,600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **FRANKLIN D. ROOSEVELT H.S - BK**		
Address	: **5800 20TH AVE BTWN: 58 ST., 59 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K505**
Program / Asset #	: **BOE0642.000 / 1219**	**Yr Built/Renovated**	: **1965 / 2002**
Area Sq Ft	: **296,080**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **5506** **Lot** : **6**	**BIN**	: **3131537**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,593,900	$460,900
Interior Architecture	$6,319,000	$58,668,000
Electrical	$573,100	$3,032,200
Mechanical	$2,696,200	$14,606,900
Site Pavements	$147,000	
Total	**$12,329,200**	**$76,767,900**
Importance Code A	$2,593,900	$3,144,300
Importance Code B	$9,390,500	$73,533,600
Importance Code C	$344,800	$90,000
Total	**$12,329,200**	**$76,767,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,900	$9,200		
Interior Architecture	$31,300	$31,000		$41,400
Electrical	$21,500	$34,300	$18,800	$18,200
Mechanical	$96,100	$88,200	$70,600	$42,200
Site Pavements	$19,600			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$223,300**	**$170,600**	**$97,300**	**$109,700**
Importance Code A	$76,200	$39,200	$29,300	$29,300
Importance Code B	$127,500	$131,400	$68,000	$80,300
Importance Code C	$19,600			
Total	**$223,300**	**$170,600**	**$97,300**	**$109,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$56,200	
Masonry: Brick	50%	Now	$462,800	LIFE	* *	5	$112,400	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : North And East Side At 3rd And 4th Floors								
Pre-Cast Concrete	40%	Now	$130,500	LIFE	* *	5	$292,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North And East Side At 3rd And 4th Floors								
Window Wall	5%	Now	$17,100	2050	* *	5	$21,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout 1st Floor								
Windows								
Aluminum	90%	Now	$344,300	2046	* *	5	$18,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 3rd And 4th Floors								
Metal Louvers	10%			2039	* *	10	$25,100	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$8,400	
Metal Rail	5%			2035	* *	5-10	$15,200	
Metal: Cage/Fence	5%			2043	* *	5-10	$6,500	
Pre-Cast Concrete	40%			LIFE	* *	5	$42,400	
Roof								
Built-Up (BUR)	55%			2035	* *	10	$166,600	
Modified Bitumen	45%	0-2	$29,800	2025	$1,489,800			
Blisters, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Soffits								
Cast in Place Concrete	50%			LIFE	* *	5	$33,300	
Stucco Cement	50%			2043	* *	5	$16,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Mosaic Tile	5%	Now	$194,000	2035	* *	5	$29,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%			LIFE	* *	5	$18,500	
Vinyl Tile	15%			2025	$1,958,300	3	$26,600	
Vinyl Tile 9" X 9"	70%	Now	$2,919,300	2030	$58,386,000	3	$124,100	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Corridors Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Corridors Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Classrooms And Corridors Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Classrooms And Corridors Throughout								
Wood	5%			2045	* *	5	$44,300	
Interior Walls								
Concrete Masonry Unit	10%	Now	$112,800	LIFE	* *	5	$24,000	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Storage Rooms And Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Masonry: Brick	10%			LIFE	* *			
Plaster	50%	Now	$146,000	LIFE	* *	5	$90,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Corridor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Corridor								
SGFT/Glazed Masonry	30%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	65%	Now	$988,600	2035	* *	5	$192,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	23%			LIFE	* *	5	$17,000	
Metal Panel	2%	Now	$31,300	LIFE	* *	5	$11,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$29,500	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$61,000	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$19,600	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$86,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Rubber Matting	100%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Yard								
Explanation : Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$102,800	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electric Service Room								
Explanation : 2,500 Ampere Fused Disconnect Switch								
Transformers								
Dry Type	100%			2047	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electric Service Room								
Explanation : One 330 Kilovolt-ampere Transformer For Solar Panel Reverse Feed								
Switchgear / Switchboard								
Fused Disc Sw	75%			2056	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electric Service Room								
Explanation : One 1,200 Ampere Switch For Reverse Feed From Solar Panels								
Fused Disc Sw	25%			2030	$162,600	5	$300	
Raceway								
Conduit	100%			2030	$674,300	1		
Panelboards								
Fused Disc Sw	20%			2029	$127,700	5	$1,400	
Molded Case Bkrs	80%			2029	$510,900	5	$6,200	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Library								
Explanation : Circuit Breakers In Panel Lp-l Frequently Trip								
Wiring								
Braided Cloth	20%	2-4	$179,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2030	$718,800	1		
Motor Controllers								
Locally Mounted	100%			2028	$362,900	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room First Floor								
Explanation : Main Water Pipe								
Stand-by Power								
Transfer Switches								
Manual	100%			2056	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electric Service Room								
Explanation : Connected To Outdoor Generator Connection Box								
Lighting								

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DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2040	* *	10	$217,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Lamps T-8								
Fluorescent	5%			2025	$220,700	10	$13,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors, Teacher Cafeteria, Multipurpose Room Second Floor								
LED	15%	Now	$61,500	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Main Gymnasium, Auditorium								
Explanation : LED Modules Have Failed And Are Dark								
Egress Lighting								
Emergency, Service	50%			2030	$91,200	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Exit, Service	50%			2030	$63,800	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Exterior Lighting								
LED	100%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Parapet, Exterior Walls, Entrance Soffits								
Alarm								
Security System								
Generic	20%			2025	$111,200	1	$22,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Occasional Outages. Problem Was Traced, But Could Not Be Determined.								
Generic	80%			2038	* *	1	$88,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System Is Less Than Two Years Old								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2040	* *	1-3	$73,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$688,500	5	$91,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	$2,580,700	1	$293,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$416,300	2030	$8,325,700	4	$14,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : All Floors								
Explanation : Broken Steam Tanks								
Terminal Devices								
Air Handler	30%			2030	$1,671,500	1	$54,900	
Convector/Radiator	50%	Now	$363,200	2043	* *	1	$43,000	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Radiators								
Explanation : Thermostats Need To Be Replaced								
Fan Coil Unit/Heat	20%			2025	$1,468,200	1	$19,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	10%			2035	* *			
Window/Wall Unit	40%			2028	$448,700	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$165,100	
Exhaust Fans								
Interior	25%			2030	$328,300	2	$2,300	
Roof	75%	Now	$43,100	2030	$430,900	2	$5,400	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : One Broken Fan								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$75,600	2035	* *	1		
Other Observation, Extent : Severe, Area Affected : 2%								
Location : 1st Floor								
Explanation : Main Water Valve Broken								

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DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$43,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units, 600 Gallon Each								
Sanitary Piping								
Cast Iron	100%	Now	$373,000	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : 1, 2, 3, 9th Floors								
Explanation : Various Drains Broken								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$59,300	4	$6,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement To 4th Floor								
Explanation : Two Units But Only One Elevator Is In Use, The Other Elevator Is Not Used								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2050	* *	1-2	$8,300	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **FRANKLIN K. LANE HIGH SCHOOL -BK**		
Address	: **999 JAMAICA AVE. BTWN: ELDERT LA - DEXTER CT**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K420**
Program / Asset #	: **BOE0669.000 / 312**	**Yr Built/Renovated**	: **1937 / 2018**
Area Sq Ft	: **351,312**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4**		
Block	: **4094** **Lot** : **1**	**BIN**	: **3090738**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$249,500	$515,400
Interior Architecture	$19,715,900	$5,642,600
Electrical	$1,639,200	$8,484,400
Mechanical	$8,318,900	$13,140,300
Total	**$29,923,400**	**$27,782,700**
Importance Code A	$1,780,600	$4,162,700
Importance Code B	$27,799,500	$23,566,400
Importance Code C	$343,300	$53,600
Total	**$29,923,400**	**$27,782,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$80,200
Interior Architecture	$52,300	$35,500		$29,600
Electrical	$14,400	$21,400	$23,100	$72,800
Mechanical	$52,600	$54,400	$80,100	$57,000
Site Enclosure	$47,300			
Site Pavements	$28,900			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$210,200**	**$126,100**	**$118,000**	**$254,400**
Importance Code A		$34,800	$34,800	$115,900
Importance Code B	$180,100	$69,000	$83,200	$138,500
Importance Code C	$30,100	$22,300		
Total	**$210,200**	**$126,100**	**$118,000**	**$254,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$309,200	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Throughout All Elevations								
Masonry: Granite	7%			LIFE	* *	5	$21,600	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout All Elevations								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Building Base Throughout								
Explanation : Peeling Paint								
Masonry: Limestone	18%			LIFE	* *	5	$55,700	
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Throughout All Elevations								
Windows								
Aluminum	100%			2048	* *	5	$150,600	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$42,800	
Masonry: Limestone	20%			LIFE	* *	5	$15,400	
Metal Rail	5%			2037	* *	5-10	$55,200	
Metal: Cage/Fence	5%			2037	* *	5-10	$23,700	
Roof								
Copper/Terne	5%			2047	* *	10	$32,800	
Modified Bitumen	95%			2037	* *	10	$249,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Soffits								
Exposed Struc: Concrete	50%			LIFE	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inner Courtyards								
Explanation : Entry Ramp Soffits								
Masonry: Limestone	50%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	14%	Now	$125,200	LIFE	* *	5	$161,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Rupture At Floor Drain In Sub-basement								
Ceramic Tile	5%			2035	* *	5	$26,300	
Mosaic Tile	3%	2-4	$148,000	2037	* *	5	$19,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Pool Coping								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%								
Location : Pool Walking Area, Coping								
Poured Epoxy/Resin	5%			2030	$1,472,900			
Terrazzo	3%			LIFE	* *	5	$12,300	
Vinyl Tile	25%	Now	$72,600	2032	$3,631,500	3	$49,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Various Classrooms								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								
Vinyl Tile 9" X 9"	20%			2027	$18,560,900	3	$52,600	
Wood	20%			2047	* *	5	$197,200	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Various Classrooms								
Wood	5%	4+	$78,400	2047	* *	5	$24,600	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Gymnasium Floors								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2035	* *	5	$44,600	
Glass: Single Pane	1%	Now	$13,500	LIFE	* *	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Masonry: Brick	5%	Now	$85,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Metal Panel	5%	4+	$57,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Marble Panels	4%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$53,600	
SGFT/Glazed Masonry	25%	4+	$200,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	23%			2037	* *	5	$117,600	
AcousTileSusp.Lay-In	10%			2049	* *	5	$51,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Cafeteria								
Exposed Struc: Concrete	15%	Now	$229,900	LIFE	* *	5	$12,000	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Sub-basement Under Pool								
Plaster	52%			LIFE	* *	5	$166,200	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2042	* *			
Iron Picket	23%			2052	* *			
Masonry: Brick	2%			2042	* *			
Retaining Walls								
Cast in Place Concrete	70%			2052	* *			
Masonry: Brick	30%	Now	$47,300	2042	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : At Entry Stair To Athletic Field								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,300	2037	* *			
Tripping Hazard, Extent : Severe, Area Affected : 1%								
Location : At Entrance By Dexter Court								
On-Site Walkways								
Cast in Place Concrete	90%			2037	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	80%	4+	$16,600	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : North Parking Area								
Cast in Place Concrete	20%			2037	* *			
Activity Yard								
Asphalt	100%			2035	* *			
Other Observation, Extent : N/A, Area Affected : 15%								
Location : West Side Of Building								
Explanation : Tennis Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	90%			2032	$585,200	5	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4,000 Ampere And One 3,500 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2032	$10,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$650,200	5	$1,500	
Raceway								
Conduit	100%			2032	$674,300	1		
Panelboards								
Fused Disc Sw	10%			2031	$63,900	5	$800	
Fused Toggle Switch	10%	Now	$63,900	2057	* *	5	$400	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Cellar And Basement								
Molded Case Bkrs	80%			2031	$510,900	5	$7,400	
Wiring								
Braided Cloth	70%	Now	$628,900	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2032	$269,500	1		
Motor Controllers								
Locally Mounted	50%			2037	* *	5	$1,200	
Motor Control Center	50%			2030	$727,100	5	$4,800	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	90%			2032	$4,713,300	10	$290,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2027	$124,800	10	$300	
Incandescent	2%			2027	$194,700	2	$200	
LED	5%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Egress Lighting								
Emergency, Battery	50%	Now	$147,400	2042	* *			
Not Functioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Building								
Exit, Service	50%			2027	$75,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	3%			2027	$49,200	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Mounted Parapet Lighting Fixtures								
Explanation : Under Construction								
LED	7%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior Walls								
No Component	90%							
Alarm								
Security System								
Generic	50%	Now	$131,900	2042	* *	1	$59,000	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Custodians Office								
Generic	50%			2040	* *	1	$65,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building Interior And Exterior								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$271,900	1-3	$66,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$108,800	
Conversion Equipment								
Steam Boiler	100%	Now	$1,531,100	2030	$3,062,100	1	$313,100	
Broken, Extent : Severe, Area Affected : 30%								
Location : Boiler Number 3 Has Leaky Tubes								
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Boiler Number 2								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement, Boilers And Auxiliary Equipment Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement								
Explanation : Three No.4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$56,300	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Pool Mechanical Room Steam Piping Due To Corrosion								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Steam And Condensate Return Piping Are Beyond Useful Life								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2027	$1,983,300	1	$65,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement East And West Fan Rooms, Air Handling Equipment Beyond Useful Life								
Convector/Radiator	40%			2030	$1,149,100	1	$45,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam Radiators Are Beyond Their Useful Life								
Fan Coil Unit/Heat	30%	0-2	$522,600	2027	$2,613,100	1	$30,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Unit Ventilators Have Multiple Mechanical And Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Unit Ventilators Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	20%			2032	$1,668,500			
Window/Wall Unit	65%			2030	$865,100	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$195,900	
Exhaust Fans								
Interior	100%			2027	$1,558,100	2	$10,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement East And West Fan Rooms, Exhaust Fans Are Beyond Their Useful Life								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2030	$4,485,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Domestic Hot And Cold Water Piping Beyond Useful Life Cycle Rating								
HW Heat Exchanger								
Steam Fired	100%	0-2	$34,000	2032	$1,698,800	4	$34,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Pool Equipment Room								
Damaged, Extent : Severe, Area Affected : 25%								
Location : Pool Equipment Room, Defective Hot Water Heat Exchanger								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Pool Equipment Room								
Not Insulated, Extent : Severe, Area Affected : 20%								
Location : Sub-basement, One Of Two Heat Exchanger Tanks Is Devoid Of Insulation								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Pool Equipment Room And Sub-basement Boiler Room, The Hot Water Heat Exchangers Are Beyond Their Useful Life								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$70,300	4	$11,100	
Pool Filter/Treatment								
Sand	100%			2045	* *	4		
Backflow Preventer								
Generic	100%			2037	* *	1	$21,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Passenger Units From Sub-basement To 4th Floor, 1 Freight Unit From Basement To 1st Floor								
Explanation : Two Passenger, One Freight. The Freight Is Abandoned In Place								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$9,800	
Chemical System								
No Component	97%							
Generic	3%			2027	$2,400	1-3	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Inspection Sticker Is Expired								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: FRANKLIN K. LANE HIGH SCHOOL -BK FIELDHOUSE AND TRACK		
Address	: 999 JAMAICA AVE. BTWN: ELDERT LA - DEXTER CT		
Borough	: BROOKLYN	**Agency's Number**	: N/A
Program / Asset #	: BOE0669.010 / 14769	**Yr Built/Renovated**	: 1945 /
Area Sq Ft	: 2,235	**Project Type**	: EDUCATION
Date of Survey	: 28-Jan-2022	**Landmark Status**	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 4094 **Lot** : 1	**BIN**	: 3090738

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$66,000	
Total	**$66,000**	
Importance Code A	$66,000	
Total	**$66,000**	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,300			
Interior Architecture	$28,300		$1,000	$3,600
Electrical	$500	$200	$200	$300
Mechanical	$900	$100	$300	$100
Total	**$48,800**	**$300**	**$1,500**	**$4,000**
Importance Code A	$19,400	$100	$100	$100
Importance Code B	$20,800	$200	$1,400	$900
Importance Code C	$8,700			$3,000
Total	**$48,800**	**$300**	**$1,500**	**$4,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK FIELDHOUSE AND TRACK
Asset # : 14769

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$15,900	
Masonry: Limestone	5%			LIFE	* *	5	$600	
Staining/Discoloring, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Windows								
Metal Louvers	100%			2036	* *	10		
Bent/Warped Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$7,900	
Masonry: Limestone	25%			LIFE	* *	5-10	$4,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$66,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Not Insulated, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Roof Penetrations, First Aid Office, Public Female Bathroom								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$2,900	
Ceramic Tile	40%			2042	* *	5	$1,300	
Quarry Tile	40%			2046	* *	5	$2,000	
Interior Walls								
Ceramic Tile	50%			2042	* *	5	$5,900	
Plaster	25%	Now	$7,200	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms And Boiler Room								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$1,500	
Ceilings								
Plaster	100%	Now	$18,100	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : First Aid Office, Female Bathroom And Boiler Room								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK FIELDHOUSE AND TRACK
Asset # : 14769

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	50%			2068	* *			
Masonry: Fieldstone	50%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$30,000	10	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2028	$3,300	10	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Locker Room Showers								
Explanation : T-9 Lamps								
Egress Lighting								
Emergency, Battery	60%			2033	$2,300	10	$300	
Exit, Battery	40%			2033	$1,300	10	$100	
Exterior Lighting								
HID	30%			2028	$3,100	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$4,200	1	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

FRANKLIN K. LANE HIGH SCHOOL -BK FIELDHOUSE AND TRACK

Asset # : 14769

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$5,800	1-3	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2033	$7,000	1	$1,100	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$2,000	
Ventilation								
Exhaust Fans								
Roof	50%			2033	$2,200	2		
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 100 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$100	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **GEORGE W. WINGATE HIGH SCHOOL-BK**		
Address	: **600 KINGSTON AVE. BTWN: RUTLAND RD., WINTHROP ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K470**
Program / Asset #	: **BOE0635.000 / 2523**	**Yr Built/Renovated**	: **1955 / 2007**
Area Sq Ft	: **303,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **4811** **Lot** : **1**	**BIN**	: **3107227**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,392,600	$513,600
Interior Architecture	$41,549,100	$1,549,800
Electrical	$78,200	$2,863,600
Mechanical	$1,214,600	$3,863,200
Site Pavements	$324,700	
Total	**$45,559,100**	**$8,790,200**
Importance Code A	$2,392,600	$513,600
Importance Code B	$42,751,300	$8,144,900
Importance Code C	$415,200	$131,700
Total	**$45,559,100**	**$8,790,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,500	$4,400		
Interior Architecture	$72,700		$22,500	$28,100
Electrical	$27,400	$34,400	$18,300	$16,900
Mechanical	$95,100	$53,800	$79,600	$50,600
Site Enclosure	$45,300			
Site Pavements	$38,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$300,700**	**$96,600**	**$124,300**	**$99,500**
Importance Code A	$47,500	$35,000	$30,000	$30,000
Importance Code B	$177,200	$61,500	$94,300	$69,500
Importance Code C	$76,000			
Total	**$300,700**	**$96,600**	**$124,300**	**$99,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%	Now	$371,300	LIFE	* *	5	$213,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 10% Location : At Gymnasium								
Metal/Glass Curt Wall	10%			LIFE	* *	5	$47,000	
Panel: Limestone	5%			LIFE	* *	5	$9,400	
Windows								
Aluminum	95%	Now	$1,621,600	2046	* *	5	$42,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25% Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10% Location : Throughout								
Glass Block	3%			LIFE	* *	5	$1,700	
Metal Louvers	2%			2039	* *	10	$11,200	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$163,900	
Masonry: Brick	50%			LIFE	* *	5	$22,700	
Metal Panel	5%			2050	* *	5	$8,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$28,500	
Roof								
IRMA/Protected Membrane	95%			2035	* *	10	$399,600	
Roll Roofing	5%			2029	$136,500	5	$35,100	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2029	$398,000	3	$33,800	
Cast in Place Concrete	5%			LIFE	* *	5	$49,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement And Mechanical Spaces								
Ceramic Tile	5%	Now	$63,400	2033	$1,268,900	5	$11,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%	4+	$42,100	LIFE	* *	5	$17,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entrance And Corridors								
Vinyl Tile	20%			2035	* *	3	$33,800	
Vinyl Tile 9" X 9"	50%	Now	$794,400	2025	$39,719,700	3	$84,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 2nd And 3rd Floor Corridors And Classrooms								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : 2nd And 3rd Floor Corridors And Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : 2nd And 3rd Floor Corridors And Classrooms								
Wood	4%	Now	$322,100	2058	* *	5	$16,900	
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Wood	6%			2058	* *	5	$50,600	

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$90,600	2039	* *	5	$16,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	50%			LIFE	* *	5	$131,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Operable Wall	2%	Now	$30,700	2050	* *	5	$23,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Explanation : Wall Damaged, Vinyl Cover Ripped And Torn.								
Plaster	15%			LIFE	* *	5	$29,600	
SGFT/Glazed Masonry	23%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$558,900	2050	* *	5	$43,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
AcousTileConcealSpLn	10%			2043	* *	5	$54,300	
Exposed Struc: Concrete	10%			LIFE	* *	5	$6,800	
Metal Panel	5%			LIFE	* *	5	$27,100	
Plaster	55%			LIFE	* *	5	$149,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2050	* *			
Iron Picket	60%	Now	$25,200	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : At Gates								
Free Standing Walls								
Masonry: Brick	100%	Now	$20,100	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Planters In Parking Lot								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Planters In Parking Lot								

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Concrete Masonry Unit	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$38,800	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	12%	0-2	$168,800	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	88%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	9%	Now	$155,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Dumpsters And Throughout								
Cast in Place Concrete	91%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Service Rated At 2,000 Amperes, One 600 Ampere For Emergency Lighting								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$1,300	
Raceway								
Conduit	80%			2030	$539,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	50%			2046	* *	5	$3,500	
Molded Case Bkrs	46%			2046	* *	5	$3,700	
Molded Case Bkrs	4%	0-2	$7,700	2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridor								
Explanation : Nuisance Tripping Of Circuit Breakers In Panel Lp1-b								

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%			2029	$449,200	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Upper Floors								
Thermoplastic	50%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room And Pipe Space								
Explanation : Two Grounding Bus Bars Found								
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$272,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	2%	Now	$8,400	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Auditorium And Gymnasium								
Explanation : Failed LED Modules								
Egress Lighting								
Emergency, Service	25%			2035	* *	1		
Emergency, Service	25%			2030	$46,700	1		
Emergency, Battery	25%			2035	* *	10	$18,300	
Emergency, Battery	25%			2030	$127,200	10	$18,300	
Exterior Lighting								
HID	90%			2030	$1,272,400	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Parapet Fixtures								
Explanation : Clouded Lens Guards								
HID	10%			2035	* *	10	$100	
Alarm								
Security System								
Generic	20%			2035	* *	1	$22,600	
Generic	80%			2038	* *	1	$90,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	Now	$78,200	2030	$156,300	1-3	$34,000	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Ground Floor Boiler Room								
Explanation : Trouble Signal Reports Heat Detector Malfunction. Custodian Reports Printer Not Functional.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$300,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$852,000	2040	* *	4	$14,900	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Steam Leaks From Traps On All Floors								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Live Steam Returns F And T And Steam Traps Have Been Replaced Couple Years Ago								
Terminal Devices								
Air Handler	20%	Now	$114,000	2030	$1,140,400	1	$33,700	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Fan Room								
Explanation : 2 With Leaks								
Convector/Radiator	75%	Now	$37,200	2035	* *	1	$66,100	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms, There Are Defective Thermostats								
Fan Coil Unit/Heat	5%			2030	$375,600	1	$4,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2030	$763,600	2	$2,800	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Window/Wall Unit	15%	0-2	$3,400	2025	$172,200	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Various Classrooms, There Are Defective Room Air Conditioning Units								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$169,000	
Exhaust Fans								
Interior	90%			2030	$1,209,500	2	$8,400	
Roof	10%			2030	$58,800	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%	Now	$15,500	2035	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Corroded Water Main Valve At A Wing Tunnel								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Two 300 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%	Now	$76,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Clogged Floor Drain In Cafeteria And At Wing A Tunnel Exit.3								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Explanation : Leaks In Water Fountain Drains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$6,400	
Sewage Ejector(s)								
Electric	100%			2030	$158,600	4	$12,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$4,200	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Installed In Room C105 And Not In The Kitchen								
Explanation : 1 Set Unit								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **GEORGE WASHINGTON EDU. CAMPUS**		
Address	: **549 AUDUBON AVE BTWN: WEST 192 ST., WEST 193 S**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M465**
Program / Asset #	: **BOE0127.000 / 1621**	**Yr Built/Renovated**	: **1925 / 2006**
Area Sq Ft	: **323,098**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,Ph**		
Block	: **2160** **Lot** : **18**	**BIN**	: **1076751**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$7,725,500	$1,068,000
Interior Architecture	$917,000	$7,896,400
Electrical	$1,478,300	$1,164,900
Mechanical	$5,074,300	$8,276,200
Site Enclosure	$139,100	
Site Pavements		$2,188,500
Total	**$15,334,100**	**$20,594,000**
Importance Code A	$8,007,100	$3,925,300
Importance Code B	$7,230,500	$13,820,900
Importance Code C	$96,500	$2,847,800
Total	**$15,334,100**	**$20,594,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$30,700	$17,700		
Interior Architecture	$65,400	$20,900		$16,300
Electrical	$43,700	$49,400	$11,700	$9,100
Mechanical	$61,900	$53,700	$177,500	$51,900
Site Enclosure	$22,500			
Site Pavements	$145,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$377,100**	**$149,700**	**$197,100**	**$85,200**
Importance Code A	$30,700	$50,400	$32,000	$32,000
Importance Code B	$236,800	$99,300	$165,100	$53,200
Importance Code C	$109,600			
Total	**$377,100**	**$149,700**	**$197,100**	**$85,200**

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Masonry: Brick	80%	Now	$373,400	LIFE	* *		5	$226,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Efflorescence, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Sidewalk Shed in Use, Extent : Light, Area Affected : 45%									
Location : South And East Side									
Masonry: Fieldstone	5%	0-2	$72,400	LIFE	* *		5	$10,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : Throughout									
Pre-Cast Concrete	10%			LIFE	* *		5	$92,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Stucco Cement	5%			2035	* *		5	$35,400	
Windows									
Glass Block	10%	Now	$110,700	LIFE	* *		5	$6,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Steel	90%	Now	$4,140,400	2055	* *		5	$573,800	
Air Infiltration, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%									
Location : Elevator Shaft									
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Deteriorated Finish, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Library									
Parapets									
Masonry: Brick	75%	Now	$358,500	LIFE	* *		5	$56,600	
Efflorescence, Extent : Moderate, Area Affected : 30%									
Location : Interior Face									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Interior Face									
Pre-Cast Concrete	25%	Now	$30,700	LIFE	* *		5	$118,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%									
Location : Coping At Parapet Over Main Entrance									
Loose/Delam Surface, Extent : Severe, Area Affected : 2%									
Location : Coping At Parapet Over Main Entrance									

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	92%	2-4	$127,100	2025	$2,542,900			
Debris Present, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Above Room 338								
Copper/Terne	5%			2058	* *	10	$29,600	
Skylight, Metal/Glass	3%			2040	* *	10	$23,700	
Soffits								
Masonry: Brick	100%			LIFE	* *	5		
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Main Entrance								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$211,600	
Ceramic Tile	5%	Now	$136,300	2033	$1,363,300	5	$12,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Bathrooms Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boys Pool								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Boys Pool								
Mosaic Tile	1%			2043	* *	5	$12,100	
Marble Panels	2%			LIFE	* *	5	$7,300	
Vinyl Tile	27%	4+	$180,400	2030	$3,607,100	3	$49,000	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Throughout								
Wood	45%	4+	$259,600	2045	* *	5	$204,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	3%	Now	$96,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Pool Wall								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room B15								
Ceramic Tile	10%			2033	$2,327,200	5	$42,300	
Glass: Single Pane	3%	Now	$38,500	LIFE	* *	5	$9,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Gypsum Board	10%			LIFE	* *	5	$25,400	
Masonry: Brick	12%			LIFE	* *			
Plaster	37%			LIFE	* *	5	$47,000	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	0-2	$27,000	2035	* *	5	$20,900	
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
AcousTileSusp.Lay-In	10%			2035	* *	5	$41,900	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	5%	Now	$62,700	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 55%								
Location : Boys Pool Area In Sub-basement								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Sub-basement								
Spalling, Extent : Moderate, Area Affected : 55%								
Location : Boys Pool Area In Sub-basement								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Boys Pool Area In Sub-basement								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Sub-basement								
Explanation : Temporary Supports Installed Below Ceiling								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	65%	Now	$165,500	LIFE	* *	5	$170,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Along Windows At 5th Floor Classrooms								
Plaster	5%	Now	$15,900	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Main Entrance								
Explanation : Decorative Plaster								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Athletic Field								
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Throughout Athletic Field								
Iron Picket	35%	Now	$12,000	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Main Entrance And Throughout								
Masonry: Brick	5%	Now	$10,400	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Along Audubon Avenue								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Along Audubon Avenue								

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	20%			2050	* *			
Masonry: Fieldstone	80%	Now	$139,100	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Around Athletic Field								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Around Athletic Field								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$40,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$22,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Northwest Entrance And Throughout								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	75%	Now	$26,000	2033	$520,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout North Lot								
Cast in Place Concrete	25%			2035	* *			
Activity Yard								
Asphalt	50%	Now	$38,200	2033	$764,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Athletic Field								
Rubber Matting	50%	Now	$18,100	2030	$903,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Athletic Field								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2030	$41,100	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 6,000 Amperes								
Fused Disc Sw	40%			2040	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes								
Fused Disc Sw	20%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	30%			2030	$195,100	5	$400	
Fused Disc Sw	70%			2040	* *	5	$1,000	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$700	
Fused Knife Sw	5%	2-4	$31,900	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	20%			2046	* *	5	$1,700	
Molded Case Bkrs	65%			2029	$415,100	5	$5,500	
Wiring								
Braided Cloth	75%	2-4	$673,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$362,900	5	$2,200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$290,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Observed								

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2025	$271,200	10	$39,000	
Exit, Service	50%			2025	$69,700	1		
Exterior Lighting								
HID	10%			2030	$150,800	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Perimeter								
Explanation : Controlled Via Timer								
Incandescent	10%			2025	$173,200	2	$100	
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 100%								
Location : Entry Ornamental Fixtures								
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Entry								
Explanation : Controlled Via Timer								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$36,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$59,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2040	* *	5	$100,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Two 15,000 Gallon Tanks For No. 4 Fuel								
Conversion Equipment								
Steam Boiler	100%	Now	$281,600	2028	$2,816,200	1	$288,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations, Defective Low Pressure Steam Regulator								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Sub-basement Mezzanine Level								
Explanation : Two No. 4 Oil Burning Medium Pressure Steam Boilers, Two Coal Fired Boilers Abandoned In Place								

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$517,500	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout, Leaky Steam Supply And Condensate Return Lines.								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Fuel Oil Pump Set								
Terminal Devices								
Air Handler	50%	Now	$1,216,000	2030	$3,040,100	1	$89,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Pool Equipment Room, Third Floor Fan Rooms, And Auditorium Fan Room								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Air Handling Units								
Explanation : Thermostatic Control Of Valves Faulty Due To Pneumatic System								
Convector/Radiator	50%	Now	$66,100	2028	$1,321,000	1	$47,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout, Defective Climate Controls, Leaky Radiator Traps.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%	Now	$23,800	2030	$238,300	1	$6,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Roof, Defective Controls								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Third Floor Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Roof								
Explanation : Packaged Air Cooled Chiller, Serves Cafeteria								
Split Unit	5%			2030	$383,600			
Window/Wall Unit	80%			2025	$979,200	1		
No Component	10%							

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	5%			2050	* *	4	$800	
Ductwork/Diffusers	95%			LIFE	* *	2	$399,300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : North And South Pool Ductwork.								
Terminal Devices								
Air Handler/Cool/Ht	5%			2030	$282,100	1	$10,000	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2035	* *	2	$11,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Unit Serves Chiller								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$283,800	LIFE	* *	2-5	$180,200	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Basement								
Exhaust Fans								
Interior	50%	4+	$716,500	2040	* *	2	$4,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Pools Equipment Rooms, Third Floor, Fifth Floor Fan Rooms And Auditorium Fan Room								
Roof	50%	4+	$313,500	2040	* *	2	$4,000	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$412,500	2035	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Backflow Preventer. Water Service Valve Corroded.								

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	0-2	$156,200	2040	* *	4	$31,900	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Domestic Hot Water Tank Lining. Basement								
On Extended Life, Extent : Moderate, Area Affected : 70%								
Location : Basement Pool Equipment Room								
Sanitary Piping								
Cast Iron	100%	Now	$81,400	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Room B15, Pool Equipment Room And Various Other Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$22,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : West Central Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	Now	$12,900	2030	$64,700	4	$6,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement, Defective Sump Pump								
Pool Filter/Treatment								
Activated Carbon	100%			2028	$100	4		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Two Pools, One Not In Service. South Pool Isolation Valve Corroded.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$9,000	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Partial Sprinkler								
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON EDU. CAMPUS
Asset # : 1621

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **GEORGE WESTINGHOUSE H.S. - BK**
Address : **105 JOHNSON ST. @TILLARY AND BRIDGE STREETS**
Borough : **BROOKLYN**
Agency's Number : **K580**
Program / Asset # : **BOE0646.000 / 1209**
Yr Built/Renovated : **1908 / 2000**
Area Sq Ft : **244,000**
Project Type : **EDUCATION**
Date of Survey : **21-Feb-2019**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **131** **Lot** : **1** **BIN** : **3348044**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$128,800	$282,500
Interior Architecture	$1,928,900	$3,679,100
Electrical	$1,940,900	$1,612,100
Mechanical	$628,400	$5,796,800
Total	**$4,627,000**	**$11,370,500**
Importance Code A	$245,300	$282,500
Importance Code B	$4,330,800	$11,088,000
Importance Code C	$50,900	
Total	**$4,627,000**	**$11,370,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,700		$37,800	
Interior Architecture	$53,000			$26,800
Electrical	$95,500	$31,300	$4,400	$3,400
Mechanical	$107,100	$84,700	$67,100	$33,900
Site Enclosure	$3,400			
Site Pavements	$5,100			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$297,700**	**$123,900**	**$117,100**	**$71,900**
Importance Code A	$25,700	$24,700	$61,900	$24,200
Importance Code B	$260,900	$99,200	$55,200	$47,800
Importance Code C	$11,000			
Total	**$297,700**	**$123,900**	**$117,100**	**$71,900**

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DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$149,000	
Masonry: Brick	70%			LIFE	* *	5	$133,500	
Granite Panels	5%	0-2	$25,700	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Stucco Cement	15%			2043	* *	5	$71,500	
Windows								
Aluminum	100%			2046	* *	5	$75,500	
Parapets								
Cast Stone/Terra Cotta	13%			LIFE	* *	5	$34,100	
Masonry: Brick	65%			LIFE	* *	5	$22,000	
Metal Rail	5%			2043	* *	5-10	$30,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,300	
Stucco Cement	15%			2043	* *	5	$13,100	
Roof								
Built-Up (BUR)	95%			2035	* *	10	$128,800	
Copper/Terne	5%			2058	* *	10	$16,900	
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$64,200	
Ceramic Tile	5%			2043	* *	5	$14,700	
Ceramic Tile	5%	4+	$45,300	2039	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	2-4	$75,100	LIFE	* *	5	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%	Now	$710,200	2030	$3,550,800	3	$44,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : 1908 Wing Stairs								
Vinyl Tile	33%	0-2	$58,600	2035	* *	3	$36,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Wood	2%			2058	* *	5	$11,000	

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DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	$15,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$12,300	
Glass: Single Pane	5%	4+	$50,900	LIFE	* *	5	$11,500	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$41,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	2-4	$1,034,200	2050	* *	5	$36,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor In 1962 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor In 1962 Wing								
AcousTileConcealSpLn	10%			2043	* *	5	$36,700	
Exposed Struc: Concrete	25%			LIFE	* *	5	$11,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2035	* *			
Plaster	35%			LIFE	* *	5	$64,200	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$3,400	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Black Iron Fencing Requires Painting								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$5,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Sidewalk Along Tech Place Cracking / Crumbling								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	5%			2050	* *	5	$100	
Molded Case Bkrs	95%			2040	* *	5	$6,100	

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DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2030	$664,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$300	
Molded Case Bkrs	90%			2029	$629,500	5	$5,800	
Molded Case Bkrs	5%			2046	* *	5	$300	
Wiring								
Braided Cloth	30%	2-4	$295,200	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	60%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$317,900	5	$1,300	
Locally Mounted	20%	2-4	$47,700	2050	* *	5	$200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main In Basement								
Explanation : Grounding Is In Satisfactory Condition.								
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$219,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps Fixtures Were Replaced With T-8 Lamps Type Fixtures 4 Years Ago.								
LED	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Light Fixtures Were Installed In The Gymnasium About Four Years Ago.								
Egress Lighting								
Emergency, Battery	40%			2025	$179,400	10	$23,600	
Exit, Service	60%	0-2	$41,500	2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Most Exit Lights Are Old And Beyond Their Useful Life.								
Exterior Lighting								
HID	100%			2025	$1,246,900	10	$700	
Alarm								
Security System								
No Component	85%							
Generic	15%			2038	* *	1	$13,700	

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DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	85%							
Generic, Analog	15%			2035	* *	1-3	$22,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$75,600	
Conversion Equipment								
Steam Boiler	100%	Now	$116,500	2035	* *	1	$217,500	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : 4 Units. No. 4 Boiler Is Malfunctioning								
Distribution								
Steam Piping/Pump	100%	Now	$107,000	2040	* *			
Controller Not Working, Extent : Severe, Area Affected : 25%								
Location : Pneumatic Valves In Classrooms								
Obsolete Equipment, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pumps In Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout The Building								
Terminal Devices								
Air Handler	15%			2030	$754,300	1	$22,600	
Convector/Radiator	80%			2028	$1,748,200	1	$63,000	
Fan Coil Unit/Heat	5%			2030	$331,300	1	$3,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2030	$449,000	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Unit								
Explanation : Serves The Kitchen								
Window/Wall Unit	40%			2025	$404,900	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$136,100	
Exhaust Fans								
Interior	20%			2030	$237,000	2	$1,500	
Roof	80%	Now	$41,500	2030	$414,800	2	$4,800	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Toilet Exhaust Fan								

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DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%	4+	$18,700	2030	$18,700	2		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2030	$1,292,200	4	$24,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	0-2	$8,200	2025	$8,200	4	$5,200	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	Now	$28,000	2030	$139,900	4	$9,700	
Broken, Extent : Severe, Area Affected : 30%								
Location : 1 Of 3 Pumps								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement To 1st Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$369,600	1-2	$6,800	
Chemical System								
No Component	95%							
Generic	5%			2025	$4,500	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **GRACE H. DODGE HIGH SCHOOL - BX**		
Address	: **2474 CROTONA AVE. @ E.189 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X660**
Program / Asset #	: **BOE0336.000 / 2604**	**Yr Built/Renovated**	: **1925 / 2010**
Area Sq Ft	: **139,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3104** **Lot** : **7**	**BIN**	: **2012887**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$695,400	$879,700
Interior Architecture	$466,800	$9,437,600
Electrical		$322,500
Mechanical	$866,300	$3,091,300
Site Pavements	$170,700	
Total	**$2,199,200**	**$13,731,200**
Importance Code A	$695,400	$879,700
Importance Code B	$1,237,600	$12,785,800
Importance Code C	$266,200	$65,600
Total	**$2,199,200**	**$13,731,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$166,100		$9,100	
Interior Architecture	$149,300		$24,900	$15,700
Electrical	$49,300	$13,200	$15,700	$13,000
Mechanical	$206,700	$56,700	$68,200	$100,400
Site Enclosure	$3,400			
Site Pavements	$1,900			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$581,700**	**$74,800**	**$122,800**	**$134,000**
Importance Code A	$179,900	$13,800	$22,900	$13,800
Importance Code B	$366,700	$61,100	$100,000	$111,100
Importance Code C	$35,100			$9,100
Total	**$581,700**	**$74,800**	**$122,800**	**$134,000**

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DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$78,500	
Masonry: Brick	55%	Now	$454,900	LIFE	* *	5	$55,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : At Window Heads In Various Locations								
Masonry: Brick Cavity	25%			LIFE	* *	5	$50,200	
Masonry: Granite	5%			LIFE	* *	5	$7,500	
Masonry: Limestone	5%			LIFE	* *	5	$7,500	
Metal Panel	5%			2053	* *	5-10	$34,500	
Windows								
Aluminum	98%	4+	$169,900	2049	* *	5	$8,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Louvers	2%			2036	* *	10	$2,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$35,200	
Masonry: Brick	55%			LIFE	* *	5-10	$46,700	
Masonry: Brick Cavity	25%			LIFE	* *	5-10	$21,200	
Masonry: Limestone	5%			LIFE	* *	5-10	$7,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,800	
Roof								
Built-Up (BUR)	95%			2028	$824,500	10	$70,600	
Metal Panel	5%			2046	* *	10	$6,800	
Soffits								
Stucco Cement	100%			2038	* *	5	$600	
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$35,700	LIFE	* *	5	$45,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Foundation Wall At Boiler Room								
Ceramic Tile	5%	Now	$29,600	2042	* *	5	$5,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Boys And Girls Toilet Room, Kitchen								
Terrazzo	5%	4+	$19,600	LIFE	* *	5	$8,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Lobby Area								
Vinyl Tile	50%			2038	* *	3	$39,400	
Vinyl Tile 9" X 9"	25%			2028	$9,267,000	3	$26,300	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 3rd Floor Classrooms								
Wood	5%			2048	* *	5	$19,700	

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DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$91,100	
Ceramic Tile	5%			2042	* *	5	$18,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$29,200	
Masonry: Brick	6%			LIFE	* *	10	$6,600	
Operable Wall	2%			2053	* *	5	$25,500	
Marble Panels	2%			LIFE	* *	10	$2,900	
Plaster	60%			LIFE	* *	5-10	$185,800	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$9,100	
Ceilings								
AcousTileConcealSpLn	5%			2046	* *	5	$13,100	
AcousTileSusp.Lay-In	5%			2046	* *	5	$10,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Protected By Netting Against Impacts								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$13,100	
Metal Panel	5%			LIFE	* *	5	$26,300	
Plaster	80%	Now	$255,500	LIFE	* *	5	$105,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Window Heads At Exterior Walls								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Various Window Heads At Exterior Walls								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2043	* *			
Iron Picket	30%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$3,400	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : North Parking Area At West Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$115,800	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations At Rear Or East Side Of Property								
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Masonry: Granite	5%	4+	$1,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Entry Steps To Building Addition								
Parking/Driveway								
Asphalt	85%			2036	* *			
Cast in Place Concrete	15%	Now	$54,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Loading Dock Area								

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DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 1,200 Amperes Each								
Fused Disc Sw	30%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Service Switch Rated At 400 Amperes For Emergency Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	50%			2033	$144,400	1		
Conduit	50%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	90%			2049	* *	5	$3,300	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2050	* *	5	$500	
Locally Mounted	30%			2031	$54,400	5	$300	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$2,000	
Generic	50%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$121,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$2,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : First Floor								
LED	3%			2038	* *			

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DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	20%			2041	* *	1		
Emergency, Battery	30%			2038	* *	10	$10,100	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	10%	Now	$32,400	2038	* *			
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Building Perimeter								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$800	
Alarm								
Security System								
Generic	100%			2038	* *	1	$51,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$85,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$43,100	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$137,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%	0-2	$556,500	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Basement. Condensate Pump Leaking And Condensate Return Piping								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								

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DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%	0-2	$39,200	2033	$392,400	1	$11,600	
Controller Not Working, Extent : Moderate, Area Affected : 15%								
Location : Defective Controller Of Auditorium Air Handler								
Convector/Radiator	85%			2031	$966,100	1	$38,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$105,300	2028	$210,600	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$122,700	
Exhaust Fans								
Interior	100%	0-2	$61,600	2028	$616,500	2	$3,400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Supply Fan Broken								
Plumbing								
H/C Water Piping								
Brass/Copper	80%	0-2	$142,800	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Domestic Water Tank Leaking								
Galvanized Steel	20%	Now	$17,700	2031	$354,900	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Booster Pumps								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 175 Gallons Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$5,600	2033	$27,800	4	$2,900	
Broken, Extent : Moderate, Area Affected : 25%								
Location : Basement. One Pump Is Broken								
Backflow Preventer								
No Component	50%							
Generic	50%			2038	* *	1	$4,300	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : 1st To 5th Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 1 Unit. Elevator Is Not Working.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$2,000	
Chemical System								
Generic	100%			2028	$550,800	1-3	$546,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System 135 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **GRAND ST. EDUCATIONAL CAMPUS -BK**		
Address	: **850 GRAND STREET @BUSHWICK AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K450**
Program / Asset #	: **BOE0630.000 / 1227**	**Yr Built/Renovated**	: **1981 /**
Area Sq Ft	: **476,798**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Dec-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3016** **Lot** : **1**	**BIN**	: **3325733**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,312,200	$9,950,100
Interior Architecture		$20,416,900
Electrical	$4,915,900	$12,786,600
Mechanical	$8,654,200	$15,328,400
Total	**$15,882,400**	**$58,482,000**
Importance Code A	$6,468,100	$10,073,400
Importance Code B	$9,414,300	$48,282,700
Importance Code C		$125,900
Total	**$15,882,400**	**$58,482,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,300			$8,600
Interior Architecture	$98,100		$58,000	$83,900
Electrical	$99,600	$77,700	$110,300	$92,500
Mechanical	$133,700	$96,900	$143,200	$96,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$371,600**	**$182,400**	**$319,400**	**$289,800**
Importance Code A	$79,500	$47,200	$47,200	$55,800
Importance Code B	$292,100	$135,200	$272,100	$233,900
Importance Code C				
Total	**$371,600**	**$182,400**	**$319,400**	**$289,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	68%			LIFE	* *	5	$176,400	
Metal Coiling Doors	2%			2033	$554,200	5	$16,200	
Pre-Cast Concrete	30%	Now	$282,300	LIFE	* *	5	$253,000	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Windows								
Aluminum	98%	Now	$966,400	2036	* *	5	$33,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Room 217 Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Louvers	2%			2037	* *	10	$8,600	
Parapets								
Masonry: Brick	55%			LIFE	* *	5	$19,300	
Metal Panel	5%	Now	$14,300	2048	* *	5	$3,400	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Coping At Mechanical Room								
Pre-Cast Concrete	40%			LIFE	* *	5	$88,100	
Roof								
Copper/Terne	5%			2056	* *	10	$54,000	
IRMA/Protected Membrane	85%	Now	$869,200	2028	$8,692,200			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Mechanical Rooms								
Roll Roofing	5%			2024	$140,300	5	$36,000	
Traffic Topping	5%			2033	$186,200	10	$36,000	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$109,300	
Ceramic Tile	5%			2037	* *	5	$35,700	
Panel/Paver: Cer/Brk	4%			2044	* *	5	$64,200	
Vinyl Tile	72%			2033	$14,194,600	3	$256,900	
Vinyl Tile	2%			2036	* *	3	$7,100	
Wood	6%			2056	* *	5	$80,300	
Wood	4%			2043	* *	5	$53,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	30%			LIFE	* *	5	$53,000	
Glass: Single Pane	2%			LIFE	* *	5	$6,600	
Masonry: Brick	5%			LIFE	* *			
Operable Wall	3%			2048	* *	5	$46,400	
Plaster	55%			LIFE	* *	5	$72,900	
Ceilings								
AcousTile,Adhered	25%			2033	$5,741,900	5	$178,400	
AcousTileSusp.Lay-In	5%			2041	* *	5	$35,700	
Exposed Struc: Concrete	60%			LIFE	* *	5	$66,900	
Water Penetration, Extent : Light, Area Affected : 25%								
Location : Rooms 432, 436, 442								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$22,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2028	$92,500	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 4,000 Ampere Main Disconnect Switches								
Fused Disc Sw	20%			2028	$30,800	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2048	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2026	$26,700	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : 150 Kilovolt-ampere, 208v Pri - 480/277v Sec								
Switchgear / Switchboard								
Fused Disc Sw	90%			2028	$877,800	5	$1,800	
Fused Disc Sw	10%			2048	* *	5	$200	
Raceway								
Conduit	95%			2028	$960,800	1		
Conduit	5%			2048	* *	1		

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DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	95%			2027	$929,000	5	$11,900	
Molded Case Bkrs	5%			2044	* *	5	$600	
Wiring								
Thermoplastic	95%			2028	$1,280,300	1		
Thermoplastic	5%			2048	* *	1		
Motor Controllers								
Locally Mounted	30%			2026	$163,300	5	$1,000	
Motor Control Center	70%			2026	$1,526,800	5	$9,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$146,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two Automatic Transfer Switches								
Generators								
Diesel	100%			2037	* *	1	$184,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 385 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$17,700	
Fuel Storage								
Main Tank	100%			2056	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	86%			2033	$6,112,500	10	$376,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	10%			2033	$710,800	10	$43,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby And Hallways								
Explanation : Compact Fluorescent Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Service	60%			2033	$176,200	1		
Exit, Service	5%			2038	* *	1		
Exit, Service	35%			2024	$72,000	1		
Exterior Lighting								
HID	100%			2024	$2,224,800	10	$1,500	

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DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$895,100	1	$178,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$1,229,900	1-3	$302,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2038	* *	5	$147,700	
Conversion Equipment								
Steam Boiler	100%			2026	$4,155,900	1	$472,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$190,900	2038	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement Fan Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	50%	Now	$89,700	2028	$4,486,300	1	$132,700	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Axle Of The Air Handler For Gymnasium								
Convector/Radiator	40%			2026	$1,559,600	1	$61,600	
Fan Coil Unit/Heat	10%			2024	$1,182,100	1	$15,400	
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2028	$703,400	1	$22,100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Split Unit	15%			2033	$1,698,300			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Roof								
Explanation : 10 Units. R-410a								
Window/Wall Unit	60%	0-2	$54,200	2024	$1,083,800	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various								
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2028	$786,400	1	$29,500	
Fan Coil - 2 Pipe	15%			2033	$1,854,600	1	$23,100	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2028	$117,300	2	$33,200	
Evaporative Condenser	15%			2033	$319,200	2	$49,800	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$265,900	
Exhaust Fans								
Interior	70%			2028	$1,480,300	2	$10,200	
Roof	30%	Now	$13,900	2028	$277,500	2	$3,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Boys And Girls Restrooms								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$122,500	2038	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Booster Pump In Basement Room # 85								
HW Heat Exchanger								
Steam Fired	100%			2028	$2,305,600	4	$70,700	
Sanitary Piping								
Cast Iron	100%	Now	$120,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Sink In Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2024	$95,500	4	$15,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2028	$249,600	4	$28,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 4th Floor, 1 Unit From 1st To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2038	* *	1-5	$240,400	
Sprinkler								
No Component	90%							
Generic	10%			2028	$659,400	1-2	$13,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **GREGORIO LUPERON H.S. - M**		
Address	: **2120 AMSTERDAM AVE. @ W.165 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M876**
Program / Asset #	: **BOE1067.000 / 14413**	**Yr Built/Renovated**	: **2008 /**
Area Sq Ft	: **52,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **2123** **Lot** : **45**	**BIN**	: **1085733**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$62,000	$144,700
Mechanical		$1,823,700
Total	**$62,000**	**$1,968,300**
Importance Code B		$1,968,300
Importance Code C	$62,000	
Total	**$62,000**	**$1,968,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$76,400			
Interior Architecture	$45,800		$5,100	$2,700
Electrical	$6,300	$4,900	$6,200	$4,900
Mechanical	$39,100	$41,700	$26,200	$22,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$175,500**	**$54,500**	**$45,400**	**$37,700**
Importance Code A	$79,000	$2,600	$2,600	$2,600
Importance Code B	$81,100	$51,900	$42,800	$35,100
Importance Code C	$15,400			
Total	**$175,500**	**$54,500**	**$45,400**	**$37,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$44,200	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : South West Corner								
Metal Panel	15%			2053	* *	5-10	$35,100	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : South And East Sides								
Pre-Cast Concrete	15%			LIFE	* *	5	$33,200	
Window Wall	5%			2043	* *	5	$6,400	
Windows								
Aluminum	100%			2049	* *	5	$1,800	
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Third Floor Classrooms								
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	$3,200	
Metal Panel	15%			2043	* *	5	$700	
Pre-Cast Concrete	5%			LIFE	* *	5	$700	
Stucco Cement	40%			2038	* *	5	$1,200	
Roof								
IRMA/Protected Membrane	100%	Now	$33,700	2038	* *			
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Insul Miss/Displaced, Extent : Light, Area Affected : 2%								
Location : At Roof Drain								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Upper Roof								
Soffits								
Cement - Fiber Panel	25%			2033		10		
Metal Panel	75%			2043	* *	5-10		
Interior								
Floors								
Carpet	5%	4+	$2,700	2029	$26,800	3	$2,300	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$13,300	
Ceramic Tile	15%			2036	* *	5	$4,500	
Traffic Topping	10%			2033	$144,700	5	$3,800	
Vinyl Tile	50%	4+	$8,400	2038	* *	3	$5,700	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : Discoloration And Staining								
Wood	10%			2061	* *	5	$5,700	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Gymnasium								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%	4+	$12,400	2036	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,000	
Gypsum Board	75%			LIFE	* *	5-10	$95,800	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : 3rd Floor Classrooms								
Ceilings								
AcousTileSusp.Lay-In	80%			2038	* *	5	$24,300	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout 4th Floor								
Exposed Struc: Steel	10%			LIFE	* *	10	$6,100	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Gymnasium								
Gypsum Board	10%			LIFE	* *	5-10	$10,400	
Site Enclosure								
Fence/Gates								
Aluminum Picket	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,500 Ampere Main Disconnect Switches								
Fused Disc Sw	25%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	25%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch For Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	78%			2038	* *	10	$37,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2038	* *	10	$9,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors, Stairs, Lobby, Gymnasium, Multipurpose Room								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$6,300	
Exit, Battery	50%			2038	* *	10	$1,800	
Exterior Lighting								
Fluorescent	3%			2038	* *	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
LED	7%			2038	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$300	
Alarm								
Security System								
Generic	50%			2038	* *	1	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$32,000	

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DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	100%			2038	* *	1	$25,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Units								
Controls								
Digital	100%			2031	$1,493,500			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2038	* *	2	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Split Unit	10%			2038	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,900	
Exhaust Fans								
Roof	100%			2038	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$85,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : Two 180 Gallon Tanks. Quantity 5								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Fourth Floor								
Explanation : 2 Units								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$14,600	
Fire Pump								
Generic	100%			2042	* *	1	$9,700	
Chemical System								
Generic	100%			2031	$244,800	1-3	$223,200	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Hood Is 60 Square Feet							

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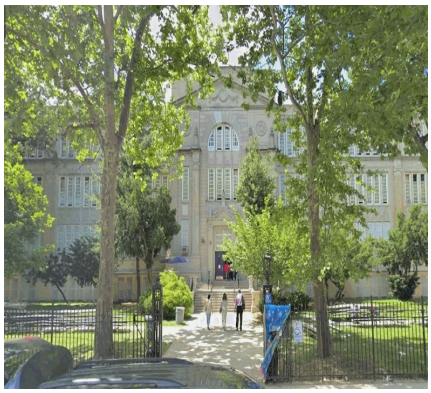
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **GROVER CLEVELAND HIGH SCHOOL - Q**		
Address	: **21-27 HIMROD STREET @GRANDVIEW AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q485**
Program / Asset #	: **BOE0886.000 / 1478**	**Yr Built/Renovated**	: **1931 / 2010**
Area Sq Ft	: **276,150**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Sep-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3363** **Lot** : **1**	**BIN**	: **4080227**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$287,300	$1,003,300
Interior Architecture	$14,957,700	$4,557,100
Electrical	$286,500	$7,237,900
Mechanical	$3,984,900	$7,454,200
Total	**$19,516,500**	**$20,252,500**
Importance Code A	$287,300	$1,106,100
Importance Code B	$19,069,100	$19,074,500
Importance Code C	$160,000	$71,900
Total	**$19,516,500**	**$20,252,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$38,100
Interior Architecture	$29,300	$16,800		$81,500
Electrical	$24,500	$9,300	$11,600	$36,200
Mechanical	$80,500	$48,400	$59,300	$52,900
Site Enclosure	$3,400			
Site Pavements	$75,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$216,700**	**$78,500**	**$74,900**	**$212,800**
Importance Code A	$27,300	$27,300	$27,300	$66,100
Importance Code B	$164,000	$34,300	$47,600	$146,700
Importance Code C	$25,400	$16,800		
Total	**$216,700**	**$78,500**	**$74,900**	**$212,800**



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DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$627,000	
Copper/Terne	3%			2052	* *	10	$18,800	
Masonry: Brick	65%			LIFE	* *	5	$173,900	
Metal Panel	2%			2042	* *	5-10	$36,800	
Windows								
Aluminum	100%	Now	$225,500	2048	* *	5	$47,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Classrooms								
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$9,300	
Masonry: Brick Cavity	95%			LIFE	* *	5	$22,900	
Roof								
Built-Up (BUR)	90%			2040	* *	10	$202,400	
Copper/Terne	5%			2067	* *	10	$28,100	
Skylight, Plastic	5%	Now	$61,900	2037	* *	1		
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Pool								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$92,700	
Mosaic Tile	5%			2037	* *	5	$53,000	
Quarry Tile	3%	Now	$18,700	2037	* *	5	$9,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Sheet Vinyl/Rubber	1%	Now	$138,600	2042	* *	5	$3,200	
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium Elevated Track								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Gymnasium Elevated Track								
Terrazzo	5%			LIFE	* *	5	$16,500	
Vinyl Tile	35%	0-2	$81,900	2032	$4,096,000	3	$55,600	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Offices								
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Corridors								
Vinyl Tile 9" X 9"	19%	Now	$284,100	2027	$14,205,700	3	$30,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Administration Offices								
Wood	22%			2047	* *	5	$174,700	

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DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$79,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room And Pool Filter Room								
Ceramic Tile	8%			2035	* *	5	$33,600	
Cracking/Crumbling, Extent : Light, Area Affected : 3%								
Location : Showers And Pool								
Masonry: Brick	5%	Now	$80,100	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler And Furnace Room								
Metal: Cage/Fence	5%	Now	$10,600	LIFE	* *			
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 1%								
Location : Basement Landing								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Around Stairwells								
Explanation : Wire Metal Cages And Metal Panels								
Marble Panels	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$71,900	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	$53,000	
Exposed Struc: Concrete	10%			LIFE	* *	5	$6,600	
Metal Panel	1%			LIFE	* *	5	$5,300	
Plaster	79%			LIFE	* *	5	$209,200	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2042	* *			
Iron Picket	30%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	100%	4+	$3,400	2067	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Baseball Outfield								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$46,100	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	0-2	$11,400	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parking Lot And Driveway								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Activity Yard								
Asphalt	100%	2-4	$17,600	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Tennis Court								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$102,800	5	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated 3,000 Amperes And 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$650,200	5	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Seven Vertical Sections								
Raceway								
Conduit	70%			2032	$472,000	1		
Conduit	30%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$31,900	5	$300	
Fused Disc Sw	4%			2048	* *	5	$300	
Fused Toggle Switch	1%	2-4	$6,400	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	30%			2040	* *	5	$2,200	
Molded Case Bkrs	60%			2031	$383,200	5	$4,400	
Wiring								
Thermoplastic	30%			2042	* *	1		
Thermoplastic	70%			2032	$628,900	1		
Motor Controllers								
Locally Mounted	50%			2030	$181,400	5	$900	
Locally Mounted	50%			2037	* *	5	$900	
Ground								

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DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$3,951,900	10	$243,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2027	$65,400	10	$200	
LED	2%			2032	$153,000			
Egress Lighting								
Emergency, Battery	10%			2032	$46,400	10	$6,700	
Emergency, Battery	40%			2027	$185,400	10	$26,700	
Exit, Service	30%			2027	$35,700	1		
Exit, Service	20%			2032	$23,800	1		
Exterior Lighting								
HID	20%			2040	* *	10	$200	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$155,500	1	$30,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$213,700	1-3	$51,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Control Panel, Alarm Bells, Manual Pull Stations, Horns And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$273,500	

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DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2032	$2,211,400			
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building, Newly Installed, Condensate Return Pumps, Stream Trap And Thermostat								
Terminal Devices								
Air Handler	20%			2027	$1,039,300	1	$34,200	
Convector/Radiator	45%			2030	$1,016,200	1	$40,100	
On Extended Life, Extent : Light, Area Affected : 55%								
Location : Throughout The Building								
Fan Coil Unit/Heat	20%	Now	$27,400	2027	$1,369,300	1	$16,100	
Controller Not Working, Extent : Severe, Area Affected : 35%								
Location : Pool, Three Gymnasium Cafeteria, Library And Auditorium Pneumatic Control Has Removed And Getting Overheated.								
Unit Heater - Steam	15%			2027	$235,400	4	$3,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	65%			2031	$680,000	1		
Window/Wall Unit	15%			2027	$156,900	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$107,800	
No Component	30%							
Exhaust Fans								
Interior	90%			2027	$1,102,300	2	$7,600	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Interior Mechanical Room								
Roof	7%			2042	* *	2	$600	
Roof	3%	Now	$4,800	2042	* *	2	$200	
Broken, Extent : Severe, Area Affected : 30%								
Location : Roof; One Out Of Three Science Laboratory Exhaust Fans Has Mechanical/ Electrical Failure								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	$3,546,700	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room, New Gas Fire Hot Water Heater								
Explanation : 1 Unit 266 Gallons								

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DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	5%			2062	* *	4	$1,400	
Recent Installation, Extent : N/A, Area Affected : 5%								
Location : Pool Has New Steam Fire Heat Exchanger								
No Component	95%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$8,800	
Pool Filter/Treatment								
Activated Carbon	100%			2037	* *	4	$3,000	
Abandoned in Place, Extent : Light, Area Affected : 5%								
Location : Three New Pool Filter Has Installed And The Existing Carbon Filters Is Abandoned In Place								
Recent Replace Evident, Extent : N/A, Area Affected : 5%								
Location : Three New Pool Filter Installed								
Backflow Preventer								
No Component	75%							
Generic	25%			2037	* *	1	$4,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Gear Traction Elevator Serving Basement To 3rd Floor								
Explanation : Gear Traction Elevator								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$7,700	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q**
Address : **116-25 GUY BREWER BOULEVARD**
Borough : **QUEENS** | **Agency's Number** : **Q690**
Program / Asset # : **BOE1039.000 / 13592** | **Yr Built/Renovated** : **2003 /**
Area Sq Ft : **197,248** | **Project Type** : **EDUCATION**
Date of Survey : **23-Nov-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1,2,3,4,5,Ph**
Block : **12335** **Lot** : **49** **BIN** : **4464077**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$507,100	$393,200
Interior Architecture	$118,100	$250,200
Electrical		$3,706,300
Mechanical		$996,300
Site Enclosure	$63,300	
Site Pavements	$58,700	
Total	**$747,200**	**$5,346,000**
Importance Code A	$507,100	$393,200
Importance Code B	$181,400	$4,898,200
Importance Code C	$58,700	$54,600
Total	**$747,200**	**$5,346,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$87,400	$40,000		$19,500
Interior Architecture	$70,900	$57,200		
Electrical	$19,200	$46,200	$20,300	$23,600
Mechanical	$135,200	$120,100	$94,600	$159,300
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$336,500**	**$287,200**	**$138,600**	**$226,100**
Importance Code A	$107,000	$59,600	$19,500	$39,500
Importance Code B	$209,800	$227,700	$119,100	$186,700
Importance Code C	$19,700			
Total	**$336,500**	**$287,200**	**$138,600**	**$226,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q
Asset # : 13592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	5%	4+	$43,800	LIFE	* *	5	$17,300	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Street Facade								
Masonry: Brick Cavity	59%			LIFE	* *	5	$204,700	
Masonry: Brick Cavity	19%	Now	$166,500	LIFE	* *	5	$65,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Orange Brick								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : North Corner, North Facade And Red Brick								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Red, Yellow, And Blue Brick And Penthouse Brick								
Explanation : Glazed Masonry Brick								
Metal Panel	3%			2052	* *	5-10	$71,600	
Metal: Cage/Fence	7%			2045	* *	5	$106,300	
Window Wall	7%	Now	$147,500	2052	* *	5	$45,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Pal Wing And South Wall								
Windows								
Aluminum	97%	Now	$96,100	2048	* *	5	$20,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : Classrooms								
Metal Louvers	3%			2041	* *	10	$7,800	
Parapets								
Masonry: Brick Cavity	54%			LIFE	* *	5	$10,600	
Masonry: Brick Cavity	26%	Now	$14,900	LIFE	* *	5	$5,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Throughout Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Roof Gymnasium								
Metal Rail	15%			2045	* *	5-10	$53,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q
Asset # : 13592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Exposed Struc: Steel	12%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Gymnasium								
Explanation : Roof Gymnasium, Roof Cage								
IRMA/Protected Membrane	65%	Now	$43,100	2037	* *			
Expansion Joint Failure, Extent : Severe, Area Affected : 10%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : Lower South Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairway Roof Smoke Hatches								
Metal Panel	3%			2045	* *	10	$7,700	
Panel/Paver: Cer/Brk	2%	Now	$11,300	2062	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Outdoor Roof Area								
Panel/Paver: Cer/Brk	3%			2062	* *	10	$5,600	
Traffic Topping	15%	Now	$18,100	2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Roof Gymnasium								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Roof Gymnasium								
Soffits								
Metal Panel	100%			2052	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$32,300	
Mosaic Tile	5%			2045	* *	5	$36,900	
Quarry Tile	5%			2045	* *	5	$22,100	
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	75%			2037	* *	3	$83,000	
Wood	5%	4+	$44,000	2060	* *	5	$13,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Gymnasium								

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DEPARTMENT OF EDUCATION - 040
H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q
Asset # : 13592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$13,700	2041	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Male Locker								
Concrete Masonry Unit	55%			LIFE	* *	5	$54,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : North Side Of Expansion Joint								
Glass: Single Pane	2%	Now	$6,000	LIFE	* *	5	$3,700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Room 163								
Gypsum Board	10%			LIFE	* *	5	$14,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium. First And Third Floor								
Explanation : Wall Pads Ripped And Torn								
Wood	3%			LIFE	* *	5	$29,800	
Ceilings								
AcousTileSusp.Lay-In	80%			2045	* *	5	$236,200	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	7%	Now	$7,200	LIFE	* *	5	$25,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Stair C								
Metal Panel	5%			LIFE	* *	5	$18,500	
Wood	3%			LIFE	* *	5	$77,500	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2052	* *			
Exposed Struc: Steel	25%			LIFE	* *			
Retaining Walls								
Cast in Place Concrete	40%			2067	* *			
Masonry: Brick	60%	0-2	$63,300	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Coping Stones Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : North Rear Driveway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$58,700	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entry Plaza, North Plaza								

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DEPARTMENT OF EDUCATION - 040
H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q
Asset # : 13592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	90%			2041	* *			
Cast in Place Concrete	10%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4000 Amperes Each.								
Transformers								
Dry Type	100%			2037	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 500 Kilovolt Amperes, One 300 Kilovolt Amperes, One 150 Kilovolt Amperes,480 Volts Primary 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Ten Vertical Sections								
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$500	
Molded Case Bkrs	90%			2040	* *	5	$4,700	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	5%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$4,800	
Variable Frequency Drive	5%			2037	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$60,700	

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DEPARTMENT OF EDUCATION - 040
H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q
Asset # : 13592

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2035	* *	1	$76,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 625 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$44,000	
Fuel Storage								
Day Tank	20%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2032	$2,352,300	10	$144,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	16%			2032	$470,500	10	$28,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
HID	2%			2032	$46,700	10	$100	
LED	2%			2032	$109,300			
Egress Lighting								
Emergency, Service	50%			2032	$60,800	1		
Exit, LED	50%			2047	* *	1		
Exterior Lighting								
HID	30%			2032	$276,100	10	$200	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2047	* *	5	$1,500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$111,100	1	$22,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040
H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q
Asset # : 13592

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$152,600	1-3	$36,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Auditorium, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$195,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 6th Floor Penthouse								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2052	* *			
Terminal Devices								
Air Handler	65%	0-2	$48,300	2037	* *	1	$71,400	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Balancing Is Required								
Convector/Radiator	35%			2045	* *	1	$22,300	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2041	* *	1	$213,500	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6th Floor Penthouse Chiller Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 6th Floor Penthouse								
Explanation : 2 Units								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$14,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$122,000	
Heat Rejection								
Water Cooling Tower	100%			2033	$996,300	2	$198,500	

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DEPARTMENT OF EDUCATION - 040
H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q
Asset # : 13592

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$110,000	
Exhaust Fans								
Interior	95%			2037	* *	2	$5,700	
Roof	5%	0-2	$1,000	2037	* *	2	$200	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
HW Heat Exchanger								
High Temp	100%			2052	* *	4	$29,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2037	* *	1	$12,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	75%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 75%								
Location : 1st To 6th Floor								
Explanation : 3 Passenger Units								
Hydraulic	25%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 25%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$99,400	
Sprinkler								
Generic	100%			2052	* *	1-2	$55,200	
Fire Pump								
Generic	100%			2041	* *	1	$36,800	
Chemical System								
Dry	1%			2030	$800	1-3	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	99%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **H. S. FOR TEACHING, LIBERAL ARTS AND SCIENCES - Q**		
Address	: **74-20 COMMONWEALTH BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q566**
Program / Asset #	: **BOE1038.000 / 13591**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **272,866**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Ph**		
Block	: **7870** **Lot** : **72**	**BIN**	: **4529899**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$467,300	$183,400
Interior Architecture	$1,263,000	$330,500
Electrical	$245,300	$364,800
Mechanical		$12,646,900
Site Pavements	$50,200	
Total	**$2,025,700**	**$13,525,600**
Importance Code A	$467,300	$183,400
Importance Code B	$1,130,600	$13,261,800
Importance Code C	$427,800	$80,300
Total	**$2,025,700**	**$13,525,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,500			
Interior Architecture	$36,100	$37,000	$6,100	$63,200
Electrical	$44,400	$31,600	$26,600	$62,200
Mechanical	$170,900	$95,600	$154,800	$82,400
Site Pavements	$34,800			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$354,600**	**$176,100**	**$199,400**	**$219,600**
Importance Code A	$83,500	$27,000	$27,000	$27,600
Importance Code B	$236,200	$149,100	$172,400	$179,800
Importance Code C	$34,800			$12,100
Total	**$354,600**	**$176,100**	**$199,400**	**$219,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H. S. FOR TEACHING, LIBERAL ARTS AND SCIENCES - Q
Asset # : 13591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	88%	Now	$319,600	LIFE	* *	5	$183,400	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Various Locations On All Facades								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Entry Portico								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Columns Of Entry Portico								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$19,500	
Pre-Cast Concrete	7%			LIFE	* *	5	$47,400	
Windows								
Aluminum	87%	4+	$23,400	2048	* *	5	$12,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Various Lower Sashes Of Windows								
Fiberglass Panel	8%			2048	* *	5	$8,500	
Metal Louvers	5%			2041	* *	10	$8,800	
Parapets								
Masonry: Brick Cavity	93%	4+	$65,200	LIFE	* *	5	$32,400	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Exterior Parapet Walls								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Exterior Parapet Walls								
Pre-Cast Concrete	7%			LIFE	* *	5	$15,400	
Roof								
IRMA/Protected Membrane	85%	Now	$82,500	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Mechanical Room								
Metal Panel	15%	Now	$22,400	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Soffits								
Fiberglass Panel	71%	Now	$4,400	2041	* *	5	$17,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Southwest Corner Of Entry Canopy								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Elevation								
Explanation : Canopy Structures Do Not Have Ice Guards								
Weathering Steel	29%	Now	$6,300	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Structural Beams Supporting Canopy								
Explanation : Paint Peeling								
Interior								

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DEPARTMENT OF EDUCATION - 040
H. S. FOR TEACHING, LIBERAL ARTS AND SCIENCES - Q
Asset # : 13591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	2-4	$36,100	2028	$361,200	3	$30,600	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : 2nd Floor College Office								
Cast in Place Concrete	12%			LIFE	* *	5	$107,200	
Ceramic Tile	3%			2041	* *	5	$12,300	
Quarry Tile	2%			2037	* *	5	$12,300	
Terrazzo	3%			LIFE	* *	5	$9,600	
Vinyl Tile	68%	Now	$153,400	2037	* *	3	$104,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Corridor Adjacent To Auditorium								
Uneven Substrate, Extent : Moderate, Area Affected : 2%								
Location : Corridor Adjacent To Auditorium								
Wood	7%			2060	* *	5	$53,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	58%	4+	$377,600	LIFE	* *	5	$80,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Walls								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Library, 2nd Floor Mechanical Room, Oil Tank Room								
Glass: Single Pane	2%			LIFE	* *	5	$5,200	
Gypsum Board	8%			LIFE	* *	5	$16,600	
Masonry: Brick	5%			LIFE	* *			
Operable Wall	2%			2052	* *	5	$24,200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2045	* *	5	$20,400	
AcousTileSusp.Lay-In	70%			2045	* *	5	$285,900	
Exposed Struc: Steel	12%	Now	$588,900	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Gymnasium And Mechanical Areas								
Explanation : Concrete Metal Decking								
Gypsum Board	5%			LIFE	* *	5	$25,500	
Metal Panel	8%			LIFE	* *	5	$40,800	
Site Enclosure								
Fence/Gates								
Metal: Cage/Fence	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West Side Or Rear Of School Building								
Explanation : Enclosure For Garbage And Storage Container								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
H. S. FOR TEACHING, LIBERAL ARTS AND SCIENCES - Q
Asset # : 13591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	40%	Now	$7,500	2045	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Southwest Corner Of Building								
Pavers/Stone	60%			2041	* *			
Parking/Driveway								
Asphalt	80%	Now	$50,200	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Various Locations Throughout Parking Lot And Access Road								
Pavers/Stone	20%	Now	$27,300	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entry Apron To Parking Lot								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Entry Apron To Parking Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 5,000 Amperes								
Transformers								
Dry Type	100%			2045	* *	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Kilovolt-ampere, 480/208/120v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 5- Vertical Sections								
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$7,200	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	10%			2045	* *	5	$200	
Motor Control Center	90%			2045	* *	5	$6,700	
Ground								

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H. S. FOR TEACHING, LIBERAL ARTS AND SCIENCES - Q
Asset # : 13591

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe.								
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$84,000	
Generators								
Diesel	100%			2041	* *	1	$105,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Roof								
Explanation : Emergency Generator Rated At 600 Kilowatts								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$60,800	
Fuel Storage								
Day Tank	50%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator								
Explanation : 275 Gallon Capacity								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$245,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%	Now	$1,300	2037	* *			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Auditorium								
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
LED	10%			2040	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$2,200	
Alarm								

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DEPARTMENT OF EDUCATION - 040
H. S. FOR TEACHING, LIBERAL ARTS AND SCIENCES - Q
Asset # : 13591

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$153,700	1	$30,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$21,100	2032	$211,200	1-3	$45,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Trouble Signals Showing On Fire Alarm Control Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$270,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$43,700	2042	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2032	$1,027,000	1	$33,800	
Convector/Radiator	80%			2037	* *	1	$70,500	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	85%			2032	$3,421,700	1	$107,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units In Penthouse								
Split Unit	15%			2032	$971,900			

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H. S. FOR TEACHING, LIBERAL ARTS AND SCIENCES - Q
Asset # : 13591

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2042	* *	4	$13,400	
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	$5,294,600	1	$168,700	
Heat Rejection								
Air Cooled Condenser Unit	100%			2032	$790,000	2	$190,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$152,200	
Exhaust Fans								
Interior	80%			2032	$968,200	2	$6,700	
Roof	20%			2032	$105,900	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1- Old Unit Abondoned In Place.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$8,600	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$16,300	
Backflow Preventer								
Generic	100%			2037	* *	1	$16,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Basement To 5th Floor, 1 Unit From Basement To 6th Floor								
Explanation : 2 Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2058	* *	1-5	$137,600	
Sprinkler								
Generic	100%			2052	* *	1-2	$76,400	

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DEPARTMENT OF EDUCATION - 040

H. S. FOR TEACHING, LIBERAL ARTS AND SCIENCES - Q

Asset # : 13591

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2041	* *	1	$51,000	
Chemical System								
No Component	97%							
Generic	3%			2030	$2,400	1-3	$2,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **H. S. OF ARTS AND BUSINESS - Q**		
Address	: **105-25 HORACE HARDING EXP. @ WESTSIDE AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q456**
Program / Asset #	: **BOE0880.000 / 1473**	**Yr Built/Renovated**	: **1973 / 2011**
Area Sq Ft	: **98,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1963** **Lot** : **5**	**BIN**	: **4048306**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$4,577,300	$1,981,500
Interior Architecture	$2,414,800	$61,600
Electrical	$161,200	$1,135,600
Mechanical		$1,798,200
Total	**$7,153,400**	**$4,976,900**
Importance Code A	$4,577,300	$2,286,400
Importance Code B	$1,312,100	$2,690,500
Importance Code C	$1,264,000	
Total	**$7,153,400**	**$4,976,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,600		$9,900	$500
Interior Architecture	$101,800		$4,800	$12,000
Electrical	$3,300	$3,800	$15,500	$2,700
Mechanical	$51,500	$7,200	$37,800	$7,200
Site Pavements	$13,700			
Total	**$249,900**	**$11,000**	**$68,000**	**$22,400**
Importance Code A	$94,800	$4,800	$14,900	$5,300
Importance Code B	$109,000	$6,200	$53,100	$17,100
Importance Code C	$46,100			
Total	**$249,900**	**$11,000**	**$68,000**	**$22,400**

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DEPARTMENT OF EDUCATION - 040
H. S. OF ARTS AND BUSINESS - Q
Asset # : 1473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$38,400	LIFE	* *	5	$32,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Horace Harding Expressway								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Parking Area And Below Glazed Brick								
Masonry: Brick Cavity	10%	2-4	$81,200	LIFE	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Horace Harding Expressway								
Metal Sect. OHD	5%	Now	$70,000	2036	* *	5	$10,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Second Overhead Door								
Stucco Cement	5%			2036	* *	5	$16,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Granger Street								
Explanation : Painted Mural								
Stucco Cement	75%	Now	$3,274,300	2051	* *	5	$120,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Granger Street And Westside Avenue								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : At Base Perimeter								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Granger Street And Westside Avenue								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : At Base Perimeter								
Windows								
Aluminum	95%	Now	$2,900	2039	* *	5	$1,500	
Unit Inoperable, Extent : Moderate, Area Affected : 1%								
Location : Room 222								
Metal Clad	5%			2047	* *	5	$1,000	

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DEPARTMENT OF EDUCATION - 040
H. S. OF ARTS AND BUSINESS - Q
Asset # : 1473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,300	
Metal Panel	5%			2041	* *	5	$3,700	
Metal Rail	20%	Now	$25,300	2036	* *	5	$26,800	1
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Lower Roof And Ladders								
Stucco Cement	70%	Now	$407,500	2051	* *	5	$17,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$744,400	2031	$1,861,100			1
Drains Inad/Misposn, Extent : Severe, Area Affected : 25%								
Location : Lower Roofs And Main Roof								
Ponding, Extent : Severe, Area Affected : 25%								
Location : Lower Roofs And Main Roof								
Not Accessible	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Bulkhead Roofs								
Explanation : Not Accessible								
Soffits								
Cast in Place Concrete	100%	Now	$13,000	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Garage Entry And At Roof Overhang								
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : At Garage Entry								
Interior								

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H. S. OF ARTS AND BUSINESS - Q
Asset # : 1473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	Now	$47,900	LIFE	* *	5	$61,600	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Garage At End Of Aisle 68								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Garage								
Mosaic Tile	5%	Now	$132,200	2036	* *	5	$8,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Student Bathrooms And Kitchen								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Quarry Tile	2%			2036	* *	5	$4,200	
Terrazzo	3%			LIFE	* *	5	$3,300	
Vinyl Tile	68%	Now	$794,100	2041	* *	3	$35,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Cafeteria Entrance And Cafeteria								
Uneven Surface, Extent : Moderate, Area Affected : 30%								
Location : Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 75%								
Location : Corridors And Classroms								
Wood	2%			2046	* *	5	$5,300	
Interior Walls								
Cast in Place Concrete	15%	Now	$277,700	LIFE	* *			
Vertical Cracks, Extent : Severe, Area Affected : 10%								
Location : Columns At Garage								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Parking Area								
Ceramic Tile	5%	Now	$33,500	2034	* *	5	$3,000	
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : Boys Bathroom								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,900	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairwell F								
Fiberglass Panel	45%	Now	$986,300	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Transite Panals								
Gypsum Board	25%	Now	$8,500	LIFE	* *	5	$18,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boys Bathroom								
Explanation : Uneven Substrate								

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DEPARTMENT OF EDUCATION - 040
H. S. OF ARTS AND BUSINESS - Q
Asset # : 1473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	2-4	$11,900	2036	* *	5	$23,100	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Corridors								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Corridors								
Exposed Struc: Concrete	25%			LIFE	* *	5	$5,800	
Plaster	50%	Now	$224,600	LIFE	* *	5	$46,100	
Paint Peeling, Extent : Severe, Area Affected : 25%								
Location : Second Floor Classrooms, 201, 226, 224, 210 And Staircase F								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Second Floor Classrooms, 201, 226, 224, 210 And Staircase F								
Site Enclosure								
Fence/Gates								
Exposed Struc: Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Above Garage Entrance At Roof								
Explanation : Corrugated Metal Panels								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$9,600	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Garage Corner Of Westside Avenue And Xenia Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$200	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Entry And Exit Steps								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$3,900	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Second Driveway								
Potholes, Extent : Moderate, Area Affected : 10%								
Location : Second Driveway								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H. S. OF ARTS AND BUSINESS - Q
Asset # : 1473

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2031	$201,800	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	85%			2030	$203,600	5	$2,200	
Molded Case Bkrs	10%			2039	* *	5	$300	
Wiring								
Thermoplastic	100%			2031	$291,700	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$85,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$11,800	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$91,500	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$75,800	1-3	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H. S. OF ARTS AND BUSINESS - Q
Asset # : 1473

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	100%	0-2	$15,200	2031	$304,900	1	$43,600	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Unit No.2 And 2 Reheat Coils For Partial Of 2nd Floor.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 9 Rooftop Units. Front Entrance And Exit 5 Are Lack Of Heat Due To Heavy Traffic.								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2031	$823,300	2	$3,000	
R-22 Refrigerant, Extent : Light, Area Affected : 70%								
Location : 6 Package Units. Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Thermostat Of Unit No.3 Is In Wrong Place. One Condemn Unit Remains On Roof For Long Time.								
Ext Pkg Unit - Heating/Cooling	20%			2036	* *	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. R-410a								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$10,800	LIFE	* *	2-5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Explanation : Water Leaks To Class Room 201, 224 And 226.								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$51,900	
Exhaust Fans								
Interior	30%			2031	$130,400	2	$900	
Roof	70%			2031	$133,100	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2026	$23,600	4		
Sanitary Piping								
Cast Iron	100%	0-2	$24,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Garage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H. S. OF ARTS AND BUSINESS - Q
Asset # : 1473

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2031	$406,600	1-2	$8,200	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **H.S. FOR SPORTS MANAGEMENT - BK**		
Address	: **2865 W. 19TH STREET @ MERMAID AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K728**
Program / Asset #	: **BOE1079.000 / 14425**	**Yr Built/Renovated**	: **1916 / 2010**
Area Sq Ft	: **18,324**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7020** **Lot** : **39**	**BIN**	: **3329331**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical	$88,300	$117,000
Total	**$88,300**	**$117,000**
Importance Code B	$88,300	$117,000
Total	**$88,300**	**$117,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,600			
Interior Architecture	$75,300		$1,400	$300
Electrical	$2,100	$1,700	$21,300	$2,300
Mechanical	$2,400	$1,600	$4,400	$1,600
Total	**$94,400**	**$3,300**	**$27,100**	**$4,200**
Importance Code A	$15,500	$900	$900	$900
Importance Code B	$57,900	$2,400	$26,200	$3,300
Importance Code C	$21,000			
Total	**$94,400**	**$3,300**	**$27,100**	**$4,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H.S. FOR SPORTS MANAGEMENT - BK
Asset # : 14425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2066	* *	10		
Masonry: Brick	90%			LIFE	* *	5		
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 25%								
Location : First Floor								
Masonry: Limestone	2%			LIFE	* *	5		
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Banding								
Masonry: Limestone	3%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Facade								
Explanation : Decorative Elements								
Windows								
Aluminum	100%	Now	$14,600	2056	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Upper Roof Over Gymnasium								
Explanation : Low Slope At Upper Roof								
Masonry: Brick	60%			LIFE	* *	5		
Metal Panel	30%			2051	* *	5		
Roof								
Modified Bitumen	60%			2041	* *	10		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	40%			2036	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Upper Roof								
Explanation : At Sloped Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
H.S. FOR SPORTS MANAGEMENT - BK
Asset # : 14425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$12,000	
Ceramic Tile	5%	0-2	$1,500	2040	* *	5	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Marble Panels	3%	4+	$3,600	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Entry Lobby Stairs								
Terrazzo	5%	0-2	$6,400	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Entry Lobby								
Traffic Topping	10%			2039	* *	5	$3,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Combined Gymnasium / Auditorium.								
Vinyl Tile	10%			2036	* *	3	$1,400	
Wood	47%	0-2	$38,400	2059	* *	5	$12,100	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout Classrooms								
Interior Walls								
Ceramic Tile	5%	Now	$1,400	2034	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Janitor Closet								
Masonry: Brick	10%	Now	$9,700	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 3%								
Location : Cafeteria								
Spalling, Extent : Moderate, Area Affected : 3%								
Location : Cafeteria								
Plaster	80%	Now	$9,900	LIFE	* *	5	$6,100	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : First Floor Bathroom								
Wood	5%			LIFE	* *	5	$5,100	
Ceilings								
AcousTile,Adhered	10%			2051	* *	5	$2,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	0-2	$2,300	2036	* *	5	$1,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Entry Lobby								
Plaster	80%			LIFE	* *	5	$13,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H.S. FOR SPORTS MANAGEMENT - BK
Asset # : 14425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2051	* *	5	$500	
Raceway								
Conduit	50%			2031	$12,900	1		
Conduit	50%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$500	
Wiring								
Thermoplastic	50%			2031	$14,300	1		
Thermoplastic	50%			2051	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$16,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$2,200	
Exit, Battery	50%			2036	* *	10	$600	
Exterior Lighting								
LED	50%			2036	* *			
No Component	50%							
Alarm								
Security System								
Generic	100%			2036	* *	1	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H.S. FOR SPORTS MANAGEMENT - BK
Asset # : 14425

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Next To Boiler Room								
Explanation : One Oil Tank								
Conversion Equipment								
Hot Water Boiler	100%			2036	* *	1	$9,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor Boiler Room								
Explanation : One Hot Water Boiler. Maintained By Church.								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$800	2039	* *	4	$900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Ground Floor Boiler Room								
Terminal Devices								
Convector/Radiator	100%			2036	* *	1	$5,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2029	$34,700	1		
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$117,000	1		
Water Heater With Tanks								
Oil Fired	100%			2026	$88,300	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor Boiler Room								
Explanation : Maintained By Church.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Plastic/PVC	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H.S. FOR SPORTS MANAGEMENT - BK
Asset # : 14425

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2039	* *	1	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Office 110								
Explanation : Recent Installation Of Water Service With Backflow Preventer In 2017.								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor Boys Toilet Room, 3rd Floor Girls Toilet Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **H.S. OF ECONOMICS AND FINANCE -M**		
Address	: **100 TRINITY PLACE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **LEASE-M833**
Program / Asset #	: **BOE1076.000 / 14422**	**Yr Built/Renovated**	: **1957 /**
Area Sq Ft	: **107,252**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,5,8,10,Ph**		
Block	: **52** **Lot** : **1**	**BIN**	: **1001037**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$638,900	$125,800
Interior Architecture	$2,887,700	$2,297,600
Electrical	$170,900	$1,535,000
Mechanical	$7,496,500	$1,611,800
Total	**$11,194,100**	**$5,570,300**
Importance Code A	$638,900	$177,200
Importance Code B	$10,500,700	$5,312,800
Importance Code C	$54,500	$80,200
Total	**$11,194,100**	**$5,570,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$84,500		$20,400	
Interior Architecture	$85,300	$21,200	$8,000	$291,900
Electrical	$39,800	$3,800	$18,300	$3,600
Mechanical	$79,600	$31,600	$72,600	$29,800
Elevators/Escalators	$49,300	$49,300	$49,300	$49,300
Total	**$338,500**	**$105,900**	**$168,700**	**$374,700**
Importance Code A	$85,800		$20,700	
Importance Code B	$252,800	$98,700	$148,000	$374,700
Importance Code C		$7,200		
Total	**$338,500**	**$105,900**	**$168,700**	**$374,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$125,800	
Metal, Corrugated	10%			2041	* *	1		
Metal Panel	5%			2051	* *	5-10	$57,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$27,300	
Stucco Cement	5%			2044	* *	5	$21,000	
Windows								
Aluminum	100%	Now	$638,900	2056	* *	5	$6,700	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Metal Panel	40%			2051	* *	5	$9,400	
Metal Rail	60%			2044	* *	5-10	$66,000	
Roof								
Modified Bitumen	98%	4+	$33,900	2036	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Skylight, Metal/Glass	2%			2041	* *	10	$2,100	
Interior								
Floors								
Carpet	10%			2027	$283,900	3	$32,100	
Cast in Place Concrete	10%			LIFE	* *	5	$35,100	
Ceramic Tile	5%			2040	* *	5	$8,000	
Quarry Tile	5%			2044	* *	5	$12,000	
Sheet Vinyl/Rubber	5%			2036	* *	5	$12,000	
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	50%			2031	$2,217,300	3	$30,100	
Vinyl Tile 9" X 9"	10%			2026	$2,833,200	3	$6,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$54,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Wall Between Sump Pump And Ejector								
Ceramic Tile	5%			2040	* *	5	$14,300	
Concrete Masonry Unit	70%			LIFE	* *	5	$80,200	
Gypsum Board	15%			LIFE	* *	5	$25,800	
Marble Panels	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entrance Lobby								
Explanation : This Is Actually Travertine								

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DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	45%	Now	$23,500	2044	* *	5	$35,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$9,800	
Plaster	50%	Now	$47,700	LIFE	* *	5	$49,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	20%			2031	$52,000	5	$100	
Molded Case Bkrs	80%			2031	$208,100	5	$2,300	
Raceway								
Conduit	100%			2031	$243,700	1		
Panelboards								
Fused Disc Sw	5%			2030	$12,000	5	$100	
Molded Case Bkrs	50%			2030	$119,700	5	$1,400	
Molded Case Bkrs	45%			2039	* *	5	$1,300	
Wiring								
Braided Cloth	50%	2-4	$170,900	2056	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Thermoplastic	10%	2-4	$34,200	2061	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Motor Control Center								
Explanation : Oveheating Of Roof Motor Control Center Conductors								
Thermoplastic	40%			2041	* *	1		
Motor Controllers								
Locally Mounted	5%			2029	$9,100	5		
Motor Control Center	95%			2029	$690,700	5	$2,800	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

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DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2039	* *	10	$92,500	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2039	* *	10	$4,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby And Hallways								
Incandescent	1%			2031	$29,700	2		
Egress Lighting								
Emergency, Service	10%			2031	$6,600	1		
Emergency, Battery	40%			2031	$72,000	10	$10,400	
Exit, LED	5%			2059	* *	1		
Exit, Service	15%			2036	* *	1		
Exit, Service	30%			2026	$13,900	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$12,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$20,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Con Edison Steam								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%	Now	$1,300	2034	* *	5	$3,200	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Control Valve And Elbow After Con Edison Steam Trap								

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DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	15%			2030	$35,200	4	$800	
Steam Piping/Pump	85%	Now	$14,600	2031	$730,000			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Flash Tank At Penthouse								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Penthouse								
Explanation : Pressure Reducing Valves For House Tank Frost Protection And Absorption Chiller Are Out Of Service.								
Terminal Devices								
Air Handler	85%			2026	$1,715,600	1	$56,400	
Convector/Radiator	15%			2036	* *	1	$5,200	
Air Conditioning								
Energy Source								
Electricity	10%			2039	* *	1		
Steam/HW System	90%			2041	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	90%	Now	$62,600	2027	$3,132,000	1	$94,000	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Explanation : Unit Uses Lithium Bromide And Water As Refrigerant. Refrigerant Pump Leaks.								
Interior Pkg Unit - Cooling	5%			2025	$84,800	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement - Supplies Gymnasium								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 2 Units								
Interior Pkg Unit - Cooling	5%			2025	$84,800	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 7th Floor Mechanical Room								
Explanation : 1 Unit								
Distribution								
CW & CHW Wtr Pipe/Pump	90%			2031	$156,100	4	$4,800	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	90%			2026	$1,873,000	1	$59,700	
No Component	10%							

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DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cooling Tower	90%	0-2	$48,800	2025	$487,600	2	$77,700	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Cooling Tower, Roof								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,800	
Exhaust Fans								
Interior	95%			2031	$451,900	2	$3,100	
Roof	5%			2031	$10,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$273,800	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$15,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 500 Gallon Tank With Asbestos Insulation								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$21,500	4	$2,300	
Sewage Ejector(s)								
Electric	100%			2026	$56,200	4	$4,300	
Backflow Preventer								
Generic	100%			2036	* *	1	$6,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 10th Floor, 3 Units From 1st To 10th Floor, Basement To 1st Floor								
Explanation : 4 Units Plus Side Walk Elevator								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$54,100	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,500	

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DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **H.S. OF FASHION INDUSTRIES - M**		
Address	: **225 W. 24 STREET BTWN: 7 AVE., 8 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M600**
Program / Asset #	: **BOE0142.000 / 1632**	**Yr Built/Renovated**	: **1940 / 2014**
Area Sq Ft	: **302,400**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,5,9,10,11**		
Block	: **774** **Lot** : **19**	**BIN**	: **1014174**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$284,500	$468,000
Interior Architecture	$19,276,500	$2,417,800
Electrical	$1,263,700	$802,000
Mechanical	$2,532,700	$5,472,000
Total	**$23,357,300**	**$9,159,700**
Importance Code A	$284,500	$468,000
Importance Code B	$23,072,800	$6,976,500
Importance Code C		$1,715,200
Total	**$23,357,300**	**$9,159,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$300	$35,300	
Interior Architecture		$9,300	$4,400	$13,100
Electrical	$9,500	$43,400	$11,400	$8,500
Mechanical	$27,000	$60,400	$50,300	$20,700
Site Pavements	$13,100			
Elevators/Escalators	$71,100	$71,100	$71,100	$71,100
Total	**$120,700**	**$184,400**	**$172,500**	**$113,300**
Importance Code A	$7,000	$1,000	$35,300	
Importance Code B	$113,700	$183,400	$137,200	$113,300
Importance Code C				
Total	**$120,700**	**$184,400**	**$172,500**	**$113,300**

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DEPARTMENT OF EDUCATION - 040
H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$388,100	
Masonry: Granite	2%			LIFE	* *	5	$6,600	
Masonry: Limestone	10%			LIFE	* *	5	$33,100	
Windows								
Aluminum	98%			2046	* *	5	$70,600	
Metal Louvers	2%			2033	$79,900	10	$9,000	
Parapets								
Copper/Terne	2%			2050	* *	5	$600	
Masonry: Brick	73%			LIFE	* *	5	$4,700	
Masonry: Limestone	5%			LIFE	* *	5	$400	
Metal Security Bars	20%			2058	* *			
Roof								
Modified Bitumen	35%	Now	$112,700	2035	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Upper Roof Areas								
Panel/Paver: Cer/Brk	65%	4+	$171,800	2050	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%								
Location : Lower Roof Areas								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Lower Roof Areas								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Asphalt Poured	3%			2028	$389,400	5	$5,300	
Cast in Place Concrete	9%			LIFE	* *	5	$69,000	
Mosaic Tile	6%	2-4	$98,700	2035	* *	5	$26,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Quarry Tile	2%			2035	* *	5	$10,500	
Terrazzo	5%			LIFE	* *	5	$13,700	
Vinyl Tile	10%			2035	* *	3	$13,100	
Vinyl Tile 9" X 9"	30%	Now	$371,300	2025	$18,565,800	3	$39,400	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Wood	35%			2045	* *	5	$230,100	
Interior Walls								
Ceramic Tile	5%			2033	$1,609,900	5	$29,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$105,300	
SGFT/Glazed Masonry	20%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	3%			2035	* *	5	$8,000	
Exposed Struc: Concrete	20%			LIFE	* *	5	$8,400	
Plaster	77%	4+	$125,600	LIFE	* *	5	$129,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement Corridor								
Paint Peeling, Extent : Light, Area Affected : 1%								
Location : Basement Work Shop								
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$13,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 25th Street Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 2,500 Ampere Main Switches								
Transformers								
Dry Type	10%			2035	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Elevator Machine Room								
Explanation : Four 100 Kilovolt-ampere								
No Component	90%							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	* *	5	$8,000	
Raceway								
Conduit	70%			2030	$472,000	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$300	
Molded Case Bkrs	25%			2029	$159,700	5	$2,000	
Molded Case Bkrs	70%			2046	* *	5	$5,600	

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H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$628,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$2,000	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$2,200	
Generic	50%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$193,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	5%			2035	* *	10	$10,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2025	$55,500	10	$200	
LED	3%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$28,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	10%			2025	$141,100	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$170,300	1	$33,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$234,000	1-3	$55,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2040	* *	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2039	* *	5	$13,900	
Distribution								
Steam Piping/Pump	100%	Now	$93,800	2040	* *			
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement Piping								
Terminal Devices								
Air Handler	40%			2030	$1,763,400	1	$58,000	
Air Handler	10%	Now	$220,400	2030	$440,900	1	$13,000	
Broken, Extent : Severe, Area Affected : 20%								
Location : Fan Rooms 2 Per Floor								
Convector/Radiator	50%			2035	* *	1	$37,800	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	20%	Now	$55,600	2035	* *			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria Units								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Auditorium Air Handler								
Explanation : Has Cooling Coil Retrofit								
Window/Wall Unit	60%			2025	$532,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$130,600	
Exhaust Fans								
Interior	100%	Now	$103,900	2025	$1,039,000	2	$5,700	
Broken, Extent : Severe, Area Affected : 20%								
Location : 11th Floor Fan Room								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$2,990,800	1		
Water Heater With Tanks								
Electric	20%			2025	$4,700	4		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Kitchen And Medical Clinic								
Explanation : Point Of Use In New Bathrooms								
No Component	80%							

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DEPARTMENT OF EDUCATION - 040
H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	Now	$339,800	2060	* *	4	$23,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Three Tanks, All Not In Service, No Hot Water In Most Bathrooms								
Sanitary Piping								
Cast Iron	100%	Now	$147,600	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$60,500	4	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Sewage Ejector(s)								
Electric	100%			2030	$158,300	4	$12,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Basement To 9th Floor, Four Units From 1st To 9th Floor								
Explanation : 6 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$118,100	
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$13,100	
Fire Pump								
Generic	100%			2039	* *	1	$43,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **H.S. OF GRAPHIC COMMUN. ART - M**		
Address	: **439 W. 49 ST @9TH - 10TH AVES**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M625**
Program / Asset #	: **BOE0145.000 / 540**	**Yr Built/Renovated**	: **1958 / 2012**
Area Sq Ft	: **254,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6,7**		
Block	: **1059** **Lot** : **15**	**BIN**	: **1026646**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$517,000	$599,700
Interior Architecture	$3,338,600	$5,853,200
Electrical	$468,200	$3,967,800
Mechanical	$2,152,900	$5,509,700
Site Pavements	$68,100	
Total	**$6,544,700**	**$15,930,400**
Importance Code A	$517,000	$1,249,900
Importance Code B	$4,442,900	$14,512,000
Importance Code C	$1,584,800	$168,500
Total	**$6,544,700**	**$15,930,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$139,800		$5,100	
Interior Architecture	$138,200		$96,400	$42,100
Electrical	$64,400	$23,800	$24,800	$30,700
Mechanical	$138,600	$57,400	$82,200	$52,300
Site Pavements	$54,500			
Elevators/Escalators	$47,200	$47,200	$47,200	$47,200
Total	**$582,600**	**$128,300**	**$255,800**	**$172,300**
Importance Code A	$190,700	$25,200	$30,300	$25,200
Importance Code B	$313,600	$103,100	$202,100	$147,100
Importance Code C	$78,400		$23,400	
Total	**$582,600**	**$128,300**	**$255,800**	**$172,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$98,300	
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : 1st Floor Of Main Building Horizontal Band								
Fiberglass Panel	60%			2042	* *	5	$737,600	
Masonry: Brick	4%			LIFE	* *	5	$26,200	
Masonry: Brick Cavity	25%			LIFE	* *	5	$163,900	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$61,500	
Metal Panel	1%			2053	* *	5-10	$22,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Gravity Water Tank								
Metal Sect. OHD	1%			2046	* *	5	$10,200	
Mosaic Tile	1%			2053	* *	10	$10,200	
Windows								
Aluminum	100%			2049	* *	5	$86,700	
Parapets								
Masonry: Brick Cavity	45%			LIFE	* *	5-10	$77,700	
Metal Panel	45%			2053	* *	5	$44,000	
Metal Rail	10%	4+	$3,400	2046	* *	5	$17,900	
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Roof								
Copper/Terne	4%			2061	* *	10	$15,700	
Modified Bitumen	95%			2038	* *	10	$148,900	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Main Roof At East Side								
Skylight, Metal/Glass	1%			2059	* *	10	$5,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2032	$794,800	3	$67,400	
Other Observation, Extent : N/A, Area Affected : 75%								
Location : 2nd And 3rd Floor								
Explanation : Classrooms Under Charter Schools Have Carpet Tiles								
Cast in Place Concrete	10%			LIFE	* *	5	$196,600	
Ceramic Tile	5%			2042	* *	5	$22,500	
Sheet Vinyl/Rubber	5%			2038	* *	5	$33,700	
Terrazzo	5%			LIFE	* *	5	$35,100	
Traffic Topping	10%			2041	* *	5	$56,200	
Vinyl Tile	45%			2033	$5,586,400	3	$101,100	
Vinyl Tile	10%	0-2	$1,241,400	2043	* *	3	$16,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement And Stairwells								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : 9x9 Tiles Below New Vinyl Tiles, Cracking Pattern 9x9								
Interior Walls								
Ceramic Tile	5%			2046	* *	5	$46,800	
Concrete Masonry Unit	30%	0-2	$528,000	LIFE	* *	5	$112,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : East Stair Bulkhead								
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : 7th Floor Mechanical Room								
Glass Block	30%			LIFE	* *	10	$112,300	
Glass: Single Pane	1%			LIFE	* *	5	$14,000	
Gypsum Board	10%			LIFE	* *	5-10	$159,100	
Recent Repair Evident, Extent : N/A, Area Affected : 1%								
Location : 4th Floor								
Metal Panel	4%			LIFE	* *	10	$16,900	
SGFT/Glazed Masonry	20%	0-2	$841,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, Corridors And Stairwells Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$43,400	2046	* *	5	$33,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Basement Near Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 1%								
Location : Basement Near Gymnasium								
AcousTileConcealSpLn	10%			2038	* *	5	$56,200	
AcousTileSusp.Lay-In	10%			2046	* *	5	$44,900	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$280,900	
Exposed Struc: Concrete	5%	Now	$168,300	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 7th Floor Mechanical Rooms								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : 7th Floor Mechanical Rooms								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : 7th Floor Mechanical Rooms								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Basement East Electric Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Repair To Roof Has Stopped Water Penetration. Damage On 7th Floor Is Old.								
Metal Panel	5%			LIFE	* *	5	$56,200	
No Component	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : First Floor Corridor								
Explanation : Ceiling Removed For Gasoline Piping Work								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$68,100	2038	* *			
Tripping Hazard, Extent : Severe, Area Affected : 20%								
Location : West 49th Street								
On-Site Walkways								
Cast in Place Concrete	15%	0-2	$24,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Loading Dock								
Pavers/Stone	85%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$30,200	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2033	$650,200	5	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,200 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$650,200	5	$6,700	
Raceway								
Conduit	70%			2033	$472,000	1		
Conduit	20%			2043	* *	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Knife Sw	15%	2-4	$95,800	2058	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms								
Fused Toggle Switch	5%	2-4	$31,900	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Gymnasium								
Molded Case Bkrs	65%			2032	$415,100	5	$4,400	
Molded Case Bkrs	10%			2041	* *	5	$700	
Molded Case Bkrs	5%			2049	* *	5	$300	
Wiring								
Braided Cloth	10%	2-4	$89,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	30%			2033	$269,500	1		
Thermoplastic	55%			2043	* *	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	$217,700	5	$1,000	
Locally Mounted	19%	2-4	$68,900	2053	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms								
Locally Mounted	20%			2046	* *	5	$300	
Variable Frequency Drive	1%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,500	
Lighting								
Interior Lighting								
Fluorescent	68%			2038	* *	10	$158,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	32%			2041	* *			

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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%	Now	$213,600	2043	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$477,800	1	$95,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$656,500	1-3	$161,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Cafeteria, Gymnasium, Bathrooms								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Conversion Equipment								
Steam Boiler	70%			2050	* *	1	$176,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room. New Steam Traps Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Basement								
Explanation : Three Gas Fired Steam Boilers								
Steam Boiler	30%	0-2	$33,300	2050	* *	1	$68,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. One Tube Leaking In No.1 Boiler								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$89,900	
Steam Piping/Pump	60%	0-2	$244,600	2043	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Steam Pipes And The Two Condensate Pumps Leaking At Basement								
Terminal Devices								
Air Handler	40%			2033	$1,915,700	1	$63,000	
Convector/Radiator	60%			2038	* *	1	$49,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$60,400	2033	$604,300			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Loading Duck. One Compressor For The Split Unit Is Not Working.								
Window/Wall Unit	80%			2028	$771,300	1		
No Component	10%							
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$20,700	
No Component	95%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2033	$888,900	1	$31,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium Mechanical Room								
Explanation : 2 Units Serve Only Gymnasium								
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2033	$66,300	2	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : 2 Units For The Air Handlers In The Gymnasium Mechanical Room								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$224,700	
Exhaust Fans								
Interior	90%			2033	$1,015,900	2	$7,000	
Roof	10%			2033	$49,400	2	$800	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$1,624,500	2038	* *	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Booster Pump Leaking At Basement								
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$160,300	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Sanitary Piping Traps Missing Cover At Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	0-2	$10,200	2033	$51,000	4	$5,400	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : One Sump Pump Is Not Working At Basement								
Sewage Ejector(s)								
Electric	100%			2033	$133,300	4	$15,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 7th Floor								
Explanation : 1 Unit								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 7th Floor								
Explanation : 12 Units. Presently Not Reliable. Constantly Breaking Down								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$128,300	
Sprinkler								
No Component	70%							
Generic	30%			2053	* *	1-2	$21,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**HARLEM PROMISE ACADEMY CHARTER-M**			
Address	:	**245 WEST 129TH STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M908**
Program / Asset #	:	**BOE1147.000 / 14893**	**Yr Built/Renovated**	:	**2014 /**
Area Sq Ft	:	**132,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**12-May-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5,Ph**			
Block	:	**1933** **Lot** : **20**	**BIN**	:	**1089330**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$249,900	$589,300
Interior Architecture	$266,300	$205,000
Mechanical		$3,893,100
Total	**$516,200**	**$4,687,300**
Importance Code A	$249,900	$589,300
Importance Code B	$79,300	$3,972,400
Importance Code C	$187,000	$125,700
Total	**$516,200**	**$4,687,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$87,000	$20,800		
Interior Architecture	$119,000	$8,200	$34,700	
Electrical	$27,600	$21,500	$24,900	$24,000
Mechanical	$88,200	$37,500	$43,300	$26,200
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$331,600**	**$97,800**	**$112,700**	**$60,000**
Importance Code A	$93,500	$27,300	$6,500	$6,500
Importance Code B	$223,800	$67,300	$106,200	$53,500
Importance Code C	$14,300	$3,300		
Total	**$331,600**	**$97,800**	**$112,700**	**$60,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HARLEM PROMISE ACADEMY CHARTER-M
Asset # : 14893

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$117,100	
Masonry: Brick Cavity	34%			LIFE	* *	5	$101,900	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$28,100	
Metal Panel	50%			2059	* *	5-10	$515,000	
Metal Coiling Doors	1%			2050	* *	5	$4,700	
Window Wall	5%			2059	* *	5	$28,100	
Windows								
Aluminum	100%			2055	* *	5	$28,400	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$18,600	
Concrete Masonry Unit	75%			LIFE	* *	5-10	$53,900	
Metal Panel	10%			2059	* *	5	$5,100	
Metal: Cage/Fence	10%			2050	* *	5-10	$10,200	
Roof								
IRMA/Protected Membrane	80%			2041	* *	10	$105,200	
Vegetation Growth, Extent : Light, Area Affected : 1% Location : Upper Roof								
Plaza Roof: Stone Panels	10%			2053	* *			
Play Surface	10%			2043	* *	10	$13,200	
Repairs in Progress, Extent : N/A, Area Affected : 100% Location : 2nd Floor								
Soffits								
Metal Panel	100%			2059	* *	5-10		
Interior								
Floors								
Carpet	5%			2034	* *	3	$14,900	
Cast in Place Concrete	5%			LIFE	* *	5	$43,400	
Ceramic Tile	10%			2046	* *	5	$19,800	
Sheet Vinyl/Rubber	5%			2041	* *	5	$14,900	
Vinyl Tile	70%			2041	* *	3	$52,000	
Wood	5%			2073	* *	5	$18,600	
Repairs in Progress, Extent : N/A, Area Affected : 100% Location : Gymnasium								
Interior Walls								
Ceramic Tile	40%			2046	* *	5	$104,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$20,900	
Folding Partition	1%			2055	* *	5	$6,500	
Glass: Single Pane	2%			LIFE	* *	5	$7,800	
Gypsum Board	47%			LIFE	* *	5-10	$208,400	
Ceilings								
AcousTileSusp.Lay-In	80%			2050	* *	5	$158,500	
Exposed Struc: Steel	10%			LIFE	* *	10	$39,600	
Gypsum Board	10%			LIFE	* *	5-10	$68,100	
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
HARLEM PROMISE ACADEMY CHARTER-M
Asset # : 14893

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	90%			2049	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$400	
Variable Frequency Drive	50%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$40,600	
Generators								
Diesel	100%			2042	* *	1	$51,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,900	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
HARLEM PROMISE ACADEMY CHARTER-M
Asset # : 14893

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	2%			2038	* *	10	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : T-8 Lamps								
LED	98%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	10%			2038	* *	10	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : Compact Fluorescent Lights								
HID	20%			2038	* *	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,400	
Alarm								
Security System								
Generic	100%			2038	* *	1	$49,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$81,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Strobe Lights, Manual Pull Stations, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Furnace	80%			2038	* *	1	$52,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Hot Water Boiler	20%			2046	* *	1	$13,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040
HARLEM PROMISE ACADEMY CHARTER-M
Asset # : 14893

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2055	* *	4	$1,300	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2046	* *	1	$8,500	
No Component	80%							
Controls								
Digital	100%			2032	$3,791,100			
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	85%			2038	* *	2	$6,900	
Other Observation, Extent : N/A, Area Affected : 100% Location : Roof Explanation : 5 Package Units. R-410a								
Split Unit	15%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100% Location : Various Locations Explanation : 12 Units. R-410a								
Terminal Devices								
Fan Coil - 2 Pipe	15%			2038	* *	1	$6,400	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2038	* *	2	$13,800	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$116,500	
Exhaust Fans								
Interior	10%			2038	* *	2	$400	
Roof	90%			2038	* *	2	$3,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$5,300	
Backflow Preventer								
Generic	100%			2041	* *	1	$8,100	
Fixtures								
Generic	100%							

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DEPARTMENT OF EDUCATION - 040
HARLEM PROMISE ACADEMY CHARTER-M
Asset # : 14893

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : One 230 Gallon Unit								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$66,600	
Sprinkler								
Generic	100%			2053	* *	1-2	$37,000	
Fire Pump								
Generic	100%			2042	* *	1	$24,700	
Chemical System								
Wet	100%			2031	$102,000	1-3	$104,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 25 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**HARRY S. TRUMAN HIGH SCHOOL - BX**			
Address	:	**750 BAYCHESTER AVE. BTWN: BARTOW AVE., DONIZETTI PL.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X455**
Program / Asset #	:	**BOE0330.000 / 348**	**Yr Built/Renovated**	:	**1973 / 2015**
Area Sq Ft	:	**562,247**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**08-May-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,5,7,Ph**			
Block	:	**5141** **Lot** : **150**	**BIN**	:	**2097470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$988,600	$1,724,500
Interior Architecture	$2,258,500	$893,000
Electrical	$760,500	$10,112,500
Mechanical	$4,068,900	$7,928,800
Site Pavements	$50,100	
Total	**$8,126,600**	**$20,658,800**
Importance Code A	$988,600	$1,724,500
Importance Code B	$5,649,600	$18,520,600
Importance Code C	$1,488,400	$413,700
Total	**$8,126,600**	**$20,658,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$15,400		$45,500	
Interior Architecture	$37,100	$33,700	$31,600	$372,400
Electrical	$76,700	$54,600	$52,000	$50,700
Mechanical	$206,600	$246,000	$210,100	$272,800
Site Enclosure	$13,700			
Elevators/Escalators	$41,400	$41,400	$41,400	$41,400
Total	**$390,900**	**$375,700**	**$380,500**	**$737,300**
Importance Code A	$43,200	$27,800	$74,500	$27,800
Importance Code B	$332,500	$347,900	$306,100	$709,500
Importance Code C	$15,100			
Total	**$390,900**	**$375,700**	**$380,500**	**$737,300**

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$145,100	LIFE	* *	5	$121,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Roof Equipment Enclosure Columns								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Roof Equipment Enclosure Columns								
Masonry: Brick	35%			LIFE	* *	5	$169,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 1%								
Location : Penthouse								
Metal Panel	5%			2051	* *	5-10	$166,700	
Pre-Cast Concrete	55%			LIFE	* *	5	$866,700	
Windows								
Aluminum	98%			2047	* *	5	$107,400	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Louvers	2%			2040	* *	10	$13,700	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$56,400	
Metal Panel	35%			2051	* *	5	$152,800	
Metal Rail	10%			2044	* *	5-10	$203,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$35,500	
Roof								
Built-Up (BUR)	45%			2036	* *	10	$269,100	
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	12%	Now	$320,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Terrace Over First Floor								
Cast in Place Concrete	38%			LIFE	* *			
Plaza Roof: Stone Panels	5%	Now	$15,400	2051	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Plaza								
Explanation : Open Joints								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$179,100	
Interior								

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	1%	Now	$3,000	2027	$148,800	3	$12,600	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 2%								
Location : Stair Nosing Planetarium								
Carpet	1%			2027	$148,800	3	$16,800	
Cast in Place Concrete	7%	2-4	$100,200	LIFE	* *	5	$128,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Basement Sump Pump								
Ceramic Tile	8%			2040	* *	5	$67,300	
Sheet Vinyl/Rubber	5%			2036	* *	5	$63,100	
Terrazzo	5%			LIFE	* *	5	$32,900	
Vinyl Tile	63%	Now	$292,900	2036	* *	3	$198,800	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	10%			2059	* *	5	$157,800	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	1%	Now	$15,100	2034	* *	5	$6,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Concrete Masonry Unit	27%	Now	$698,800	LIFE	* *	5	$148,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Penthouse, Gymnasium, And Basement								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Penthouse And Basement								
Folding Partition	3%	Now	$572,000	2039	* *	5	$51,600	
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium One								
Masonry: Brick	8%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	25%	Now	$167,500	LIFE	* *	5	$103,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 1%								
Location : Dance Studio								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Pool Office								
SGFT/Glazed Masonry	29%			LIFE	* *			
Wood	2%			LIFE	* *	5	$110,100	

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$272,200	2044	* *	5	$105,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First And Second Floors								
AcousTileSusp.Lay-In	27%	Now	$76,000	2036	* *	5	$114,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Fifth And Seventh Floors								
Exposed Struc: Concrete	39%			LIFE	* *	5	$51,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	8%			2041	* *			
Gypsum Board	1%	Now	$14,800	LIFE	* *	5	$10,600	
Water Penetration, Extent : Moderate, Area Affected : 75%								
Location : Pool Office								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$13,700	2066	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Plaza Drains								
Parking/Driveway								
Asphalt	100%	2-4	$50,100	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Main Switches, One 6,000 Amperes, Two 4,000 Amperes, One 5,000 Amperes also Feeds P. S. 178 And P. S. 153								

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2036	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Over 20 Transformers Of Various Sizes, Largest Observed Is 112.5 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	50%			2041	* *	5	$1,200	
Fused Disc Sw	50%			2031	$487,700	5	$1,200	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Molded Case Bkrs	30%	4+	$29,300	2039	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rooms 103, 142, 143 And 2nd Floor West								
Explanation : Inadequate Power								
Molded Case Bkrs	30%			2047	* *	5	$4,400	
Molded Case Bkrs	40%			2030	$391,200	5	$5,900	
Wiring								
Thermoplastic	70%			2031	$943,400	1		
Thermoplastic	30%			2041	* *	1		
Motor Controllers								
Locally Mounted	20%	Now	$2,200	2029	$108,900	5	$400	
Mech. Misoperation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium Partitions								
Motor Control Center	80%			2044	* *	5	$12,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%	Now	$5,400	2036	* *	1	$155,700	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One Of Four Transfer Swicthes Failed								
Generators								
Diesel	100%			2034	* *	1	$217,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Generators At 400 Kilowatts Each. Also Serves P. S. 181, 180, 153 And 178								

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$125,300	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4,000 Gallons								
Lighting								
Interior Lighting								
Fluorescent	85%			2031	$7,124,100	10	$438,300	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	15%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium, Fieldhouse And Pool								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Service	50%			2026	$173,200	1		
Exit, Service	50%			2031	$121,200	1		
Exterior Lighting								
HID	20%	Now	$524,700	2041	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Perimeter And Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Wall Packs On Perimeter And Main Roof								
Explanation : Operated Via Timer And Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Under Construction	20%							
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$435,100	1-3	$103,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Provided From Nearby Co-op City - Housing Development								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%			2034	* *	1	$278,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$24,600	2039	* *	4	$27,700	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : East Side Circulating Pipe On The 3rd Floor								
Terminal Devices								
Air Handler	50%	Now	$1,058,100	2036	* *	1	$156,500	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : 30 Percent Of Air Handlers Are Not Operating								
Convector/Radiator	30%			2036	* *	1	$54,500	
Fan Coil Unit/Heat	20%	Now	$139,400	2031	$2,788,000	1	$32,700	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Sub-basement								
Explanation : Bad Motors								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	75%			2034	* *	1	$456,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Refrigerant Type - R123								
Interior Pkg Unit - Cooling	5%			2029	$444,600	2	$1,700	
Window/Wall Unit	20%			2029	$426,000	1		
Distribution								
CW & CHW Wtr Pipe/Pump	75%			2051	* *	4	$20,800	
No Component	25%							
Terminal Devices								
Air Handler/Cool/Ht	75%	Now	$2,454,700	2036	* *	1	$234,700	
Broken, Extent : Severe, Area Affected : 50%								
Location : Roof								
No Component	25%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2031	$162,800	2	$39,200	
Water Cooling Tower	75%			2029	$2,130,000	2	$424,400	
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Roof								
No Component	15%							

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Dehumidifier								
No Component	97%							
Generic	3%	Now	$65,600	2036	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Gymnasium Roof								
Explanation : Not Working								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$313,500	
Exhaust Fans								
Interior	40%			2031	$997,500	2	$6,900	
Roof	60%			2031	$654,600	2	$10,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
HW Heat Exchanger								
Steam Fired	100%	Now	$135,900	2041	* *	4	$55,600	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Sub-basement								
Explanation : 1 Of 4 Not Working								
Sanitary Piping								
Cast Iron	100%	Now	$141,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : First Floor Kitchen								
Explanation : Main Sink Drains Leaking								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$112,600	4	$11,900	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Sub-basement								
Explanation : Sump In Pool Room Broken								
Pool Filter/Treatment								
Sand	100%			2036	* *	4	$208,900	
Backflow Preventer								
No Component	90%							
Generic	10%			2041	* *	1	$3,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Penthouse								
Explanation : Heating Cooling Systems								
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6 Units From Basement To 7th Floor, 1 Unit From Sub-basement To 7th Floor								
Explanation : 6 Units								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$294,000	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$7,900	
Fire Pump								
Generic	100%			2034	* *	1	$105,000	
Chemical System								
No Component	80%							
Generic	20%			2026	$16,300	1-3	$14,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**HEALTH PROFESSIONS HIGH SCHOOL-M**			
Address	:	**345 EAST 15 STREET NEAR SECOND AVENUE**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M475**
Program / Asset #	:	**BOE0129.000 / 1622**	**Yr Built/Renovated**	:	**1906 / 2008**
Area Sq Ft	:	**177,869**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**19-Dec-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3,5**			
Block	:	**922** **Lot** : **8**	**BIN**	:	**1020419**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,358,500	$1,421,100
Interior Architecture	$16,277,300	$338,200
Electrical	$913,400	$394,100
Mechanical	$819,000	$5,120,400
Total	**$20,368,300**	**$7,273,800**
Importance Code A	$2,358,500	$1,421,100
Importance Code B	$16,961,400	$5,710,700
Importance Code C	$1,048,300	$142,100
Total	**$20,368,300**	**$7,273,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,700			
Interior Architecture	$87,900			$15,000
Electrical	$1,300	$2,700	$44,100	$5,600
Mechanical	$104,200	$8,800	$30,300	$19,400
Site Enclosure	$6,000			
Site Pavements	$17,100			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$294,900**	**$21,300**	**$84,200**	**$49,900**
Importance Code A	$74,000		$400	
Importance Code B	$202,900	$21,300	$83,800	$49,900
Importance Code C	$18,000			
Total	**$294,900**	**$21,300**	**$84,200**	**$49,900**

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DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	$359,100	LIFE	* *	5	$87,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North Side And Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : North Side And Throughout								
Masonry: Limestone	20%			LIFE	* *	5	$21,800	
Metal Panel	20%			2051	* *	5-10	$199,900	
Windows								
Aluminum	100%	Now	$678,300	2047	* *	5	$35,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	2-4	$23,300	LIFE	* *	5	$9,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	86%	Now	$1,188,500	2031	$1,188,500			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : North Side Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Upper Roof								
Cast in Place Concrete	5%	0-2	$1,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			2044	* *	10	$10,900	
Skylight, Metal/Glass	1%	Now	$33,300	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Over Stair And Auditorium								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Over Stair And Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Stair And Auditorium								
Skylight, Plastic	3%	Now	$78,200	2044	* *	1		
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Lower Roofs								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
Ceramic Tile	15%	Now	$225,200	2040		* *	5	$20,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Kitchen And Toilets Throughout									
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Kitchen And Toilets Throughout									
Patching Evident, Extent : Light, Area Affected : 20%									
Location : Kitchen And Toilets Throughout									
Mosaic Tile	10%	Now	$124,900	2036		* *	5	$33,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%									
Location : Throughout Main Entry Lobby									
Vinyl Tile	15%	Now	$22,100	2036		* *	3	$15,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Classrooms Throughout									
Vinyl Tile 9" X 9"	30%	Now	$281,900	2026	$14,096,100		3	$29,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Corridors And Classrooms Throughout									
Wood	30%	Now	$238,200	2046		* *	5	$74,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%									
Location : Gymnasium West Wall									
Interior Walls									
Gypsum Board	5%			LIFE		* *	5	$18,900	
Masonry: Brick	15%	Now	$360,800	LIFE		* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Gymnasium West Wall									
Marble Panels	5%	2-4	$111,400	LIFE		* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Plaster	75%	Now	$576,200	LIFE		* *	5	$142,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Stairs And Basement									

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DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$42,800	2036	* *	5	$16,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Lunch Room And Gymnasium								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Lunch Room And Gymnasium								
Exposed Struc: Concrete	10%			LIFE	* *	5	$4,200	
Masonry: Infill Arch	5%	0-2	$19,500	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : At Vault								
Explanation : Corroded Steel Members								
Metal Panel	2%	4+	$3,500	LIFE	* *	5	$6,600	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	65%	Now	$262,800	LIFE	* *	5	$108,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	8%			LIFE	* *	5	$13,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	0-2	$6,000	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : North And South Side								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$5,000	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	50%			2036	* *			
Masonry: Granite	50%	Now	$12,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Entrance								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$800	
Raceway								
Conduit	90%			2031	$303,400	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$400	
Molded Case Bkrs	90%			2047	* *	5	$4,200	
Wiring								
Braided Cloth	80%	2-4	$359,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$600	
Locally Mounted	50%			2044	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	85%			2036	* *	10	$138,700	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	15%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Auditorium								
Explanation : LED Fixtures Installed Five Years Ago.								
Egress Lighting								
Emergency, Battery	25%			2026	$74,600	10	$10,700	
Emergency, Battery	25%			2036	* *	10	$10,700	
Exit, Service	25%			2026	$19,200	1		
Exit, Service	25%			2036	* *	1		
Exterior Lighting								
HID	30%	2-4	$249,000	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Obsolete Ligting Fixtures Which Require Frequent Maintenance.								
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	90%							
Generic	10%			2036	* *	1	$6,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%	0-2	$91,800	2041	* *	1-3	$19,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete System With Limited Capabilities.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2041	* *	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2034	* *	5	$10,600	
Distribution								
Steam Piping/Pump	100%	Now	$71,200	2031	$1,424,300			
Controller Not Working, Extent : Severe, Area Affected : 20%								
Location : Faulty Radiator Actuators Throughout								
Repairs In Progress, Extent : N/A, Area Affected : 10%								
Location : Condensate Pump In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Float And Thermostatic Traps Throughout Basement								
Terminal Devices								
Air Handler	20%			2031	$669,400	1	$22,000	
Convector/Radiator	80%			2029	$1,163,600	1	$46,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	2%			2031	$84,500			
Window/Wall Unit	70%			2026	$471,700	1		
No Component	28%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$29,800	
No Component	70%							
Exhaust Fans								
Interior	20%			2031	$157,800	2	$1,100	
Roof	80%			2026	$276,100	2	$4,400	
Plumbing								

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DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%	Now	$13,600	2029	$681,200	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main And Piping, Basement								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 150 Gallon Units For General Purpose 1-50 Gallon Unit For Kitchen								
HW Heat Exchanger								
Steam Fired	100%			2031	$860,100	4	$17,600	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$44,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Drains								
Storm Drain Piping								
Cast Iron	100%	Now	$31,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Roof Drains								
Sump Pump(s)								
Non-Submersible	100%			2031	$35,600	4	$3,800	
Backflow Preventer								
Generic	100%			2031	$79,400	1	$10,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From 1st To 5th Floor, 1 Unit From Basement To 5th Floor								
Explanation : Two Units. Frequently Out Of Service.								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$5,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **HERBERT H. LEHMAN H.S. - BX**		
Address	: **3000 E. TREMONT AVENUE @HUTCHINSON RIVER PKWY.**		
Borough	: **BRONX**	**Agency's Number**	: **X405**
Program / Asset #	: **BOE0320.000 / 364**	**Yr Built/Renovated**	: **1972 / 2011**
Area Sq Ft	: **398,365**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **5368** **Lot** : **1**	**BIN**	: **2074045**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$4,448,400	$2,010,300
Interior Architecture	$7,694,300	$560,700
Electrical	$1,097,000	$7,133,000
Mechanical	$237,400	$8,230,900
Site Pavements	$250,200	
Total	**$13,727,300**	**$17,934,800**
Importance Code A	$4,622,000	$2,102,800
Importance Code B	$8,351,200	$15,769,700
Importance Code C	$754,200	$62,300
Total	**$13,727,300**	**$17,934,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$53,900		$61,000	
Interior Architecture	$101,900			$41,000
Electrical	$43,100	$36,100	$71,700	$32,700
Mechanical	$86,100	$135,200	$118,900	$139,400
Site Enclosure	$25,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$318,700**	**$179,200**	**$259,500**	**$221,000**
Importance Code A	$83,500	$39,500	$101,200	$39,500
Importance Code B	$187,200	$139,700	$158,300	$181,500
Importance Code C	$48,000			
Total	**$318,700**	**$179,200**	**$259,500**	**$221,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HERBERT H. LEHMAN H.S. - BX
Asset # : 364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	95%	Now	$2,089,700	LIFE	* *	5	$1,746,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 4th Floor At Stair Tower								
Metal Coiling Doors	5%			2044	* *	5	$57,400	
Windows								
Aluminum	95%	Now	$2,000,800	2056	* *	5	$21,000	1
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Metal Louvers	5%			2040	* *	10	$13,800	
Parapets								
Cast in Place Concrete	75%	Now	$300,100	LIFE	* *	5	$172,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal: Cage/Fence	25%			2044	* *	5-10	$43,100	
Roof								
Built-Up (BUR)	20%			2036	* *	10	$48,800	
IRMA/Protected Membrane	50%	4+	$57,700	2036	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Modified Bitumen	5%			2036	* *	10	$12,200	
Paver: Asphalt	25%			2040	* *	10	$91,500	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HERBERT H. LEHMAN H.S. - BX
Asset # : 364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$65,200	
Ceramic Tile	3%	Now	$100,900	2040	* *	5	$8,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Toilets								
Ceramic Tile	2%			2044	* *	5	$11,900	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : 1st Floor								
Terrazzo	25%	4+	$696,800	LIFE	* *	5	$116,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	Now	$905,900	2036	* *	3	$123,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Classrooms And Corridors								
Wood	10%	Now	$355,600	2059	* *	5	$55,900	
Dry Rot/Decay, Extent : Severe, Area Affected : 30%								
Location : Auditorium Stage								
Split/Cracked, Extent : Severe, Area Affected : 25%								
Location : Auditorium Stage								
Interior Walls								
Cast in Place Concrete	5%	4+	$175,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$76,100	2034	* *	5	$6,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Toilets								
Ceramic Tile	2%			2044	* *	5	$9,200	
Recent Construction, Extent : N/A, Area Affected : 2%								
Location : 1st Floor								
Concrete Masonry Unit	5%	Now	$43,400	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	45%	Now	$252,500	LIFE	* *	5	$62,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Staircase A, B, C, D, E And F								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Staircase A								
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HERBERT H. LEHMAN H.S. - BX
Asset # : 364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$48,000	2036	* *	5	$14,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Exposed Struc: Concrete	50%	Now	$893,500	LIFE	* *	5	$46,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	35%	Now	$4,147,000	LIFE	* *	5	$260,900	
Bent/Warped Elements, Extent : Severe, Area Affected : 25%								
Location : Corridors, Cafeteria								
Deformed/Dented, Extent : Severe, Area Affected : 25%								
Location : Corridors								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Corridors								
Plaster	10%	Now	$90,700	LIFE	* *	5	$37,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2051	* *			
Iron Picket	10%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$25,800	2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Base Of Iron Picket Fence Post								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$250,200	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Parking Areas								
Activity Yard								
Asphalt	20%			2040	* *			
Rubber Matting	80%			2036	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : Rear Of Building								
Explanation : Running Track								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
HERBERT H. LEHMAN H.S. - BX
Asset # : 364

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$92,500	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 5,000 Ampere Main Disconnect Switch								
Photovoltaic Panel(s)	10%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Three 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$650,200	5	$1,700	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	5%			2051	* *	1		
Conduit	5%			2061	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$900	
Molded Case Bkrs	10%			2047	* *	5	$1,000	
Molded Case Bkrs	80%			2030	$510,900	5	$8,400	
Wiring								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	85%			2031	$763,700	1		
Thermoplastic	5%			2061	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$290,300	5	$2,100	
Variable Frequency Drive	20%			2051	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$26,800	1	$122,600	
Generators								
Natural Gas	100%			2027	$138,700	1	$154,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 208 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$14,800	
Lighting								

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DEPARTMENT OF EDUCATION - 040
HERBERT H. LEHMAN H.S. - BX
Asset # : 364

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	63%			2031	$3,741,200	10	$230,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	30%			2039	* *	10	$109,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2026	$94,400	10	$300	
Incandescent	5%			2026	$551,800	2	$400	
Egress Lighting								
Emergency, Service	30%			2031	$73,600	1		
Emergency, Service	20%			2039	* *	1		
Emergency, Battery	5%			2026	$33,400	10	$4,800	
Exit, Service	30%			2026	$51,500	1		
Exit, Service	15%			2039	* *	1		
Exterior Lighting								
HID	10%			2026	$185,900	10	$100	
No Component	90%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2026	$74,800	1	$14,900	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2036	* *	1-3	$25,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	75%			2044	* *	1	$295,900	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement								
Explanation : 4 Units								
Steam Boiler	25%	Now	$173,600	2044	* *	1	$88,800	
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Basement No. 2 Boiler Tubes								
Distribution								
Steam Piping/Pump	100%	0-2	$63,800	2051	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Fan Room Penthouse 4th Floor. Steam Leaking Around Hot Water Piping And Blower Unit 9								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HERBERT H. LEHMAN H.S. - BX
Asset # : 364

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2031	$2,998,600	1	$98,500	
Convector/Radiator	60%			2036	* *	1	$77,200	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	40%			2034	* *	1	$172,400	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : Air Conditioning Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Various								
Explanation : R-410a								
Window/Wall Unit	50%			2029	$754,600	1		
Terminal Devices								
Air Handler/Cool/Ht	40%			2031	$3,091,900	1	$98,500	
No Component	60%							
Heat Rejection								
Water Cooling Tower	60%			2029	$1,207,300	2	$240,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$222,100	
Exhaust Fans								
Interior	60%			2036	* *	2	$7,300	
Roof	40%			2036	* *	2	$4,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
HERBERT H. LEHMAN H.S. - BX
Asset # : 364

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2031	$79,800	4	$8,400	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$23,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$22,300	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **HIGH SCHOOL OF ART AND DESIGN -M**		
Address	: **245 EAST 56TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M488**
Program / Asset #	: **BOE1128.000 / 14811**	**Yr Built/Renovated**	: **2012 /**
Area Sq Ft	: **306,128**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,5,7,11,12**		
Block	: **1330** **Lot** : **13**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$58,500	$1,802,800
Interior Architecture	$3,658,300	$2,330,100
Electrical		$266,700
Mechanical	$936,800	$12,323,100
Total	**$4,653,500**	**$16,722,700**
Importance Code A	$58,500	$1,802,800
Importance Code B	$1,667,900	$14,265,500
Importance Code C	$2,927,200	$654,400
Total	**$4,653,500**	**$16,722,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$91,000		$69,500	
Interior Architecture	$17,300		$45,800	$11,500
Electrical	$64,100	$49,900	$57,400	$52,300
Mechanical	$294,000	$229,600	$211,400	$163,700
Site Pavements	$2,600			
Elevators/Escalators	$74,000	$74,000	$74,000	$74,000
Total	**$543,000**	**$353,400**	**$458,100**	**$301,500**
Importance Code A	$106,800	$14,400	$85,300	$14,400
Importance Code B	$431,600	$339,100	$372,900	$287,100
Importance Code C	$4,700			
Total	**$543,000**	**$353,400**	**$458,100**	**$301,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HIGH SCHOOL OF ART AND DESIGN -M
Asset # : 14811

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$36,900	
Metal Panel	80%			2053	* *	5-10	$1,622,700	
Window Wall	10%			2053	* *	5	$110,600	
Windows								
Aluminum	95%			2049	* *	5	$56,500	
Metal Louvers	5%			2042	* *	10	$18,600	
Parapets								
Metal Panel	80%	Now	$58,500	2053	* *	5	$69,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Above Room 1120								
Metal Rail	10%			2046	* *	5-10	$81,000	
Metal: Cage/Fence	10%			2046	* *	5-10	$34,700	
Roof								
IRMA/Protected Membrane	50%	0-2	$27,700	2038	* *			
Ponding, Extent : Light, Area Affected : 2%								
Location : Upper Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper Roof Levels								
Explanation : Gravel Ballast								
IRMA/Protected Membrane	30%	4+	$16,600	2038	* *			
Broken Paver Blocks, Extent : Light, Area Affected : 2%								
Location : 5th Floor Playground And Terrace								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Playground And Terraces								
Explanation : Precast Concrete Pavers								
IRMA/Protected Membrane	20%			2038	* *	10	$23,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 12th Floor Outdoor Terrace								
Explanation : Rubber Pavers								
Soffits								
Metal Panel	100%			2053	* *	5-10	$34,600	
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HIGH SCHOOL OF ART AND DESIGN -M
Asset # : 14811

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	4+	$116,900	LIFE	* *	5	$150,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Sub-basement And Level 2								
Ceramic Tile	5%			2042	* *	5	$22,900	
Poured Epoxy/Resin	5%			2031	$1,283,500			
Quarry Tile	5%			2046	* *	5	$34,400	
Sheet Vinyl/Rubber	5%			2038	* *	5	$34,400	
Vinyl Tile	50%			2038	* *	3	$85,900	
Wood	15%	Now	$82,000	2061	* *	5	$64,400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$146,600	
Ceramic Tile	30%			2042	* *	5	$351,800	
Concrete Masonry Unit	10%	4+	$220,500	LIFE	* *	5	$46,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Stairwells								
Folding Partition	2%	Now	$1,624,200	2049	* *	5	$29,300	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 5th Floor Gymnasium								
Gypsum Board	48%			LIFE	* *	5-10	$957,000	
Metal: Cage/Fence	2%			LIFE	* *	10	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairwells								
Explanation : Steel Cage Partitions								
Wood	3%			LIFE	* *	5	$281,500	
Ceilings								
AcousTileSusp.Lay-In	50%	2-4	$159,400	2046	* *	5	$95,900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Fifth Floor Cafeteria And Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	3%			LIFE	* *	5-10	$14,400	
Exposed Struc: Steel	30%			LIFE	* *	10	$230,100	
Gypsum Board	17%			LIFE	* *	5-10	$224,100	
Site Enclosure								
Fence/Gates								
Exposed Struc: Steel	100%			LIFE	* *			
Free Standing Walls								
Cast in Place Concrete	80%			2068	* *			
Concrete Masonry Unit	20%			2053	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
HIGH SCHOOL OF ART AND DESIGN -M
Asset # : 14811

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$2,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five 1,200 Ampere Service Switches								
Transformers								
Dry Type	100%			2046	* *	5	$1,100	
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$8,100	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	60%			2046	* *	5	$1,200	
Variable Frequency Drive	40%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$9,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$94,200	
Generators								
Diesel	100%			2042	* *	1	$118,600	
Batteries								
Lead/Acid	100%			2027	$2,500	5	$11,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$266,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Incandescent	5%			2038	* *	2	$300	

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DEPARTMENT OF EDUCATION - 040
HIGH SCHOOL OF ART AND DESIGN -M
Asset # : 14811

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Exit, LED	50%			2061	* *	1		
Exit, Battery	50%			2038	* *	10	$10,300	
Exterior Lighting								
HID	10%			2038	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Area								
Explanation : Fixtures Illuminate Playground And Equipment Areas								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Lightning Arrester On Roof Edge And Equipment								
Alarm								
Security System								
Generic	100%			2038	* *	1	$114,300	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : CCTV Cameras Throughout The Building								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$188,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	2%			2053	* *	1		
Natural Gas	98%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	95%			2038	* *	1	$143,800	
Radiant Heater	5%			2038	* *	2	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Vestibules								
Explanation : Electric Heaters For Vestibules Near Elementary School Play Area								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$22,600	
Terminal Devices								
Air Handler	40%			2033	$2,304,300	1	$75,700	
Convector/Radiator	60%			2046	* *	1	$59,300	
Controls								
Digital	40%	Now	$351,700	2031	$3,516,800			
Software Issue Suspected, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pneumatic	60%			2034	* *			

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DEPARTMENT OF EDUCATION - 040
HIGH SCHOOL OF ART AND DESIGN -M
Asset # : 14811

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Heat Pump Water Sourced	30%	0-2	$160,100	2034	* *			
Damaged, Extent : Moderate, Area Affected : 20%								
Location : All Units Have Issues With The Coils Being Clogged Due To Untreated Condenser Water In The Past								
Int Pkg Unit - Heating/Cooling	70%	0-2	$349,100	2031	$3,491,400	2	$10,500	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : All Units Have Clogged Coils From Untreated Condenser Water In The Past								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room On Each Floor								
Explanation : 15 Units								
Distribution								
CW & CHW Wtr Pipe/Pump	20%	0-2	$29,700	2053	* *	4	$3,000	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Sub-basement Mechanical Room Piping								
Damaged, Extent : Severe, Area Affected : 10%								
Location : Manual Valves In Basement Mechanical Room Do Not Hold								
Ductwork/Diffusers	80%			LIFE	* *	2	$398,300	
Heat Rejection								
Water Cooling Tower	100%			2031	$1,546,300	2	$308,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$270,300	
Exhaust Fans								
Interior	50%			2038	* *	2	$4,700	
Roof	50%			2038	* *	2	$4,700	
Heat Recovery Ventilator								
Generic	100%	0-2	$49,000	2031	$490,300			
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Cooling Coils In 2 Units								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement And 12th Floor								
Explanation : 4 Units								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
HIGH SCHOOL OF ART AND DESIGN -M
Asset # : 14811

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$102,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 15th Floor								
Explanation : Two 250 Gallons. Quantity 6								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$12,300	2033	$61,300	4	$6,500	
Broken, Extent : Moderate, Area Affected : 25%								
Location : Sub-basement								
Backflow Preventer								
Generic	100%			2038	* *	1	$18,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And 1st Floor								
Explanation : Two Water Mains								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby								
Explanation : 3 Units From Sub-basement To 15th Floor And 2 Units From Sub-basement To 5th Floor And 7th Floor, Skipping 6th Floor								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$154,400	
Sprinkler								
Generic	100%			2053	* *	1-2	$85,800	
Fire Pump								
Generic	100%			2042	* *	1	$57,200	
Chemical System								
Generic	100%			2031	$734,400	1-3	$669,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Kitchen								
Explanation : Hood Is 180 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **HIGHBRIDGE ENVIRONMENTAL EDUCATIONAL CAMPUS - BX**		
Address	: **200 WEST 167TH STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X361**
Program / Asset #	: **BOE1170.000 / 14916**	**Yr Built/Renovated**	: **2016 /**
Area Sq Ft	: **59,895**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2527** **Lot** : **58**	**BIN**	: **2117349**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$222,300	$90,100
Interior Architecture	$219,000	$221,600
Electrical		$54,900
Mechanical	$247,500	$2,026,200
Total	**$688,800**	**$2,392,800**
Importance Code A	$222,300	$90,100
Importance Code B	$247,500	$2,231,800
Importance Code C	$219,000	$71,000
Total	**$688,800**	**$2,392,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,400		$3,600	
Interior Architecture	$52,000		$50,300	$29,400
Electrical	$12,600	$9,800	$11,100	$12,200
Mechanical	$69,300	$58,500	$38,400	$32,700
Site Pavements	$7,800			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$217,900**	**$78,100**	**$113,300**	**$84,200**
Importance Code A	$69,400	$3,000	$6,500	$3,000
Importance Code B	$129,800	$75,100	$106,800	$54,100
Importance Code C	$18,800			$27,200
Total	**$217,900**	**$78,100**	**$113,300**	**$84,200**

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DEPARTMENT OF EDUCATION - 040
HIGHBRIDGE ENVIRONMENTAL EDUCATIONAL CAMPUS - BX
Asset # : 14916

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	4+	$156,900	LIFE	* *	5	$90,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : By Stair B								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$17,800	
Windows								
Aluminum	95%			2049	* *	5	$13,600	
Metal Louvers	5%			2042	* *	10	$4,500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$14,400	
Concrete Masonry Unit	90%			LIFE	* *	5-10	$49,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Rubber Membrane Flashed Over Parapet Throughout								
Metal Rail	2%			2046	* *	5-10	$3,700	
Corrosion/Rusting, Extent : Light, Area Affected : 2%								
Location : Throughout								
Metal: Cage/Fence	3%			2046	* *	5-10	$2,300	
Roof								
Plaza Roof: Stone Panels	100%	4+	$65,400	2053	* *			
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Explanation : Cracked Pavers								
Soffits								
Exposed Struc: Steel	5%			LIFE	* *	5	$1,300	
Metal Panel	95%			2053	* *	5-10	$26,400	
Interior								
Floors								
Carpet	2%			2032	$31,700	3	$2,700	
Cast in Place Concrete	2%			LIFE	* *	5	$7,800	
Ceramic Tile	5%			2042	* *	5	$4,500	
Poured Epoxy/Resin	3%			2031	$150,700			
Terrazzo	13%			LIFE	* *	5	$18,200	
Vinyl Tile	70%			2038	* *	3	$23,500	
Wood	5%			2061	* *	5	$8,400	
Interior Walls								
Ceramic Tile	23%			2042	* *	5	$54,400	
Concrete Masonry Unit	20%	4+	$88,900	LIFE	* *	5	$18,900	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Bulkhead								
Folding Partition	2%			2049	* *	5	$11,800	
Gypsum Board	50%			LIFE	* *	5-10	$201,100	
Masonry: Brick	3%			LIFE	* *	10	$2,100	
Mosaic Tile	2%			LIFE	* *	10	$3,000	

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DEPARTMENT OF EDUCATION - 040
HIGHBRIDGE ENVIRONMENTAL EDUCATIONAL CAMPUS - BX
Asset # : 14916

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%			2046	* *	5	$74,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$8,800	
Gypsum Board	10%			LIFE	* *	5-10	$30,200	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2043	* *			
Iron Picket	80%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$7,800	2046	* *			
Ponding, Extent : Moderate, Area Affected : 2%								
Location : South Stair								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : South Stair								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes Each.								
Fused Disc Sw	15%			2059	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Photovoltaic Panel(s)	5%			2046	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Solar Equipment Closet								
Explanation : 60 Ampere Solar Array Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 6 - Vertical Sections								
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$1,600	

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DEPARTMENT OF EDUCATION - 040
HIGHBRIDGE ENVIRONMENTAL EDUCATIONAL CAMPUS - BX
Asset # : 14916

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	2%			2046	* *	5		
Variable Frequency Drive	98%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Boiler Room								
Explanation : Variable Frequency Drive								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$18,400	
Generators								
Diesel	100%			2042	* *	1	$23,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,200	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Rating Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$52,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$2,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	10%			2038	* *	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Front, Back, Sides Of The Building								
No Component	90%							

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DEPARTMENT OF EDUCATION - 040
HIGHBRIDGE ENVIRONMENTAL EDUCATIONAL CAMPUS - BX
Asset # : 14916

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$500	
Alarm								
Security System								
Generic	100%			2038	* *	1	$22,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Courtyard								
Explanation : CCTV Surveillance Cameras, Intrusion Alarms And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$36,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$29,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$4,400	
Terminal Devices								
Convector/Radiator	50%			2046	* *	1	$9,700	
No Component	50%							
Controls								
Digital	100%	Now	$172,000	2031	$1,720,200			
Software Issue Suspected, Extent : Severe, Area Affected : 100%								
Location : Software Is Obsolete, Unit Runs On Manual								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2038	* *	2	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units								
Split Unit	5%			2038	* *			

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DEPARTMENT OF EDUCATION - 040
HIGHBRIDGE ENVIRONMENTAL EDUCATIONAL CAMPUS - BX
Asset # : 14916

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	90%			2038	* *	1	$33,300	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,900	
Exhaust Fans								
Interior	10%			2038	* *	2	$200	
Roof	90%			2038	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$15,400	2053	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : 4th Floor Boiler Room Hot Water Pipe								
Sanitary Piping								
Cast Iron	100%	0-2	$75,400	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 10%								
Location : Basement In Heavy Rain								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$3,700	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Boiler Room								
Explanation : 600 Gallon								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units, 1 Out Of Service								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$30,200	
Sprinkler								
Generic	100%			2053	* *	1-2	$16,800	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
HIGHBRIDGE ENVIRONMENTAL EDUCATIONAL CAMPUS - BX
Asset # : 14916

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%	Now	$2,900	2042	* *	1	$10,100	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Fire Pump Due To Leak								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2031	$306,000	1-3	$279,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 75 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **HILLCREST HIGH SCHOOL - Q**		
Address	: **160-05 HIGHLAND AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q505**
Program / Asset #	: **BOE0888.000 / 1480**	**Yr Built/Renovated**	: **1971 / 2009**
Area Sq Ft	: **343,884**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9774** **Lot** : **1**	**BIN**	: **4448767**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$607,800	$3,105,200
Interior Architecture	$6,623,000	$515,700
Electrical	$138,700	$3,473,100
Mechanical	$222,100	$10,833,900
Site Pavements	$135,000	
Total	**$7,726,600**	**$17,927,900**
Importance Code A	$607,800	$6,189,900
Importance Code B	$4,720,600	$11,410,000
Importance Code C	$2,398,200	$328,000
Total	**$7,726,600**	**$17,927,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$104,500		$55,700	
Interior Architecture	$134,400		$9,700	$48,300
Electrical	$94,600	$50,800	$48,600	$54,200
Mechanical	$95,600	$68,700	$114,000	$84,500
Site Enclosure	$100,300			
Site Pavements	$124,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$661,300**	**$127,400**	**$235,900**	**$194,800**
Importance Code A	$138,600	$34,100	$90,400	$34,200
Importance Code B	$402,000	$93,300	$145,500	$160,600
Importance Code C	$120,700			
Total	**$661,300**	**$127,400**	**$235,900**	**$194,800**

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	* *	5	$54,600	
Masonry: Brick	10%	Now	$89,900	LIFE	* *	5	$21,800	
Efflorescence, Extent : Severe, Area Affected : 5%								
Location : South Facade								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Ground Level South And West Facades								
Painted Surfaces, Extent : Light, Area Affected : 25%								
Location : Ground Level								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 280a, B, C, D, Exits 11 And 12, Boiler Room To Public School 86								
Masonry: Brick	5%			LIFE	* *	5	$10,900	
Metal Coiling Doors	2%			2036	* *	5	$13,700	
Pre-Cast Concrete	57%	Now	$451,600	LIFE	* *	5	$404,700	
Staining/Discoloring, Extent : Severe, Area Affected : 25%								
Location : All Facades Below Windows And Underside Panel To Soffits								
Window Wall	1%	Now	$66,300	2061	* *	5	$4,100	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : South Facade Towards Entrance								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : South Facade Towards Entrance								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 2%								
Location : First Floor Upper Glass Facing South Towards Entrance								
Windows								
Aluminum	90%	Now	$43,000	2039	* *	5	$22,600	
Glazing Broken/Cracked, Extent : Severe, Area Affected : 2%								
Location : Classroom 418								
Metal Louvers	10%	2-4	$5,600	2034	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : East Tower Roof Vent								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : East Roof Tower Vents								
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$4,800	
Metal Panel	20%			2041	* *	5	$14,900	
Metal Rail	5%			2044	* *	5-10	$17,300	
Pre-Cast Concrete	50%	2-4	$39,000	LIFE	* *	5	$60,400	
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Coping Stone Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	85%			2031	$2,351,300	10	$201,500	
Copper/Terne	7%			2046	* *	10	$41,500	
Panel/Paver: Cer/Brk	2%	Now	$6,400	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Plaza Over Tunnel Joining Public School 86								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Plaza Over Tunnel Joining Public School 86								
Plaza Roof: Stone Panels	5%			2051	* *			
Skylight, Plastic	1%			2044	* *	1		
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$28,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$112,600	
Ceramic Tile	3%	Now	$87,100	2034	* *	5	$7,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Panel/Paver: Cer/Brk	5%	0-2	$122,500	2039	* *	5	$29,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stairwells And Corridor								
Quarry Tile	5%	Now	$37,900	2036	* *	5	$19,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Fourth And Third Floor Kitchens								
Vinyl Tile	5%			2036	* *	3	$12,900	
Vinyl Tile 9" X 9"	70%	Now	$3,179,500	2041	* *	3	$135,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Corridors								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Kitchen Office On Third Floor								
Wood	2%			2066	* *	5	$19,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasiums								

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	25%	Now	$1,270,700	2034	* *	5	$115,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Womens Staff Bathroom								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms, Kitchen And Base Of Corridors								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : Bathrooms, Kitchen And Base Of Corridors								
Concrete Masonry Unit	12%			LIFE	* *	5	$44,300	
Folding Partition	1%	Now	$767,700	2056	* *	5	$11,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Both Gymnasiums								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Both Gymnasiums								
Explanation : Folding Doors Inoperable Due To New Raised Wood Floors								
Masonry: Brick	5%			LIFE	* *			
Plaster	50%	Now	$224,800	LIFE	* *	5	$138,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Corridors								
Wood	2%			LIFE	* *	5	$73,900	

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$48,400	2036	* *	5	$37,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Corridors								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Corridors								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
AcousTileConcealSpLn	10%			2044	* *	5	$62,600	
AcousTileSusp.Lay-In	3%			2044	* *	5	$15,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasiums								
Explanation : Suspended								
Exposed Struc: Concrete	58%	Now	$871,200	LIFE	* *	5	$45,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : Tunnel To Public School 86								
Exposed Reinforcement, Extent : Severe, Area Affected : 1%								
Location : Tunnel To Public School 86								
Metal Panel	10%	0-2	$33,200	LIFE	* *	5	$62,600	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout Corridor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Corridor Near Elevator And Cafeteria								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Third And Fourth Floor Corridors								
Explanation : Corrugated Suspended Metal Panels								
Metal Panel	2%	Now	$66,400	LIFE	* *	5	$12,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Third Floor Kitchen								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Kitchen								
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Third Floor Kitchen								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Third And Fourth Floor Kitchen								
Plaster	2%	4+	$6,100	LIFE	* *	5	$6,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Metal Joint At Auditorium Ceiling								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	10%	Now	$33,700	2061	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Tennis, Handball And Basketball Courts Adjacent To School								
Corrosion/Rusting, Extent : Severe, Area Affected : 75%								
Location : Tennis, Handball And Basketball Courts Adjacent To School								
Impact Damage, Extent : Severe, Area Affected : 10%								
Location : Handball And Tennis Courts								
Chain Link	30%			2041	* *			
Iron Picket	60%	2-4	$11,000	2051	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Throughout And At Gates On North Facade								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Parsons Boulevard And Highland Avenue								
Free Standing Walls								
Cast in Place Concrete	30%	Now	$500	2051	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : East And West Facades								
Explanation : Paint Peeling								
Masonry: Brick	70%	Now	$10,800	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout East, West And South Facades								
Retaining Walls								
Cast in Place Concrete	30%			2051	* *			
Masonry: Brick	70%	Now	$44,200	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : East, West And South Facades								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : East And South Facades								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : East, West And South Facades								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : East, West And South Facades At Coping Stones								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$18,900	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	20%	Now	$8,300	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Field Walkway								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Field Walkway								
Cast in Place Concrete	70%	Now	$45,800	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : West And South Walkways								
Cracking/Crumbling, Extent : Moderate, Area Affected : 7%								
Location : West And South Walkways								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : West And South Walkways								
Pavers/Stone	10%	Now	$10,400	2034	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Steps At South And East Facades								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Steps At South Facade								
Parking/Driveway								
Asphalt	60%	Now	$135,000	2046	* *			
Ponding, Extent : Severe, Area Affected : 50%								
Location : North Parking Lot								
Potholes, Extent : Severe, Area Affected : 10%								
Location : North Parking Lot								
Sinking/Subsiding, Extent : Severe, Area Affected : 30%								
Location : North Parking Lot								
Asphalt	25%			2034	* *			
Cast in Place Concrete	15%			2044	* *			
Activity Yard								
Asphalt	50%			2044	* *			
Asphalt	50%	Now	$40,500	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : North Court								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	85%			2031	$87,400	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 6,000 Amperes.								
Fused Disc Sw	15%			2057	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 1,200 Amperes Serving The Solar Panel System								
Transformers								
Dry Type	100%			2048	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 330 Kilovolt-amperes, 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	95%			2031	$617,700	5	$1,400	
Molded Case Bkrs	5%			2051	* *	5	$500	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$800	
Fused Disc Sw	5%			2047	* *	5	$400	
Molded Case Bkrs	10%			2047	* *	5	$900	
Molded Case Bkrs	75%			2030	$479,000	5	$6,800	
Wiring								
Thermoplastic	90%			2031	$808,600	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2048	* *	5	$1,400	
Locally Mounted	30%			2029	$108,900	5	$700	
Variable Frequency Drive	10%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$26,800	1	$105,800	
Generators								
Natural Gas	100%			2027	$138,700	1	$133,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rate At 25 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$76,600	

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2039	* *	10	$293,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2039	* *	10	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$41,500	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	25%			2031	$401,100	10	$300	
LED	5%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$38,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$218,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$799,700	5	$106,500	
Conversion Equipment								
Steam Boiler	100%			2029	$2,997,400	1	$340,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$55,100	2041	* *			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Thermostats, Various Locations								

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2031	$1,617,800	1	$53,200	
Convector/Radiator	65%			2036	* *	1	$72,200	
Fan Coil Unit/Heat	10%			2031	$852,600	1	$11,100	
Air Conditioning								
Energy Source								
Electricity	60%			2039	* *	1		
Steam/HW System	15%			2041	* *	1		
No Component	25%							
Conversion Equipment								
Absorption Chiller/Steam/HW	15%			2034	* *	1	$55,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Window/Wall Unit	60%			2029	$781,600	1		
No Component	25%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%			2041	* *	4	$3,800	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2031	$750,700	1	$31,900	
No Component	85%							
Heat Rejection								
Water Cooling Tower	15%			2032	$195,400	2	$51,900	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$191,800	
Exhaust Fans								
Interior	20%			2031	$305,000	2	$2,100	
Roof	80%	0-2	$10,700	2031	$533,800	2	$6,700	
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$1,662,900	4	$34,000	
Sanitary Piping								
Cast Iron	8%	Now	$6,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Water Backs Up Into The Hallway In Basement								
Cast Iron	92%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	5%	0-2	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : At Loading Dock								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	20%	0-2	$300	2026	$13,800	4	$1,500	
Controller Not Working, Extent : Moderate, Area Affected : 2%								
Location : Auto Starter, Basement								
Non-Submersible	80%			2026	$55,100	4	$5,800	
Backflow Preventer								
Generic	100%			2031	$153,600	1	$21,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$173,400	
Sprinkler								
No Component	85%							
Generic	15%			2041	* *	1-2	$14,400	
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **HS FOR CONSTRUCTION TRADES, ENGINEERING & ARCHITECTURE - Q**
Address : **94-06 104TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE1049.000 / 14262**
Area Sq Ft : **157,711**
Date of Survey : **24-Feb-2021**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **9381** **Lot** : **44**

Agency's Number : **Q650**
Yr Built/Renovated : **2006 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4438609**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$168,300	$320,000
Interior Architecture	$88,500	$224,500
Electrical	$133,100	
Total	**$389,900**	**$544,500**
Importance Code A	$168,300	$320,000
Importance Code B	$221,600	$140,200
Importance Code C		$84,300
Total	**$389,900**	**$544,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$2,200		$15,100
Interior Architecture	$8,600	$45,700	$37,100	$7,400
Electrical	$15,400	$16,800	$20,800	$17,500
Mechanical	$18,000	$20,900	$30,000	$17,900
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$53,800**	**$97,400**	**$99,700**	**$69,800**
Importance Code A	$7,800	$10,000	$7,800	$23,300
Importance Code B	$37,400	$87,400	$60,700	$46,500
Importance Code C	$8,600		$31,200	
Total	**$53,800**	**$97,400**	**$99,700**	**$69,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

HS FOR CONSTRUCTION TRADES, ENGINEERING & ARCHITECTURE - Q

Asset # : 14262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$4,300	
Masonry: Brick	45%			LIFE	* *	5	$61,300	
Metal Panel	25%			2052	* *	5-10	$234,100	
Pre-Cast Concrete	20%			LIFE	* *	5	$88,500	
Window Wall	5%			2052	* *	5	$25,500	
Windows								
Aluminum	100%			2048	* *	5	$20,100	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$14,700	
Masonry: Brick	30%			LIFE	* *	5	$1,200	
Metal Panel	30%			2052	* *	5	$4,700	
Metal Rail	5%			2045	* *	5-10	$3,700	
Roof								
IRMA/Protected Membrane	85%			2037	* *	10	$88,800	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100% *Location : Throughout*								
IRMA/Protected Membrane	15%			2037	* *	10	$15,700	
Paver Block Ballast, Extent : Light, Area Affected : 100% *Location : Over Lobby*								
Soffits								
Metal Panel	20%			2052	* *	5-10		
Stucco Cement	80%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,600	
Ceramic Tile	5%			2041	* *	5	$11,800	
Quarry Tile	5%			2045	* *	5	$17,700	
Terrazzo	15%			LIFE	* *	5	$27,700	
Traffic Topping	5%			2037	* *	5	$14,800	
Other Observation, Extent : N/A, Area Affected : 100% *Location : Auditorium* *Explanation : Floor Finish In Aisles*								
Vinyl Tile	50%			2037	* *	3	$44,300	
Wood	10%			2060	* *	5	$44,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

HS FOR CONSTRUCTION TRADES, ENGINEERING & ARCHITECTURE - Q

Asset # : 14262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium Entrance								
Explanation : This Is Actually Pre-cast Concrete Panels								
Ceramic Tile	20%			2041	* *	5	$62,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,200	
Folding Partition	1%	Now	$8,600	2048	* *	5	$3,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Partition In Gymnasium Is Non-functioning								
Folding Partition	1%			2048	* *	5	$7,800	
Glass: Single Pane	3%			LIFE	* *	5	$7,000	
Gypsum Board	45%			LIFE	* *	5	$84,300	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	75%			2045	* *	5	$177,000	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$44,300	
Metal Panel	5%			LIFE	* *	5	$14,800	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2052	* *			
Concrete Masonry Unit	40%			2052	* *			
Iron Picket	10%			2067	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Around Emergency Generator								
Explanation : Custom Metal Louver Screen								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2045	* *			
Pavers/Stone	20%			2041	* *			
Parking/Driveway								
Asphalt	100%			2041	* *			
Activity Yard								
Asphalt	90%			2041	* *			
Rubber Matting	10%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

HS FOR CONSTRUCTION TRADES, ENGINEERING & ARCHITECTURE - Q

Asset # : 14262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4,000 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$700	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$400	
Molded Case Bkrs	90%			2048	* *	5	$3,700	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$48,500	
Generators								
Diesel	100%			2041	* *	1	$61,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard Outside								
Explanation : One 360 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$5,800	
Fuel Storage								
Main Tank	100%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard Outside								
Explanation : One 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040

HS FOR CONSTRUCTION TRADES, ENGINEERING & ARCHITECTURE - Q

Asset # : 14262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2037	* *	10	$133,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2040	* *	10	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby And Cafeteria								
Explanation : Compact Fluorescent Lamps								
LED	2%			2037	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED High Bay Light Fixtures								
Egress Lighting								
Emergency, Service	60%			2037	* *	1		
Exit, Service	40%			2037	* *	1		
Exterior Lighting								
Fluorescent	10%			2037	* *	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Compact Fluorescent Lamps								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$17,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside And Stair Cases								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$29,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2037	* *	1	$78,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 10 Rooftop Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

HS FOR CONSTRUCTION TRADES, ENGINEERING & ARCHITECTURE - Q

Asset # : 14262

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2037	* *	2	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 10 Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,900	
Exhaust Fans								
Roof	100%			2037	* *	2	$4,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor H. W. Room								
Explanation : 1 Unit With Storage Tank In Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$9,400	
Backflow Preventer								
Generic	100%			2037	* *	1	$9,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Units From Basement To 4th Floor, 1 Unit From Basement To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$44,200	
Fire Pump								
Generic	100%			2041	* *	1	$29,500	
Chemical System								
No Component	97%							
Generic	3%			2030	$2,400	1-3	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **HUNTERS POINT CAMPUS - Q**		
Address	: **1-50 51ST AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q404**
Program / Asset #	: **BOE1158.000 / 14904**	**Yr Built/Renovated**	: **2012 /**
Area Sq Ft	: **150,803**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5,Ph**		
Block	: **6** **Lot** : **8**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$214,600	$158,700
Interior Architecture	$411,400	$336,400
Electrical		$138,300
Mechanical		$122,400
Total	**$626,000**	**$755,800**
Importance Code A	$214,600	$158,700
Importance Code B	$160,800	$421,500
Importance Code C	$250,600	$175,600
Total	**$626,000**	**$755,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$137,100	$30,400		
Interior Architecture	$177,800	$26,800	$58,100	
Electrical	$31,500	$24,600	$28,900	$27,000
Mechanical	$129,900	$66,300	$86,300	$57,300
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$486,300**	**$157,800**	**$183,100**	**$94,200**
Importance Code A	$144,600	$37,800	$7,500	$7,500
Importance Code B	$273,200	$104,000	$175,700	$86,700
Importance Code C	$68,500	$16,100		
Total	**$486,300**	**$157,800**	**$183,100**	**$94,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HUNTERS POINT CAMPUS - Q
Asset # : 14904

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$66,400	
Masonry: Brick Cavity	60%			LIFE	* *	5	$169,900	
Masonry: Granite	20%			LIFE	* *	5	$42,500	
Metal/Glass Curt Wall	5%	Now	$23,900	LIFE	* *	5	$13,300	
Air Infiltration, Extent : Moderate, Area Affected : 5%								
Location : Stairwell B								
Metal Panel	2%			2059	* *	5-10	$19,500	
Window Wall	10%			2059	* *	5	$53,100	
Windows								
Aluminum	17%	Now	$27,000	2055	* *	5	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms And Offices								
Aluminum	83%			2055	* *	5	$55,400	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$71,100	
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$91,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior Parapet								
Explanation : Waterproof Membrane Installed Over Brick								
Metal: Cage/Fence	5%			2050	* *	5-10	$6,500	
Roof								
IRMA/Protected Membrane	78%			2038	* *	10	$73,700	
Metal Panel	10%			2050	* *	10	$17,300	
Modified Bitumen	2%			2038	* *	10	$1,900	
Plaza Roof: Stone Panels	10%			2059	* *			
Soffits								
Metal Panel	100%			2059	* *	5-10		
Interior								
Floors								
Carpet	2%			2034	* *	3	$6,800	
Ceramic Tile	15%			2046	* *	5	$33,900	
Quarry Tile	5%			2050	* *	5	$16,900	
Steel Grating	2%			2059	* *	1		
Traffic Topping	18%			2041	* *	5	$50,800	
Vinyl Tile	56%			2041	* *	3	$47,400	
Wood	2%			2068	* *	5	$8,500	
Interior Walls								
Ceramic Tile	40%			2046	* *	5	$171,400	
Concrete Masonry Unit	20%			LIFE	* *	5	$68,500	
Folding Partition	3%			2055	* *	5	$32,100	
Gypsum Board	35%			LIFE	* *	5-10	$254,900	
Wood	2%			LIFE	* *	5	$68,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HUNTERS POINT CAMPUS - Q
Asset # : 14904

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	4+	$11,100	2050	* *	5	$16,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	57%			2050	* *	5	$126,900	
Exposed Struc: Steel	8%			LIFE	* *	10	$35,600	
Gypsum Board	10%			LIFE	* *	5-10	$76,500	
Metal Panel	5%			LIFE	* *	5	$27,800	
Wood	5%			LIFE	* *	5	$194,700	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2059	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Along Borden Avenue								
Explanation : Planter Seating								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	20%			2046	* *			
Pavers/Stone	80%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes And 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	90%			2049	* *	5	$3,600	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Motor Control Center	50%			2046	* *	5	$2,100	
Variable Frequency Drive	50%			2046	* *			
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HUNTERS POINT CAMPUS - Q
Asset # : 14904

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$46,400	
Generators								
Diesel	100%			2042	* *	1	$58,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$5,600	
Fuel Storage								
Day Tank	30%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 75 Gallons Rated Capacity								
Main Tank	70%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	10%			2038	* *	10	$13,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, Auditorium, Hallways, Basement								
Explanation : Compact Fluorescent Lights								
Fluorescent	90%			2038	* *	10	$124,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
Fluorescent	10%			2038	* *	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Compact Fluorescent Lights								
HID	10%			2038	* *	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,000	
Alarm								

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DEPARTMENT OF EDUCATION - 040
HUNTERS POINT CAMPUS - Q
Asset # : 14904

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2038	* *	1	$56,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$92,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$74,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	5%	0-2	$300	2049	* *	4	$400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Building Management System								
Hot Wtr Piping/Pump	95%			2049	* *	4	$10,600	
Terminal Devices								
Air Handler	10%	Now	$5,700	2038	* *	1	$8,400	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Roof								
Explanation : Water Leaks Into Unit No.4 And 5 When It Rains, It Causes Leaking Into Cafeteria.								
Air Handler	70%			2038	* *	1	$65,300	
Convector/Radiator	20%			2046	* *	1	$9,700	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2038	* *	1	$69,900	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Multistacks Units On Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HUNTERS POINT CAMPUS - Q
Asset # : 14904

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2053	* *	4	$1,100	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$93,300	
Heat Rejection								
Dry Cooler	100%			2038	* *	2	$105,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$133,100	
Exhaust Fans								
Roof	100%			2038	* *	2	$4,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Tankless Unit With Two 180 Gallon Tanks								
Sanitary Piping								
Cast Iron	5%	Now	$1,900	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Bathroom 361								
Explanation : Wrong Piping Connection To Kitchen Causes Water Backing Up In 3rd Floor Bathroom 361.								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	5%	0-2	$500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Locker Room								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$4,600	4	$4,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$9,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor To 5th Floor								
Explanation : 2 Elevators								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HUNTERS POINT CAMPUS - Q
Asset # : 14904

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$76,000	
Sprinkler								
Generic	100%			2053	* *	1-2	$42,200	
Fire Pump								
Generic	100%			2042	* *	1	$28,200	
Chemical System								
Generic	100%			2031	$122,400	1-3	$111,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 30 Square Feet In Kitchen								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 2 - SI**		
Address	: **333 MIDLAND AVENUE @ BOUNDARY AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R002**
Program / Asset #	: **BOE0899.000 / 1465**	**Yr Built/Renovated**	: **1963 / 2013**
Area Sq Ft	: **152,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3696** **Lot** : **100**	**BIN**	: **5053571**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$143,200	$241,500
Interior Architecture	$3,169,400	$298,200
Electrical		$1,392,900
Mechanical	$40,000	$1,568,200
Total	**$3,352,600**	**$3,500,700**
Importance Code A	$143,200	$241,500
Importance Code B	$3,102,200	$3,200,800
Importance Code C	$107,200	$58,500
Total	**$3,352,600**	**$3,500,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$120,000			
Interior Architecture	$149,500		$24,700	$1,500
Electrical	$55,100	$24,800	$25,200	$28,700
Mechanical	$90,700	$75,500	$55,400	$43,300
Site Pavements	$46,600			
Total	**$461,800**	**$100,300**	**$105,300**	**$73,600**
Importance Code A	$136,000	$16,000	$16,000	$16,000
Importance Code B	$158,800	$84,300	$80,900	$57,600
Importance Code C	$167,100		$8,400	
Total	**$461,800**	**$100,300**	**$105,300**	**$73,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%	0-2	$26,700	LIFE	* *	5	$111,500	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Main Entrance								
Masonry: Brick	35%	0-2	$42,800	LIFE	* *	5	$26,000	
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	35%			2053	* *	5-10	$178,800	
Windows								
Aluminum	100%	Now	$46,400	2049	* *	5	$9,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Clerestory Above Stage								
Roof								
Built-Up (BUR)	95%	Now	$143,200	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And 3rd Floor Classrooms								
Copper/Terne	5%			2061	* *	10	$16,100	
Soffits								
Cast in Place Concrete	100%	Now	$4,100	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Interior								
Floors								
Cast in Place Concrete	30%	Now	$308,100	LIFE	* *	5	$158,500	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Electrical Room B18								
Ceramic Tile	5%	Now	$68,100	2042	* *	5	$6,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$18,900	
Vinyl Tile	50%			2041	* *	3	$45,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$2,131,100	2043	* *	3	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	4+	$72,000	2048	* *	5	$11,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$25,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room								
Ceramic Tile	5%	Now	$46,200	2036	* *	5	$8,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets								
Concrete Masonry Unit	5%			LIFE	* *	5	$13,400	
Folding Partition	2%			2041	* *	5	$16,800	
Plaster	58%			LIFE	* *	5-10	$165,600	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$42,000	
Ceilings								
AcousTile,Adhered	19%	Now	$289,000	2038	* *	5	$22,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Throughout								
AcousTileSusp.Lay-In	1%			2046	* *	5	$2,400	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$59,100	
Metal Panel	5%	0-2	$19,600	LIFE	* *	5	$14,800	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout Kitchen								
Plaster	55%			LIFE	* *	5-10	$223,400	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Iron Picket	25%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$22,400	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Various								
Parking/Driveway								
Asphalt	70%			2042	* *			
Cast in Place Concrete	30%	Now	$24,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : By Dumpsters								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2063	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switches For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2059	* *	5	$4,000	
Raceway								
Conduit	60%			2033	$173,300	1		
Conduit	40%			2053	* *	1		
Panelboards								
Fused Disc Sw	3%			2049	* *	5	$100	
Fused Disc Sw	7%			2032	$21,000	5	$200	
Molded Case Bkrs	50%			2032	$149,700	5	$2,000	
Molded Case Bkrs	40%			2049	* *	5	$1,600	
Wiring								
Thermoplastic	60%			2033	$239,700	1		
Thermoplastic	40%			2053	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	$18,100	5	$100	
Locally Mounted	80%			2046	* *	5	$800	
Variable Frequency Drive	10%			2053	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$46,800	
Generators								
Natural Gas	100%			2046	* *	1	$58,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 100 Kilowatt, 125 Kilovolt Amperes Attached With 75 Kilowatt Load Bank								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$5,600	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$135,400	10	$19,500	
Exit, Service	50%			2028	$34,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2028	$141,800	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	50%			2041	* *	1	$28,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Surveillance Cameras System								
Generic	50%			2028	$142,700	1	$28,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Introsion System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$392,100	1-3	$96,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$159,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2053	* *	4	$11,900	
Terminal Devices								
Air Handler	20%			2033	$607,300	1	$20,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	80%			2038	* *	1	$41,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	25%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 25%								
Location : Auditorium								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Auditorium								
Explanation : 8 Split Units								
Window/Wall Unit	25%			2028	$152,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$142,500	
Exhaust Fans								
Interior	50%	0-2	$35,800	2033	$357,800	2	$2,000	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement Fan Room. Defective House Exhaust Fan.								
Roof	50%			2033	$156,500	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$32,300	4	$5,100	
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$9,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2043	* *	1-2	$6,800	
Chemical System								
Generic	100%			2031	$293,800	1-3	$267,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression System. Dimension 4 Feet X 18 Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 5 - Q**		
Address	: **50-40 JACOBUS STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q005**
Program / Asset #	: **BOE0988.000 / 4471**	**Yr Built/Renovated**	: **1997 / 2003**
Area Sq Ft	: **179,991**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2450** **Lot** : **17**	**BIN**	: **4454423**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$128,400	$451,200
Interior Architecture	$167,200	$285,400
Electrical		$3,115,200
Mechanical		$7,418,200
Total	**$295,600**	**$11,269,900**
Importance Code A	$128,400	$451,200
Importance Code B	$167,200	$10,818,800
Total	**$295,600**	**$11,269,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,300	$39,700		
Interior Architecture	$6,700		$15,300	$20,200
Electrical	$30,400	$26,300	$28,000	$24,600
Mechanical	$100,800	$70,500	$91,200	$46,900
Site Enclosure	$3,300			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$221,400**	**$148,400**	**$146,300**	**$103,600**
Importance Code A	$86,200	$57,900	$17,800	$17,800
Importance Code B	$131,900	$90,500	$119,900	$85,800
Importance Code C	$3,300		$8,600	
Total	**$221,400**	**$148,400**	**$146,300**	**$103,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	4+	$16,900	LIFE	* *	5	$28,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Facades								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,800	
Masonry: Brick Cavity	62%			LIFE	* *	5	$117,000	
Metal Panel	15%			2050	* *	5-10	$194,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$61,300	
Windows								
Aluminum	98%	4+	$75,300	2046	* *	5	$15,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Louvers	2%			2039	* *	10	$4,000	
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$40,700	
Masonry: Brick Cavity	20%			LIFE	* *	5	$3,900	
Pre-Cast Concrete	60%			LIFE	* *	5	$74,400	
Roof								
Built-Up (BUR)	35%	4+	$25,300	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classrooms								
IRMA/Protected Membrane	32%			2035	* *	10	$39,700	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Metal Panel	25%			2043	* *	10	$56,800	
Roll Roofing	5%			2029	$40,300	5	$10,300	
Skylight, Metal/Glass	3%	4+	$20,900	2050	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Soffits								
Masonry: Brick	60%			LIFE	* *	5		
Stucco Cement	40%			2043	* *	5		
Interior								
Floors								
Carpet	5%			2029	$238,200	3	$20,200	
Cast in Place Concrete	17%	0-2	$77,900	LIFE	* *	5	$100,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : A005 Electric Service Equipment Room								
Ceramic Tile	5%			2039	* *	5	$13,500	
Quarry Tile	5%			2043	* *	5	$20,200	
Terrazzo	3%			LIFE	* *	5	$6,300	
Vinyl Tile	60%	4+	$89,300	2035	* *	3	$60,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, Corridors								
Wood	5%			2058	* *	5	$25,300	

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	47%			LIFE	* *	5	$43,000	
Folding Partition	3%			2046	* *	5	$17,100	
Gypsum Board	5%			LIFE	* *	5	$6,900	
Mosaic Tile	10%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$45,700	
Ceilings								
AcousTileConcealSpLn	55%			2043	* *	5	$185,200	
AcousTileSusp.Lay-In	15%			2043	* *	5	$40,400	
Exposed Struc: Concrete	10%			LIFE	* *	5	$4,200	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$33,700	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2050	* *			
Iron Picket	95%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%	Now	$3,300	2065	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Handball Wall								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Handball Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,600 Amperes And 1,200 Amperes.								

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DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2035	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Transformer Rated At 1,500 Kilovolt-ampere, 480/277/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Seven Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	20%			2038	* *	5	$800	
Molded Case Bkrs	80%			2038	* *	5	$3,800	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$55,400	
Generators								
Diesel	70%			2033	$97,100	1	$48,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 350 Kilowatts								
Diesel	30%			2033	$41,600	1	$20,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$6,700	
Fuel Storage								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2030	$2,522,100	10	$155,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2030	$134,200	10	$8,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
HID	1%			2030	$21,300	10	$100	
Egress Lighting								
Emergency, Service	50%			2030	$55,400	1		
Exit, LED	40%			2045	* *	1		
Exit, Service	10%			2030	$7,800	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$101,400	1	$20,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$110,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$178,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$28,800	2050	* *			
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Building Management System, 1 Set Of Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	60%			2030	$2,032,300	1	$66,800	
Convector/Radiator	40%			2035	* *	1	$23,300	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2030	$2,124,300	1	$66,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units. Penthouse								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2040	* *	4	$10,600	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2030	$2,235,200	1	$89,000	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	80%			2030	$333,500	2	$100,300	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,400	
Exhaust Fans								
Interior	75%			2030	$598,700	2	$4,100	
Roof	25%			2035	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Condemn Unit Remains In Place								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2030	$36,000	4	$3,800	
Sewage Ejector(s)								
Electric	100%			2030	$94,200	4	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	35%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor To Penthouse								
Explanation : 1 Unit, It Is Shaky.								
Hydraulic	65%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$90,700	
Sprinkler								
No Component	75%							
Generic	25%			2050	* *	1-2	$12,600	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Sets								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 7 - SI**
Address : **1270 HUGUENOT AVENUE @HYLAN BLVD.**
Borough : **STATEN ISLAND** | **Agency's Number** : **R007**
Program / Asset # : **BOE0903.000 / 1454** | **Yr Built/Renovated** : **1965 / 2009**
Area Sq Ft : **160,000** | **Project Type** : **EDUCATION**
Date of Survey : **01-Dec-2021** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **6544** **Lot** : **1** | **BIN** : **5082345**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$561,500	$1,520,600
Interior Architecture	$4,131,300	$9,629,900
Electrical		$4,355,000
Mechanical	$2,513,500	$4,204,300
Site Pavements	$122,300	
Total	**$7,328,600**	**$19,709,900**
Importance Code A	$561,500	$2,966,600
Importance Code B	$4,636,900	$16,686,800
Importance Code C	$2,130,200	$56,500
Total	**$7,328,600**	**$19,709,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,500		$12,100	
Interior Architecture	$219,900		$4,500	$17,000
Electrical	$20,300	$14,900	$15,700	$19,800
Mechanical	$313,300	$92,100	$67,600	$61,200
Site Enclosure	$47,100			
Site Pavements	$25,900			
Total	**$649,000**	**$107,000**	**$99,900**	**$98,000**
Importance Code A	$38,300	$15,800	$27,900	$15,800
Importance Code B	$527,100	$91,200	$72,000	$82,200
Importance Code C	$83,600			
Total	**$649,000**	**$107,000**	**$99,900**	**$98,000**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	50%			LIFE	* *	5	$648,300	
Masonry: Brick	45%			LIFE	* *	5	$124,500	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Bulkhead And Chimney								
Pre-Cast Concrete	5%			LIFE	* *	5	$44,900	
Windows								
Aluminum	95%	Now	$175,200	2041	* *	5	$18,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Louvers	5%			2036	* *	10	$12,100	
Parapets								
Metal: Cage/Fence	100%			2038	* *	5-10	$181,800	
Roof								
Copper/Terne	5%			2048	* *	10	$10,500	
Modified Bitumen	95%			2033	$872,600	10	$79,800	
Soffits								
Ceramic Tile	80%			2043	* *	10	$1,100	
Stucco Cement	20%			2038	* *	5	$700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2032	$160,700	3	$13,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main, Principal And Assistant Principal Offices								
Explanation : Newly Identified Component								
Cast in Place Concrete	10%	Now	$30,900	LIFE	* *	5	$39,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Ceramic Tile	5%			2042	* *	5	$9,100	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Kitchen								
Sheet Vinyl/Rubber	10%			2038	* *	5	$27,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Library And Music Room								
Explanation : Newly Identified Component								
Terrazzo	5%	0-2	$42,500	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Entry Stairs								
Vinyl Tile	30%	Now	$75,300	2033	$1,505,600	3	$20,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	4+	$1,603,200	2033	$8,015,900	3	$17,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	10%			2048	* *	5	$34,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	1%	Now	$15,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room, Tank Room And Delivery Entrance								
Concrete Masonry Unit	12%	Now	$236,000	LIFE	* *	5	$20,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Gymnasium And Delivery Entrance								
Folding Partition	3%	Now	$1,738,300	2058	* *	5	$15,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Explanation : Partition Removed								
Metal Panel	2%	4+	$21,600	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Newly Identified Component								
Marble Panels	12%			LIFE	* *	10	$20,100	
Plaster	45%			LIFE	* *	5-10	$160,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$52,300	
Ceilings								
AcousTile,Adhered	23%	Now	$123,200	2038	* *	5	$19,100	
Adhesion Failure, Extent : Severe, Area Affected : 5%								
Location : Basement								
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout And Basement								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Library And Throughout								
Exposed Struc: Concrete	40%	2-4	$199,500	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	15%			LIFE	* *	10	$49,900	
Fiber Board	2%			2033	$51,900			
Metal Panel	10%			LIFE	* *	5	$41,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria And Kitchen								
Explanation : Newly Identified Component								
Plaster	10%			LIFE	* *	5-10	$28,600	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%			2059	* *			
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Activity Yard								
Explanation : Recent Installation								
Retaining Walls								
Cast in Place Concrete	100%	4+	$47,100	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$122,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	0-2	$21,800	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%	0-2	$4,200	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Front Steps								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Front Steps								
Parking/Driveway								
Asphalt	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Installation								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Main Service Disconnect Switches Rated At 800 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$700	
Raceway								
Conduit	80%			2033	$231,100	1		
Conduit	20%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$400	
Fused Disc Sw	2%			2041	* *	5	$100	
Fused Toggle Switch	1%			2032	$3,000	5		
Molded Case Bkrs	80%			2032	$239,500	5	$3,400	
Molded Case Bkrs	7%			2041	* *	5	$300	
Wiring								
Braided Cloth	40%			2032	$159,800	1		
Thermoplastic	40%			2033	$159,800	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,700	
Lighting								
Interior Lighting								
Fluorescent	94%			2033	$2,242,000	10	$137,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	$47,700	10	$2,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium Lobby								
Incandescent	2%			2028	$88,700	2	$100	
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2033	$9,900	1		
Emergency, Battery	40%			2033	$107,400	10	$15,400	
Exit, Battery	50%			2038	* *	10	$5,400	
Exterior Lighting								
Incandescent	1%			2028	$8,600	2		
LED	9%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$29,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$29,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$412,700	1-3	$101,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$49,600	
Conversion Equipment								
Steam Boiler	100%			2031	$1,394,600	1	$158,500	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : 3 Boilers In Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers For Heating And 1 Smaller Boiler For Domestic Hot Water Via Heat Exchanger								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	30%			2033	$903,300	1	$29,700	
Convector/Radiator	70%			2038	* *	1	$36,200	
Controls								
Electrical	20%			2028	$177,900			
Pneumatic	80%	Now	$247,400	2027	$2,473,800			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Classroom Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$190,000			
Window/Wall Unit	95%			2031	$575,800	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$141,300	
Exhaust Fans								
Interior	30%			2033	$212,900	2	$1,500	
Roof	70%			2028	$217,300	2	$3,400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$15,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$3,400	
Sewage Ejector(s)								
Electric	100%			2033	$83,800	4	$9,600	
Fixtures								
Generic	100%							

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DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$2,200	
Chemical System								
Generic	100%			2031	$448,800	1-3	$409,300	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 22 Feet Long, 110 Square Feet							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 14 - BK**		
Address	: **2424 BATCHELDER STREET @ AVENUE X**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K014**
Program / Asset #	: **BOE0350.000 / 360**	**Yr Built/Renovated**	: **1952 / 2000**
Area Sq Ft	: **139,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7424** **Lot** : **1**	**BIN**	: **3203617**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$345,200	$111,900
Interior Architecture	$5,759,600	$3,575,300
Electrical	$402,100	$891,800
Mechanical	$558,300	$1,212,400
Total	**$7,065,100**	**$5,791,400**
Importance Code A	$587,500	$135,000
Importance Code B	$6,477,600	$5,656,400
Total	**$7,065,100**	**$5,791,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,300			
Interior Architecture	$114,500		$11,900	$19,500
Electrical	$27,200	$4,600	$76,800	$4,600
Mechanical	$15,500	$20,600	$30,500	$24,800
Site Enclosure	$11,800			
Site Pavements	$29,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$260,800**	**$29,200**	**$123,100**	**$52,900**
Importance Code A	$58,300	$13,800	$14,100	$13,800
Importance Code B	$129,500	$15,400	$109,000	$39,100
Importance Code C	$73,000			
Total	**$260,800**	**$29,200**	**$123,100**	**$52,900**

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DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$184,300	LIFE	* *	5	$111,900	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Batchelder Street Side Entrance Above Doors								
Masonry: Limestone	5%			LIFE	* *	5	$4,400	
Windows								
Aluminum	100%	Now	$160,900	2047	* *	5	$33,800	
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Various Classroom Windows								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$12,600	
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Metal Rail	10%			2044	* *	5-10	$28,500	
Roof								
Single Ply Membrane	73%	Now	$40,400	2036	* *			
Blisters, Extent : Moderate, Area Affected : 2%								
Location : Main Southwest Roof								
Drains Clogged, Extent : Moderate, Area Affected : 25%								
Location : Main Southwest Roof								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Main Southwest Roof								
Skylight, Metal/Glass	2%			2041	* *	10	$9,000	
Slate	25%			LIFE	* *			
Soffits								
Stucco Cement	100%			2044	* *	5	$1,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,800	
Ceramic Tile	5%	4+	$29,300	2034	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$8,100	
Vinyl Tile	60%	Now	$69,000	2031	$3,448,400	3	$46,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Throughout Cafeteria								
Vinyl Tile 9" X 9"	15%	Now	$110,200	2026	$5,507,900	3	$11,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	10%	4+	$24,800	2046	* *	5	$19,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms								

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DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$10,400	2034	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Bathrooms								
Concrete Masonry Unit	7%			LIFE	* *	5	$5,300	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	50%	Now	$45,800	LIFE	* *	5	$28,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Batchelder Street Entrance Above Door								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Batchelder Street Entrance Above Door								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$23,900	
Gypsum Board	5%	Now	$4,200	LIFE	* *	5	$14,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Teacher's Cafeteria								
Plaster	10%	Now	$72,600	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Batchelder Street Entrance Above Door								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Batchelder Street Entrance Above Door And Auditorium								
Plaster	75%			LIFE	* *	5	$111,900	
Site Enclosure								
Fence/Gates								
Chain Link	70%	Now	$11,800	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Southern Fence In Activity Yard								
Iron Picket	30%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$24,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Sidewalk Adjacent To Avenue X								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Sidewalk Adjacent To Avenue X								

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DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	85%			2036	* *			
Masonry: Granite	5%			LIFE	* *			
Panel/Paver: Bluestone	10%	Now	$5,000	LIFE	* *	5	$1,600	
Vegetation Growth, Extent : Moderate, Area Affected : 100%								
Location : Sunken Garden Area								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Sunken Garden Area								
Explanation : Missing Stone Pavers								
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : South Activity Yard								
Explanation : This Is Actually The Trash Bin Area								
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	45%			2031	$23,100	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	45%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Wing Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Wing Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	75%			2031	$219,400	5	$400	
Fused Disc Sw	25%			2051	* *	5	$100	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Fused Disc Sw	5%			2047	* *	5	$200	
Fused Toggle Switch	5%	2-4	$15,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	60%			2030	$179,600	5	$2,200	
Molded Case Bkrs	20%			2047	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2031	$79,900	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$900	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,000	
Generic	50%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$114,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2036	* *	10	$7,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Room And Crawl Space								
LED	4%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Service	50%			2026	$42,800	1		
Exit, Service	50%			2026	$30,000	1		
Exterior Lighting								
HID	20%			2031	$129,700	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Operated Via Photocell								
No Component	80%							
Lightning Protection								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
No Component	98%							
Generic	2%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : On Chimney								
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Cameras Observed								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$10,800	2036	* *	1-3	$23,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Main Lobby								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Lobby								
Explanation : System Stays In Trouble Mode								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$242,300	2044	* *	1	$123,900	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Tubes In All Three Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	20%			2031	$523,200	1	$17,200	
Convector/Radiator	80%			2036	* *	1	$35,900	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roofs								
Explanation : Two Units For Computer Rooms								
Window/Wall Unit	60%			2026	$315,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,500	
Exhaust Fans								
Interior	100%			2031	$616,500	2	$4,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,800	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Auditorium Ceiling								
Sump Pump(s)								
Non-Submersible	100%			2031	$27,800	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2031	$72,800	4	$5,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$3,900	
Chemical System								
No Component	97%							
Generic	3%			2029	$2,400	1-3	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 17 - M**		
Address	: **328 WEST 48 STREET @8TH - 9TH AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M017**
Program / Asset #	: **BOE0011.000 / 439**	**Yr Built/Renovated**	: **1908 / 2001**
Area Sq Ft	: **104,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1038** **Lot** : **14**	**BIN**	: **1025092**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$712,800	$678,100
Interior Architecture	$1,088,800	$7,209,100
Electrical	$90,600	$433,300
Mechanical	$58,500	$851,900
Site Pavements		$148,900
Total	**$1,950,700**	**$9,321,300**
Importance Code A	$712,800	$678,100
Importance Code B	$1,237,900	$8,643,200
Total	**$1,950,700**	**$9,321,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$53,200
Interior Architecture	$130,400	$10,800	$7,600	$17,600
Electrical	$1,200	$2,600	$1,200	$1,900
Mechanical	$46,900	$14,300	$22,700	$13,200
Site Enclosure	$46,500			
Site Pavements	$40,900			
Total	**$266,000**	**$27,700**	**$31,400**	**$85,900**
Importance Code A	$10,300	$10,300	$10,300	$63,800
Importance Code B	$214,700	$11,600	$21,100	$22,200
Importance Code C	$40,900	$5,700		
Total	**$266,000**	**$27,700**	**$31,400**	**$85,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$40,800	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Masonry: Brick	75%			LIFE	* *	5	$122,300	
Masonry: Limestone	5%			LIFE	* *	5	$6,100	
Metal Panel	10%			2042	* *	5-10	$112,100	
Windows								
Aluminum	100%	Now	$712,800	2040	* *	5	$24,900	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Back Of Auditorium								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,100	
Masonry: Brick	80%			LIFE	* *	5	$17,700	
Metal Rail	5%			2037	* *	5-10	$19,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,900	
Roof								
Built-Up (BUR)	50%			2032	$410,700	10	$35,200	
Cast in Place Concrete	25%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Above Auditorium								
Explanation : Plaza Deck								
Copper/Terne	10%			2060	* *	10	$17,600	
Modified Bitumen	15%			2037	* *	10	$10,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$34,300	LIFE	* *	5	$44,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	5%			2045	* *	5	$10,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Toilet Rooms								
Cork Tile	5%	Now	$121,900	2042	* *	5	$4,400	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Music Room								
Mosaic Tile	5%	Now	$47,300	2037	* *	5	$12,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Poured Epoxy/Resin	35%			2030	$3,951,100			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Located In Corridors, Stairs And 1st Floor Lunchroom								
Terrazzo	5%	Now	$18,800	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement And Exits Vestibules								
Vinyl Tile	25%			2032	$1,391,700	3	$18,900	
Vinyl Tile 9" X 9"	5%			2032	$1,778,200	3	$3,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Classrooms								
Wood	5%	Now	$30,000	2047	* *	5	$9,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2045	* *	5	$11,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Toilet Rooms								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$48,200	
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	$25,100	
AcousTileSusp.Lay-In	5%			2037	* *	5	$10,100	
Exposed Struc: Steel	10%	Now	$966,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Gypsum Board	5%			LIFE	* *	5	$12,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Plaster	70%			LIFE	* *	5	$88,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Retaining Walls								
Masonry: Fieldstone	100%	0-2	$46,500	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 47th Street Stairs								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 47th Street Stairs								
Explanation : Cheek Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$40,900	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 47th Street Stairs								
Tripping Hazard, Extent : Severe, Area Affected : 20%								
Location : 47th Street Stairs								
Activity Yard								
Cast in Place Concrete	80%			2045	* *			
Rubber Matting	20%			2032	$148,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2032	$195,000	1		
Conduit	20%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,500	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$600	
Locally Mounted	20%			2030	$36,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$90,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Service	10%			2032	$6,400	1		
Emergency, Battery	40%			2032	$69,800	10	$10,000	
Exit, Battery	50%			2032	$73,700	10	$3,500	
Exterior Lighting								
HID	10%			2032	$48,500	10		
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$58,600	1	$11,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$103,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$58,500	2042	* *	4	$5,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room, Gas Meter Room And Storage Room								
Terminal Devices								
Convector/Radiator	80%	Now	$34,000	2037	* *	1	$24,200	
On Extended Life, Extent : Severe, Area Affected : 90%								
Location : Throughout - Faulty Steam Traps								
Unit Heater - Steam	10%			2032	$59,100	4	$1,400	
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : Refer To Split Unit Under Conversion Equipment. Air Handler Utilizes Steam Coils For Heating.								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	10%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room - 2020 Installation.								
Window/Wall Unit	90%			2030	$354,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor								
Heat Rejection								
Air Cooled Condenser Unit	5%			2032	$15,100	2	$3,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Roof By 48th Street								
Explanation : Condensing Unit Associated With Split Unit.								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2032	$438,200	2	$3,000	
Roof	5%	Now	$500	2032	$10,100	2	$100	
Not in Service, Extent : Light, Area Affected : 10%								
Location : Roof - Unit Serves Science Laboratory 407								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,300	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Basement - Pumps Only Were Replaced In 2019.								
Backflow Preventer								
No Component	80%							
Generic	20%			2037	* *	1	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Domestic Cold Water And Hot Water Supply Line Only.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 24 - SI**
Address : **225 CLEVELAND AVENUE @ DURANT AVE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0915.000 / 2757**
Area Sq Ft : **172,251**
Date of Survey : **12-Jan-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **5153** **Lot** : **108**
Agency's Number : **R024**
Yr Built/Renovated : **1968 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5065854**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,364,800	$247,000
Interior Architecture	$7,929,800	$51,100
Electrical	$314,500	$4,576,800
Mechanical	$624,300	$3,396,400
Total	**$10,233,400**	**$8,271,300**
Importance Code A	$1,364,800	$1,794,600
Importance Code B	$8,092,300	$6,425,600
Importance Code C	$776,300	$51,100
Total	**$10,233,400**	**$8,271,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,100		$9,600	
Interior Architecture	$56,700		$17,400	$8,900
Electrical	$37,400	$16,100	$19,800	$18,300
Mechanical	$69,100	$29,300	$43,100	$25,800
Site Enclosure	$12,300			
Site Pavements	$82,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$328,000**	**$49,300**	**$93,900**	**$57,100**
Importance Code A	$83,100	$17,100	$26,700	$17,100
Importance Code B	$202,700	$32,200	$67,200	$40,000
Importance Code C	$42,200			
Total	**$328,000**	**$49,300**	**$93,900**	**$57,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$126,200	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Ceramic Tile	7%			2053	* *	10	$8,300	
Masonry: Brick	63%	Now	$654,700	LIFE	* *	5	$79,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Repointing Failure, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Southeast Corner								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	17%			LIFE	* *	5	$42,900	
Mosaic Tile	3%	Now	$76,600	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Below Windows								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Window Sills								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Sills								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout Auditorium Facade								
Windows								
Aluminum	95%	Now	$58,700	2049	* *	5	$12,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%			2042	* *	10	$8,100	
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	45%			LIFE	* *	5-10	$52,300	
Metal Panel	10%			2053	* *	5	$6,600	
Metal Rail	40%			2046	* *	5-10	$122,800	
Metal: Cage/Fence	5%			2046	* *	5-10	$6,600	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	70%			2038	* *	10	$82,900	
IRMA/Protected Membrane	26%	Now	$437,200	2043	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 20%								
Location : Lower Roof								
Insul Miss/Displaced, Extent : Severe, Area Affected : 20%								
Location : Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Lower Roof								
IRMA/Protected Membrane	4%			2043	* *	10	$4,700	
Soffits								
Stucco Cement	100%			2046	* *	5	$11,600	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$304,000	LIFE	* *	5	$39,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Basement								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$151,100	2042	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Toilets 2nd Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	5%			2041	* *	5	$13,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Recent Installation, Replaced Wood Floor								
Terrazzo	5%			LIFE	* *	5	$14,000	
Vinyl Tile	33%			2038	* *	3	$22,100	
Vinyl Tile 9" X 9"	40%	Now	$6,308,400	2038	* *	3	$26,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	2%			2061	* *	5	$6,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$117,700	LIFE	* *			
Vertical Cracks, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$170,400	2042	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets								
Concrete Masonry Unit	10%	4+	$58,200	LIFE	* *	5	$12,400	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Basement Corridor								
Plaster	55%	Now	$207,200	LIFE	* *	5	$51,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Corridor 2nd And 3rd Floor								
SGFT/Glazed Masonry	16%	0-2	$222,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	9%			LIFE	* *	10	$13,900	
Ceilings								
AcousTile,Adhered	25%	4+	$143,800	2046	* *	5	$22,300	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Throughout								
Exposed Struc: Concrete	35%	0-2	$187,500	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Exposed Struc: Steel	10%			LIFE	* *	10	$35,700	
Plaster	30%			LIFE	* *	5-10	$92,100	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	60%	4+	$12,300	2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 2%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$45,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	75%			2042	* *			
Cast in Place Concrete	25%	Now	$15,900	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Main Entrance								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%	4+	$21,200	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$46,300	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere And One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$325,100	5	$700	

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DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2033	$320,300	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$400	
Molded Case Bkrs	90%			2032	$305,400	5	$4,100	
Wiring								
Braided Cloth	70%	2-4	$314,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Feeders And Branch Circuits Throughout Building								
Thermoplastic	30%			2033	$134,800	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$900	
Variable Frequency Drive	20%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Lighting								
Interior Lighting								
Fluorescent	93%			2033	$2,388,000	10	$146,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2033	$128,400	10	$7,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	45%			2028	$130,100	10	$18,700	
Emergency, Battery	5%			2033	$14,500	10	$2,100	
Exit, Service	45%			2028	$33,400	1		
Exit, Service	5%			2033	$3,700	1		
Exterior Lighting								
HID	20%			2028	$160,700	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$161,700	1	$32,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Security Cameras System								
Generic	50%			2028	$161,700	1	$32,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior								
Explanation : Intrusion System								

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DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$106,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2043	* *	5	$53,400	
No. 4 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : In Vault								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2031	$1,501,400	1	$170,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$484,400	2043	* *	4	$8,500	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 10%								
Location : Various Areas Throughout								
Terminal Devices								
Air Handler	30%	Now	$97,200	2028	$972,400	1	$28,800	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Fan, Air Handler Room, Auditorial Louver								
Convector/Radiator	70%			2038	* *	1	$38,900	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	Now	$32,600	2028	$326,300	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Rooms 211, 219, 231, 424								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$152,100	

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DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2033	$305,600	2	$2,100	
Roof	60%			2033	$200,500	2	$3,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$5,300	4	$5,500	
Sewage Ejector(s)								
Electric	100%			2033	$90,200	4	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Sets Of Dual Pumps								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$4,800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 27 - SI**		
Address	: **11 CLOVE LAKE PLACE @ ELIZABETH ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R027**
Program / Asset #	: **BOE0918.000 / 1451**	**Yr Built/Renovated**	: **1963 / 2006**
Area Sq Ft	: **160,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **308** **Lot** : **1**	**BIN**	: **5008403**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$119,800	$3,392,100
Interior Architecture	$9,697,800	$379,500
Electrical	$336,200	$1,412,500
Mechanical	$74,000	$3,170,500
Total	**$10,227,800**	**$8,354,500**
Importance Code A	$193,800	$4,923,900
Importance Code B	$9,559,100	$3,369,200
Importance Code C	$474,900	$61,500
Total	**$10,227,800**	**$8,354,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$122,800		$19,900	
Interior Architecture	$209,700		$17,500	$22,200
Electrical	$12,500	$12,400	$23,100	$12,000
Mechanical	$16,700	$43,600	$75,600	$32,800
Site Enclosure	$11,000			
Site Pavements	$35,700			
Total	**$408,400**	**$56,000**	**$136,100**	**$67,000**
Importance Code A	$122,800	$16,800	$37,100	$16,800
Importance Code B	$202,900	$39,200	$99,000	$50,200
Importance Code C	$82,700			
Total	**$408,400**	**$56,000**	**$136,100**	**$67,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$23,400	LIFE	* *	5	$19,600	
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : Throughout								
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : Front Of Building								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Oil Tank Room								
Masonry: Brick	93%	Now	$119,800	LIFE	* *	5	$72,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			2041	* *	5-10	$10,800	
Windows								
Aluminum	100%			2039	* *	5	$20,500	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$13,800	
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : Interior Parapets								
Masonry: Limestone	5%	Now	$10,000	LIFE	* *	5	$1,000	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 75%								
Location : Throughout								
Metal Rail	10%			2044	* *	5-10	$29,300	
Roof								
Copper/Terne	5%			2046	* *	10	$17,000	
IRMA/Protected Membrane	75%			2031	$2,413,000	10	$102,000	
IRMA/Protected Membrane	20%	Now	$40,200	2031	$804,300			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Over 1st Floor								
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Over 1st Floor								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Over 1st Floor								
Soffits								
Cast in Place Concrete	100%	Now	$21,200	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$43,200	LIFE	* *	5	$55,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Oil Tank Room								
Ceramic Tile	5%	Now	$14,300	2034	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2036	* *	5	$19,100	
Traffic Topping	5%			2036	* *	5	$15,900	
Vinyl Tile	50%	0-2	$70,200	2036	* *	3	$47,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	Now	$179,500	2026	$8,973,200	3	$19,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$37,900	2046	* *	5	$11,900	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$48,600	2034	* *	5	$8,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$66,500	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	2%			2039	* *	5	$17,700	
Plaster	58%	Now	$249,500	LIFE	* *	5	$61,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$158,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors								

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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	0-2	$32,000	2036	* *	5	$24,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	5%	Now	$4,000	2029	$200,200	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2044	* *	5	$24,900	
Exposed Struc: Concrete	30%			LIFE	* *	5	$11,700	
Gypsum Board	20%			LIFE	* *	5	$62,200	
Metal Panel	5%	Now	$8,200	LIFE	* *	5	$15,500	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$15,500	
Site Enclosure								
Fence/Gates								
Chain Link	30%	0-2	$11,000	2041	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : East Elevation								
Iron Picket	70%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$21,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	40%	Now	$4,600	2044	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Near Rear Stairs To Elizabeth Street								
Pavers/Stone	60%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$9,600	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : East Driveway								

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere And One 2,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$700	
Raceway								
Conduit	80%			2031	$231,100	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	50%			2030	$149,700	5	$1,800	
Fused Toggle Switch	1%			2030	$3,000	5		
Molded Case Bkrs	49%			2030	$146,700	5	$2,100	
Wiring								
Braided Cloth	60%			2030	$239,700	1		
Thermoplastic	10%			2051	* *	1		
Thermoplastic	30%			2031	$119,900	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	1%			2036	* *	10	$1,600	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Library								
Fluorescent	94%			2036	* *	10	$146,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	4%			2026	$188,200	2	$200	
LED	1%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2031	$10,500	1		
Emergency, Battery	40%			2041	* *	10	$16,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exit, Service	10%			2026	$7,300	1		
Exit, Battery	40%			2036	* *	10	$4,600	
Exterior Lighting								
LED	100%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof And Building Perimeter								
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2036	* *	1	$29,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$29,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2036	* *	1-3	$50,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$52,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two Oil Tanks Of 10,000 Gallon Capacity. Fuel Upgraded From No. 6 To No. 4 Oil Three Years Ago.								
Conversion Equipment								
Steam Boiler	100%	Now	$74,000	2029	$1,480,400	1	$151,400	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Boiler No.1 Flue Gas Damper In Breeching In Basement Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Six Safety Valves Leaking In Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three No.4 Oil-fired Steam Boilers.								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$12,600	
Terminal Devices								
Air Handler	30%			2031	$958,800	1	$31,500	
Convector/Radiator	70%			2036	* *	1	$38,400	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	0-2	$3,900	2029	$193,000	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Various Classrooms								
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,700	
Exhaust Fans								
Interior	30%			2031	$226,000	2	$1,600	
Roof	70%			2031	$230,700	2	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Motors Repaired In 2020.								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$25,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$34,000	4	$3,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$4,800	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 33 - BK**		
Address	: **70 TOMPKINS AVENUE @ STOCKTON ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K033**
Program / Asset #	: **BOE0366.000 / 149**	**Yr Built/Renovated**	: **1957 / 2020**
Area Sq Ft	: **146,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,4**		
Block	: **1743** **Lot** : **18**	**BIN**	: **3048517**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$504,000	$1,577,800
Interior Architecture	$4,465,700	$117,600
Electrical	$359,600	$1,058,200
Mechanical	$474,700	$2,530,000
Site Pavements	$60,900	
Total	**$5,864,900**	**$5,283,600**
Importance Code A	$504,000	$1,629,200
Importance Code B	$5,238,000	$3,654,400
Importance Code C	$123,000	
Total	**$5,864,900**	**$5,283,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,900	$11,200		$17,600
Interior Architecture	$133,900	$51,400		$26,700
Electrical	$44,300	$9,100	$9,600	$76,300
Mechanical	$61,200	$6,300	$19,500	$8,900
Site Enclosure	$46,900			
Site Pavements	$79,100			
Total	**$386,300**	**$78,100**	**$29,200**	**$129,500**
Importance Code A	$20,900	$11,200		$17,900
Importance Code B	$280,200	$66,800	$29,200	$97,300
Importance Code C	$85,200			$14,400
Total	**$386,300**	**$78,100**	**$29,200**	**$129,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	4+	$225,400	LIFE	* *	5	$129,400	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : West Side Of Building								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			2052	* *	5-10	$19,800	
Metal Coiling Doors	5%			2045	* *	5	$22,500	
Granite Panels	3%	4+	$10,600	LIFE	* *	5	$3,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : West Side Of Building								
Windows								
Aluminum	92%	0-2	$142,500	2040	* *	5	$26,000	
Air Infiltration, Extent : Moderate, Area Affected : 40%								
Location : Classroom Windows At Grade								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Room 112								
Glazing Clouded, Extent : Light, Area Affected : 75%								
Location : Lexan Panes Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells, Gymnasium And Classrooms At Grade								
Explanation : Protective Metal Grilles								
Metal Louvers	5%	0-2	$7,800	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Steel	3%	Now	$63,700	2057	* *	5	$10,600	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Bulkhead Stairs								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Bulkhead Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Bulkhead Stairs								
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$2,400	
Metal Rail	9%	4+	$500	2045	* *	5	$2,600	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout Roofs								
Metal: Cage/Fence	1%			2037	* *	5-10	$300	
Pre-Cast Concrete	30%	4+	$2,000	LIFE	* *	5	$7,700	
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : Throughout All Roof Levels								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	95%	Now	$72,400	2032	$1,448,500			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : At Upper Roof Over Stair B								
Metal Panel	5%			2037	* *	10	$12,000	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Bulkhead Stairs								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$7,400	
Interior								
Floors								
Carpet	30%			2028	$1,244,000	3	$105,500	
Cast in Place Concrete	10%	Now	$39,900	LIFE	* *	5	$51,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Locker Rooms At Expansion Joints								
Ceramic Tile	5%	Now	$13,200	2035	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Teacher's And Locker Room Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement Teacher's And Locker Room Bathrooms								
Quarry Tile	3%			2045	* *	5	$10,600	
Terrazzo	5%	4+	$54,800	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Lobby And Main Entrance Corridor								
Vinyl Tile	32%	2-4	$41,500	2037	* *	3	$28,100	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria Floor								
Vinyl Tile 9" X 9"	10%			2027	$4,138,000	3	$11,700	
Wood	5%			2060	* *	5	$22,000	

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DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$15,100	2041	* *	5	$6,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Teacher's And Locker Room Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Teacher's And Locker Room Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,900	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Operable Wall	3%			2042	* *	5	$28,700	
Plaster	45%			LIFE	* *	5	$36,900	
SGFT/Glazed Masonry	25%	2-4	$123,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stair B								
Wood	2%	4+	$7,700	LIFE	* *	5	$21,900	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Walls Framing Auditorium Stage								
Ceilings								
AcousTile,Adhered	10%	0-2	$13,700	2045	* *	5	$10,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby And 4th Floor Corridor								
AcousTileConcealSpLn	25%	2-4	$85,400	2037	* *	5	$33,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 1st, 2nd, 3rd Floor Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : 1st, 2nd, 3rd Floor Corridors								
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,300	
Metal Panel	5%			LIFE	* *	5	$13,300	
Plaster	50%	Now	$64,600	LIFE	* *	5	$66,300	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Classrooms 420, 431 And Stair B								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 420, 431 And Stair B								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%	Now	$10,100	2052	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : North And South Side Of Play Yard								
Iron Picket	40%	Now	$36,700	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Along North, West And South Sides Of Building								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Along North, West And South Sides Of Building								
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Along North, West And South Sides Of Building								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Along North, West And South Sides Of Building								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$60,900	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Along Stockton Street By Temporary Boiler								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$6,900	2045	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Entry Ramp On Floyd Street								
Pavers/Stone	5%			2035	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$8,600	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Courtyard								
Activity Yard								
Rubber Matting	70%	Now	$37,100	2037	* *			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout Play Yard								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Subsurface Cracking Penetrating On Play Hills								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout Play Yard								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout Play Yard								
Explanation : Delaminating Surface								
Traffic Topping	30%	Now	$26,400	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Walkways Through Play Mounds								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Play Yard Areas								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	30%			2052	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Vertical Section								
Molded Case Bkrs	70%			2032	$204,800	5	$2,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Vertical Sections								
Raceway								
Conduit	90%			2032	$259,900	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$200	
Molded Case Bkrs	5%			2048	* *	5	$200	
Molded Case Bkrs	80%			2031	$239,500	5	$3,100	
Molded Case Bkrs	10%			2031	$29,900	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Hallway Opposite Room 102 And Room 120 And Basement Panel In Room B4 And Kitchen Panel								
Explanation : Branch Circuit Breakers Tripping Due To Overloaded Branch Circuits								
Wiring								
Braided Cloth	90%	2-4	$359,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	75%			2030	$136,100	5	$700	
Locally Mounted	15%	2-4	$16,300	2052	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	10%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$136,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$18,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	7%			2027	$47,700	10		
LED	3%	Now	$4,700	2040	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Building Exterior Wall								
Explanation : Dark Fixtures Reported By Custodian								
No Component	90%							
Alarm								
Security System								
Generic	30%			2037	* *	1	$16,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	70%	Now	$19,200	2037	* *	1	$34,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodians Office								
Explanation : Communications Failure Error Message Visible On Security System Control Panel								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$27,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Existing Tank Being Converted From No 4 Oil To No. 2 Oil								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : New Boiler Plant Under Construction, Temporary Exterior Boiler Being Used								
Distribution								
Steam Piping/Pump	80%			2042	* *			
Under Construction	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2032	$589,600	1	$19,400	
Convector/Radiator	80%			2037	* *	1	$40,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2032	$372,000			
Window/Wall Unit	80%			2027	$474,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,300	
Exhaust Fans								
Interior	40%			2032	$277,900	2	$1,900	
Roof	60%			2032	$182,400	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$999,900	1		
Water Heater With Tanks								
Electric	50%			2030	$11,800	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Temporary Unit Being Used While New Gas Fired Unit Is Being Installed								
Under Construction	50%							
HW Heat Exchanger								
Under Construction	100%							
Sanitary Piping								
Cast Iron	100%	Now	$39,500	LIFE	* *	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Urinals In 1st Floor Boys Locker Room								
Storm Drain Piping								
Cast Iron	100%	Now	$11,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Basement Fixtures And Drain Back Up During Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%	Now	$3,100	2032	$31,400	4	$3,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 50%								
Location : One Of Two Pumps								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$108,300	1-2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	97%							
Generic	3%			2027	$2,400	1-3	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 34 - SI (OL TOTTENVILLE)**		
Address	: **528 ACADEMY AVENUE AT YETMAN AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R034**
Program / Asset #	: **BOE0923.000 / 1429**	**Yr Built/Renovated**	: **1936 / 2008**
Area Sq Ft	: **121,237**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7894** **Lot** : **1**	**BIN**	: **5088090**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$225,000	$104,800
Interior Architecture	$773,500	$73,700
Electrical	$222,200	$1,285,400
Mechanical	$208,500	$7,447,300
Site Enclosure	$166,200	
Total	**$1,595,300**	**$8,911,300**
Importance Code A	$225,000	$1,213,000
Importance Code B	$816,600	$7,698,300
Importance Code C	$553,800	
Total	**$1,595,300**	**$8,911,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$101,600			
Interior Architecture	$153,600		$21,500	$21,700
Electrical	$29,100	$11,300	$14,000	$12,700
Mechanical	$116,300	$28,900	$32,100	$26,800
Total	**$400,700**	**$40,200**	**$67,700**	**$61,200**
Importance Code A	$122,800	$12,000	$12,000	$12,000
Importance Code B	$192,300	$28,200	$55,600	$43,400
Importance Code C	$85,600			$5,800
Total	**$400,700**	**$40,200**	**$67,700**	**$61,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast in Place Concrete	5%			LIFE	* *		5	$80,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%									
Location : Exterior Walls									
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Brick	65%			LIFE	* *		5	$209,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Repairs in Progress, Extent : N/A, Area Affected : 100%									
Location : Exterior Walls									
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%									
Location : Exterior Walls									
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Granite	7%			LIFE	* *		5	$16,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%									
Location : Exterior Walls									
Masonry: Limestone	23%			LIFE	* *		5	$55,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%									
Location : Exterior Walls									
Windows									
Under Construction	100%								
Parapets									
Masonry: Brick	90%			LIFE	* *		5-10	$140,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%									
Location : Parapets									
Masonry: Limestone	10%			LIFE	* *		5-10	$27,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%									
Location : Parapets									
Roof									
Copper/Terne	5%			2068	* *		10	$15,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%									
Location : Bulkheads									
Under Construction	95%								
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$77,200	LIFE	* *	5	$39,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$51,200	2036	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Terrazzo	5%	2-4	$17,000	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	70%	Now	$70,200	2038	* *	3	$47,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	10%			2061	* *	5	$34,000	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$11,700	
Concrete Masonry Unit	5%	Now	$54,800	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Gymnasium								
Masonry: Brick	5%	Now	$44,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Stairs								
Marble Panels	5%	0-2	$41,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	55%			LIFE	* *	5-10	$109,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : Various Locations								
SGFT/Glazed Masonry	25%	Now	$262,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Stairs								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairwell								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 34 - SI (OL TOTTENVILLE)
Asset # : 1429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$58,400	2038	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout Classrooms								
AcousTileSusp.Lay-In	5%			2046	* *	5	$9,100	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$22,700	
Gypsum Board	5%			LIFE	* *	5-10	$31,200	
Metal Panel	5%			LIFE	* *	5	$22,700	
Plaster	65%			LIFE	* *	5-10	$202,700	
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : Various Locations								
Site Enclosure								
Fence/Gates								
Chain Link	80%	0-2	$166,200	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Activity Yard								
Iron Picket	20%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Along Academy Avenue								
Explanation : Construction Netting Installed								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Shed In Use								
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Walkways								
Explanation : Sidewalk Shed In Use								
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere And 1,600 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2038	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room At Basement								
Explanation : One 112.5 Kilovolt Amperes 240 D/208 Y/120 Volt								
Switchgear / Switchboard								
Fused Disc Sw	95%			2033	$247,100	5	$500	
Fused Disc Sw	5%			2053	* *	5		
Raceway								
Conduit	95%			2033	$231,500	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	15%			2049	* *	5	$500	
Molded Case Bkrs	75%			2032	$224,500	5	$2,400	
Wiring								
Braided Cloth	65%	2-4	$222,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$68,400	1		
Thermoplastic	15%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	40%			2028	$81,400	10	$11,700	
Emergency, Battery	10%			2041	* *	10	$2,900	
Exit, Battery	50%			2028	$85,900	10	$4,100	
Exterior Lighting								
No Component	80%							
Under Construction	20%							
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 34 - SI (OL TOTTENVILLE)
Asset # : 1429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2041	* *	1	$22,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Generic	50%			2028	$113,800	1	$22,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Manual Door Lock Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$74,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$281,900	5	$37,600	
Conversion Equipment								
Steam Boiler	100%	4+	$21,100	2031	$1,056,700	1	$108,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam Boilers Are Decommissioned. A Temporary Boiler And No.2 Oil Tank Is Heating The Building.								
Distribution								
Central Plant Steam Piping/Pmp	100%			2033	$3,409,200	4	$9,000	
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	40%	Now	$91,300	2033	$912,600	1	$27,000	
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : S And Y Valve Is Rusted And Leaking								
Air Handler	40%			2033	$912,600	1	$30,000	
Convector/Radiator	20%			2038	* *	1	$7,800	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 34 - SI (OL TOTTENVILLE)
Asset # : 1429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	85%			2028	$390,400	1		
No Component	15%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Level								
Explanation : No Cooling On Basement Level								
Heat Rejection								
Air Cooled Condenser Unit	10%			2041	* *	2	$8,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$107,000	
Exhaust Fans								
Interior	90%	Now	$48,400	2033	$483,900	2	$2,700	
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Roof	10%			2038	* *	2	$400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%	Now	$117,200	2043	* *	4	$12,000	
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Repairs In Progress, Extent : N/A, Area Affected : 50%								
Location : Roof								
Sump Pump(s)								
Non-Submersible	95%			2028	$23,100	4	$3,600	
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Non-Submersible	5%			2038	* *	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Newly Installed Motor And Controls								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 34 - SI (OL TOTTENVILLE)
Asset # : 1429

Mechanical	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
Sewage Ejector(s)									
Electric	95%			2041	* *		4	$6,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%									
Location : Basement									
Electric	5%			2038	* *		4	$200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : Newly Installed Motor And Controls									
Backflow Preventer									
No Component	80%								
Generic	20%			2038	* *		1	$1,500	
Other Observation, Extent : Light, Area Affected : 20%									
Location : Basement									
Explanation : For Boiler Make Up Water Only									
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%			LIFE	* *				
Other Observation, Extent : N/A, Area Affected : 1%									
Location : First Floor									
Explanation : One Americans With Disabilities Act Elevator, One Lula Elevator And Chair Lift.									
Fire Suppression									
Sprinkler									
No Component	95%								
Generic	5%			2043	* *		1-2	$1,700	
No Backflow Preventer, Extent : Light, Area Affected : 100%									
Location : Basement									
Chemical System									
Generic	100%	Now	$2,000	2028		$40,800	1-3	$34,500	
Not in Service, Extent : Severe, Area Affected : 100%									
Location : Kitchen									
Other Observation, Extent : Severe, Area Affected : 5%									
Location : Kitchen									
Explanation : Heads Are Not Installed, 10 Square Feet									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 43 - BK (I. S. 98 - BK)**
Address : **1401 EMMONS AVENUE @E. 14 STREET**
Borough : **BROOKLYN**
Agency's Number : **K043**
Program / Asset # : **BOE0373.000 / 2625**
Yr Built/Renovated : **1965 / 2011**
Area Sq Ft : **142,000**
Project Type : **EDUCATION**
Date of Survey : **02-Mar-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,4**
Block : **8767** **Lot** : **26** **BIN** : **3246958**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$356,000	$1,850,400
Interior Architecture	$70,100	$828,100
Electrical	$199,800	$835,100
Mechanical	$111,100	$2,539,300
Total	**$736,900**	**$6,052,900**
Importance Code A	$356,000	$1,901,700
Importance Code B	$381,000	$4,151,100
Total	**$736,900**	**$6,052,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$2,100	$8,000	$4,900
Interior Architecture	$110,500	$19,600		$17,900
Electrical	$20,100	$27,500	$20,700	$21,100
Mechanical	$25,300	$21,400	$38,500	$21,600
Site Pavements	$6,900			
Total	**$162,800**	**$70,500**	**$67,300**	**$65,500**
Importance Code A	$14,200	$16,200	$22,200	$19,400
Importance Code B	$118,700	$54,300	$45,000	$46,100
Importance Code C	$29,900			
Total	**$162,800**	**$70,500**	**$67,300**	**$65,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$130,100	
Masonry: Brick	35%			LIFE	* *	5	$91,000	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Around Entire Building								
Masonry: Granite	4%			LIFE	* *	5	$7,800	
Pre-Cast Concrete	20%			LIFE	* *	5	$169,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Pebble Finish								
Pre-Cast Concrete	30%	Now	$113,200	LIFE	* *	5	$253,600	
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Various Locations On All Facades								
Window Wall	1%			2042	* *	5	$9,800	
Windows								
Aluminum	98%			2031	$767,200	5	$16,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Windows Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Window Units Approaching End Of Useful Life								
Metal Louvers	2%			2035	* *	10	$2,100	
Parapets								
Cast in Place Concrete	90%	Now	$76,400	LIFE	* *	5	$439,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Rail	10%			2045	* *	5-10	$85,400	
Roof								
Modified Bitumen	100%	Now	$114,500	2037	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 15%								
Location : Lower Roofs - North West Corner								
Soffits								
Stucco Cement	100%			2037	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Entry Canopy								
Explanation : Emmons Avenue								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,400	
Ceramic Tile	5%			2035	* *	5	$10,700	
Sheet Vinyl/Rubber	5%	0-2	$70,100	2032	$700,900	5	$8,000	
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Terrazzo	5%	4+	$20,000	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridors								
Vinyl Tile	27%	Now	$32,000	2037	* *	3	$21,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : At Expansion Joint Locations								
Vinyl Tile	53%			2037	* *	3	$42,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	4+	$23,000	2035	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Student Bathrooms								
Masonry: Brick	10%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$27,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$21,400	
Exposed Struc: Concrete	15%			LIFE	* *	5	$5,000	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	20%	Now	$28,400	LIFE	* *	5	$53,600	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : Corridors - Various Locations								
Metal Panel	5%	Now	$7,100	LIFE	* *	5	$13,400	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	45%			LIFE	* *	5	$60,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2037	* *			
Masonry: Granite	30%	Now	$6,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Steps On Emmons Avenue								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Asphalt	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$234,100	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4- Vertical Sections								
Fused Disc Sw	20%			2058	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Vertical Section								
Raceway								
Conduit	90%			2032	$259,900	1		
Conduit	10%			2058	* *	1		
Panelboards								
Fused Disc Sw	20%			2031	$59,900	5	$700	
Molded Case Bkrs	50%			2031	$149,700	5	$1,900	
Molded Case Bkrs	20%			2040	* *	5	$700	
Molded Case Bkrs	10%			2054	* *	5	$400	
Wiring								
Braided Cloth	50%	2-4	$199,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2042	* *	1		
Thermoplastic	10%			2058	* *	1		
Motor Controllers								
Locally Mounted	100%			2049	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								

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DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$43,700	
Other Observation, Extent : N/A, Area Affected : 33%								
Location : Roof								
Explanation : Automatic Transfer Switch Clock Is Not Set To Current Time								
Generators								
Natural Gas	100%			2045	* *	1	$55,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 100 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$5,300	
Lighting								
Interior Lighting								
Fluorescent	60%			2040	* *	10	$78,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2040	* *	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library								
LED	39%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$17,300	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	10%			2037	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled By Timer Switch								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2067	* *	5	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Located In The Chimney Stacks Only								
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$15,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2040	* *	1-3	$87,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$141,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Three Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	30%			2032	$808,200	1	$26,600	
Convector/Radiator	70%			2030	$819,400	1	$32,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	20%			2037	* *			
Window/Wall Unit	60%			2030	$325,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,800	
Exhaust Fans								
Interior	30%	Now	$3,800	2032	$190,500	2	$1,100	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Roof	30%			2037	* *	2	$1,300	
Roof	40%			2027	$111,100	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$4,400	4	$3,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2032	$395,900	1-2	$8,000	
Chemical System								
No Component	97%							
Generic	3%			2030	$2,400	1-3	$2,400	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 44 - M**		
Address	: **100 WEST 77 STREET @COLUMBUS AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M044**
Program / Asset #	: **BOE0025.000 / 1665**	**Yr Built/Renovated**	: **1957 / 2015**
Area Sq Ft	: **143,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Apr-2021**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **1148** **Lot** : **14**	**BIN**	: **1030178**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,849,500	$97,000
Interior Architecture	$532,100	$4,254,600
Electrical	$406,400	$1,096,300
Mechanical	$759,700	$2,340,200
Site Pavements	$56,500	$178,900
Total	**$5,604,200**	**$7,967,000**
Importance Code A	$3,974,000	$1,462,100
Importance Code B	$1,630,200	$6,504,900
Total	**$5,604,200**	**$7,967,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$81,600			$36,300
Interior Architecture	$254,500		$22,900	$9,300
Electrical	$60,800	$16,400	$14,800	$40,900
Mechanical	$58,900	$44,700	$43,400	$54,500
Site Enclosure	$7,200			
Site Pavements	$46,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$513,400**	**$65,000**	**$85,000**	**$144,900**
Importance Code A	$81,600	$14,200	$14,200	$50,500
Importance Code B	$277,200	$50,800	$70,900	$94,400
Importance Code C	$154,700			
Total	**$513,400**	**$65,000**	**$85,000**	**$144,900**

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DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%	4+	$5,400	LIFE	* *	5	$14,100	
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Various Exit Doors								
Masonry: Brick Cavity	97%	Now	$185,100	LIFE	* *	5	$97,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Windows								
Aluminum	100%	Now	$1,776,500	2040	* *	5	$34,000	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 75%								
Location : Polycarbonate Panes Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair D								
Parapets								
Masonry: Brick Cavity	75%	Now	$131,300	LIFE	* *	5	$11,900	
Spalling, Extent : Severe, Area Affected : 20%								
Location : North Facade Of South Wing And Other areas Throughout								
Masonry: Limestone	10%	0-2	$21,600	LIFE	* *	5	$2,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout Coping Stones								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Coping Stones Throughout								
Pre-Cast Concrete	15%	Now	$10,600	LIFE	* *	5	$15,000	1
Caulking Deteriorated, Extent : Severe, Area Affected : 20%								
Location : Coping At South East Parapet Walls								
Roof								
Built-Up (BUR)	75%	Now	$107,100	2027	$1,070,700			
Ponding, Extent : Severe, Area Affected : 10%								
Location : Lower Roof - South East Corner								
Copper/Terne	5%			2047	* *	10	$14,000	
IRMA/Protected Membrane	20%			2027	$578,800	10	$22,300	
Soffits								
Cast in Place Concrete	100%	Now	$44,000	LIFE	* *	5	$34,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$19,800	LIFE	* *	5	$23,300	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement Rooms								
Ceramic Tile	5%			2041	* *	5	$10,700	
Mosaic Tile	2%	Now	$21,900	2037	* *	5	$5,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout Older Toilets								
Poured Epoxy/Resin	2%			2027	$261,500			
Terrazzo	5%			LIFE	* *	5	$8,300	
Vinyl Tile	66%			2032	$4,254,600	3	$52,700	
Vinyl Tile	10%	0-2	$193,400	2042	* *	3	$8,000	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Pipe Leaking On To Tile Adjacent To Cafeteria								
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : Throughout Basement Corridors								
Wood	5%	Now	$13,900	2047	* *	5	$10,000	
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$9,300	2041	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen And Servers								
Concrete Masonry Unit	5%	0-2	$15,800	LIFE	* *	5	$3,100	
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Fan Room								
Glass: Single Pane	1%	Now	$10,200	LIFE	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Dance Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Dance Room								
Explanation : This Is Actually Mirrored Walls								
Glazed Ceramic Panel	3%			LIFE	* *			
Gypsum Board	2%			LIFE	* *	5	$1,800	
Masonry: Brick	5%	Now	$32,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room								
Operable Wall	2%	Now	$39,200	2042	* *	5	$5,400	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Track Controls Not Working								
Plaster	50%	Now	$41,000	LIFE	* *	5	$23,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Penthouse And Bulkheads								
SGFT/Glazed Masonry	27%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	4+	$30,000	2037	* *	5	$21,300	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	5%			2037	* *	5	$13,300	
Exposed Struc: Concrete	50%			LIFE	* *	5	$16,600	
Metal Panel	10%	Now	$77,300	LIFE	* *	5	$26,600	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Basement Corridors And Kitchen								
Plaster	15%	Now	$21,300	LIFE	* *	5	$20,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Bulkheads								
Site Enclosure								
Fence/Gates								
Chain Link	70%	Now	$7,200	2042	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Gate Along 76th Street								
Iron Picket	30%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$56,500	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations At Permitter Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Parking/Driveway								
Asphalt	100%			2035	* *			
Activity Yard								
Asphalt	85%	2-4	$42,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rubber Matting	15%	Now	$3,600	2032	$178,900			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	0-2	$56,300	2062	* *	5	$300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								

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DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	90%			2032	$288,400	5	$3,400	
Molded Case Bkrs	10%			2052	* *	5	$400	
Raceway								
Conduit	100%			2032	$316,300	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$300	
Molded Case Bkrs	75%			2031	$245,900	5	$2,800	
Molded Case Bkrs	10%			2048	* *	5	$400	
Molded Case Bkrs	5%	2-4	$16,400	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Wiring								
Braided Cloth	80%	0-2	$350,100	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	70%			2045	* *	5	$700	
Locally Mounted	25%			2037	* *	5	$200	
Variable Frequency Drive	5%			2049	* *			
Ground								
Grounding Devices								
Generic	100%	2-4	$11,400	LIFE	* *	5	$2,100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$125,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2032	$46,700	10	$2,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement And Library								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	25%	Now	$19,700	2042	* *			
Not Functioning, Extent : Moderate, Area Affected : 30%								
Location : Throughout The Building								
Emergency, Battery	25%			2037	* *	10	$8,600	
Exit, Service	25%			2037	* *	1		
Exit, Service	25%			2027	$16,900	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2032	$73,100	10		
Outdr Lights On During Daytime, Extent : Light, Area Affected : 10%								
Location : Roof								
No Component	90%							
Alarm								
Security System								
Generic	50%			2037	* *	1	$26,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Camera System								
Generic	50%			2037	* *	1	$26,700	
Fire/Smoke Detection								
Generic, Digital	100%			2040	* *	1-3	$88,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2042	* *	5	$44,300	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Basement Vault. Oil Overfill Alarm Installed In 2020.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks.								
Conversion Equipment								
Steam Boiler	100%	Now	$68,300	2030	$1,365,100	1	$127,500	
Broken, Extent : Severe, Area Affected : 5%								
Location : Boiler Room. Defective Fresh Air/ Louver Damper Actuators For All Boilers.								
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Boiler Room. Six Leaking Tubes For Boiler No.1. Nine Leaking Tubes For Boiler No.3. Safety Relief Valves Leaking At Boiler No.1 And No.3.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room. Antiquated Units.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three No.2 Oil Burning Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$220,200	2042	* *	4	$7,000	
Broken, Extent : Severe, Area Affected : 5%								
Location : Boiler Room. Defective Impeller In Vacuum Pump.								
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Boiler Room. Defective Control Panel For Boiler No.2.								
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Boiler Room. Leaking And Corroded Steam Condensate And Vacuum Pump System. Leaking Feedwater Piping At Boiler No.3.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room. 3 Units.								
Recent Replace Evident, Extent : N/A, Area Affected : 95%								
Location : Throughout. Steam Traps Installed In 2020.								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Cafeteria And Elevator Lobby								
Explanation : Condensate Pipe Leak								
Terminal Devices								
Air Handler	20%			2032	$589,500	1	$17,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Penthouse, Mechanical Room G58								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Penthouse. Upgrade Of Fan Motors, Sensors And Other Control Devices For The Auditorium Supply And Exhaust Fans.								
Convector/Radiator	80%			2037	* *	1	$37,000	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	2%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mdf Room 227								
Explanation : Condenser Located On Roof.								
Window/Wall Unit	65%			2030	$385,700	1		
No Component	33%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,700	
Exhaust Fans								
Interior	20%			2027	$138,900	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse, Mechanical Room G58								
Roof	80%			2027	$243,100	2	$3,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$40,000	2037	* *	1		
Broken, Extent : Severe, Area Affected : 2%								
Location : Boiler Room. Thermostatic Mixing Valve For Domestic Water Heater.								
Water Heater With Tanks								
Gas Fired	100%			2025	$18,700	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$14,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$2,000	
Chemical System								
Dry	100%			2027	$89,200	1-3	$78,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 45 - BX (J. H. S. 45 - BX)**
Address : **2502 LORILLARD PLACE BTWN: E. FORDHAM RD. - E.189 ST.**
Borough : **BRONX** **Agency's Number** : **X045**
Program / Asset # : **BOE0188.000 / 517** **Yr Built/Renovated** : **1912 / 2002**
Area Sq Ft : **120,000** **Project Type** : **EDUCATION**
Date of Survey : **21-Jul-2020** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **3067** **Lot** : **1** **BIN** : **2011937**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$186,800	$1,232,400
Interior Architecture	$1,605,600	$100,100
Electrical	$351,300	$819,000
Mechanical	$1,519,000	$2,409,200
Total	**$3,662,700**	**$4,560,700**
Importance Code A	$291,400	$1,258,100
Importance Code B	$3,371,300	$3,302,500
Total	**$3,662,700**	**$4,560,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,500		$5,600	$14,600
Interior Architecture	$31,300		$8,400	$21,200
Electrical	$15,100	$3,400	$2,800	$3,000
Mechanical	$61,100	$16,700	$88,800	$16,700
Site Enclosure	$6,000			
Site Pavements	$15,900			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$139,800**	**$25,100**	**$110,600**	**$60,400**
Importance Code A	$5,500	$11,900	$17,800	$26,500
Importance Code B	$117,400	$13,200	$92,900	$29,900
Importance Code C	$16,900			$4,100
Total	**$139,800**	**$25,100**	**$110,600**	**$60,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$117,000	
Masonry: Brick	15%	Now	$92,500	LIFE	* *	5	$22,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Staircase At Exit 10 Near Gymnasium, 4th And 3rd Floor Staircase								
Masonry: Brick	65%			LIFE	* *	5	$97,300	
Masonry: Limestone	8%	0-2	$94,300	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			2051	* *	5-10	$20,600	
Windows								
Aluminum	100%			2047	* *	5	$29,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,500	
Masonry: Brick	80%			LIFE	* *	5	$10,900	
Pre-Cast Concrete	10%	4+	$5,500	LIFE	* *	5	$8,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
Built-Up (BUR)	95%			2031	$917,100	10	$78,600	
Copper/Terne	5%			2059	* *	10	$10,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%	Now	$21,200	LIFE	* *	5	$27,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout Basement								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Basement Locker Room, Furniture Storage								
Ceramic Tile	2%			2034	* *	5	$3,600	
Ceramic Tile	1%			2044	* *	5	$1,800	
Recent Replace Evident, Extent : N/A, Area Affected : 1%								
Location : Girls Toilet Room In Basement, 2nd Floor Boys Toilet Room								
Quarry Tile	3%			2036	* *	5	$8,000	
Vinyl Tile	15%			2036	* *	3	$13,300	
Vinyl Tile 9" X 9"	62%	Now	$973,200	2041	* *	3	$41,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Partial Areas In Basement, 2nd, 3rd And 4th Floors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 2nd, 3rd And 4th Floor								
Wood	10%	Now	$212,200	2046	* *	5	$16,700	
Poor Subfloor Evident, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	4%			2034	* *	5	$6,500	
Ceramic Tile	1%			2044	* *	5	$1,600	
Recent Replace Evident, Extent : N/A, Area Affected : 1%								
Location : Girls Toilet Room In Basement, 2nd Floor Boys Toilet Room								
Folding Partition	2%			2047	* *	5	$8,100	
Masonry: Brick	5%			LIFE	* *			
Plaster	78%			LIFE	* *	5	$38,100	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$8,900	
Metal Panel	5%	Now	$176,700	LIFE	* *	5	$11,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Basement Throughout Vaulted Ceiling								
Plaster	90%	Now	$243,400	LIFE	* *	5	$100,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Staircase D In Basement, Staircase E, Old Music Room								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$6,000	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout Perimeter Of School								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,100	2044	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : East 189th Street								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$6,800	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Hoffman Street								
Masonry: Granite	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2031	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2051	* *	5	$300	
Fused Disc Sw	40%			2031	$104,000	5	$200	
Raceway								
Conduit	80%			2031	$195,000	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Toggle Switch	5%	2-4	$12,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2030	$179,600	5	$2,400	
Molded Case Bkrs	20%			2047	* *	5	$600	
Wiring								
Braided Cloth	70%	2-4	$239,300	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2051	* *	1		
Thermoplastic	10%			2031	$34,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	90%			2039	* *	10	$99,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$14,500	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	20%			2026	$112,000	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$9,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Cafeteria Basement, Exit Doors And Outside								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$15,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%	0-2	$104,600	2044	* *	1	$107,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units. Leaking Boiler Tube No. 2 Boiler And Not Cycling And Continuous Pressure Build Up When Using Fuel.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Piping Around Vacuum Pump								
Terminal Devices								
Air Handler	20%			2026	$451,600	1	$14,800	
Convector/Radiator	78%			2029	$765,400	1	$30,200	
Convector/Radiator	2%	0-2	$1,000	2029	$19,600	1	$700	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor								
Explanation : One Leaking Radiator And Steam Trap								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$14,200	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Explanation : One Out Of Five Units Is Out Of Service								
Split Unit	10%			2036	* *			
Window/Wall Unit	10%			2026	$45,500	1		
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$83,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$527,000	LIFE	* *	2-5	$66,900	
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Explanation : Deteriorated Very Much								
Exhaust Fans								
Interior	50%	Now	$53,200	2026	$266,100	2	$1,500	
Not in Service, Extent : Severe, Area Affected : 70%								
Location : Various Locations								
Roof	50%	Now	$23,300	2026	$116,400	2	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Roof . Five Of The Roof Exhaust Fans Not Working Due To Mechanical And Or Electrical Defects								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$1,541,200	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement To 1st Floor								
Explanation : 1 Unit. Out Of Service For A Year. Only Go To Basement								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$83,000	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 49 - BK**		
Address	: **223 GRAHAM AVENUE BTWN: STAGG ST., TEN EYCK ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K049**
Program / Asset #	: **BOE0378.000 / 1402**	**Yr Built/Renovated**	: **1937 / 2010**
Area Sq Ft	: **198,952**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3025** **Lot** : **1**	**BIN**	: **3070825**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$456,900	$825,000
Interior Architecture	$4,647,600	$5,652,700
Electrical	$477,000	$1,244,500
Mechanical	$49,300	$7,725,500
Total	**$5,630,700**	**$15,447,800**
Importance Code A	$456,900	$866,100
Importance Code B	$5,111,700	$14,581,600
Importance Code C	$62,200	
Total	**$5,630,700**	**$15,447,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$83,700		$39,300	
Interior Architecture	$97,000			$20,700
Electrical	$40,800	$18,600	$23,000	$18,800
Mechanical	$76,300	$32,000	$44,100	$29,900
Site Pavements	$27,200			
Total	**$325,000**	**$50,600**	**$106,400**	**$69,400**
Importance Code A	$103,400	$19,700	$59,100	$19,700
Importance Code B	$131,000	$30,900	$47,400	$49,700
Importance Code C	$90,600			
Total	**$325,000**	**$50,600**	**$106,400**	**$69,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$364,400	
Masonry: Granite	3%			LIFE	* *	5	$9,100	
Masonry: Limestone	5%			LIFE	* *	5	$15,200	
Masonry: Marble	2%			LIFE	* *	5	$6,100	
Windows								
Aluminum	98%			2049	* *	5	$75,500	
Wood	2%	Now	$61,900	2058	* *	5	$7,700	
Air Infiltration, Extent : Moderate, Area Affected : 25% *Location : Boiler Room* *Deteriorated Finish, Extent : Moderate, Area Affected : 50%* *Location : Boiler Room* *Split/Cracked, Extent : Moderate, Area Affected : 50%* *Location : Boiler Room*								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$153,800	
Masonry: Limestone	10%			LIFE	* *	5-10	$34,300	
Metal Rail	10%			2046	* *	5-10	$50,800	
Roof								
Copper/Terne	20%	Now	$81,400	2061	* *			
Water Penetration, Extent : Moderate, Area Affected : 5% *Location : Over Gymnasium, Classroom 313 And Auditorium.*								
IRMA/Protected Membrane	15%			2033	$549,900	10	$23,200	
Metal Panel	3%			2046	* *	10	$8,500	
Deformed/Dented, Extent : Light, Area Affected : 10% *Location : Throughout*								
Modified Bitumen	60%			2038	* *	10	$93,000	
Skylight, Metal/Glass	2%			2043	* *	10	$10,300	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$132,700	LIFE	* *	5	$34,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout Basement								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$439,800	2042	* *	5	$7,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets Throughout And Kitchen								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Toilets Throughout And Kitchen								
Sheet Vinyl/Rubber	2%			2038	* *	5	$9,400	
Terrazzo	5%			LIFE	* *	5	$24,400	
Vinyl Tile	43%	0-2	$185,300	2038	* *	3	$50,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria And Corridors Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%								
Location : Cafeteria And Corridors Throughout								
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Cafeteria And Corridors Throughout								
Vinyl Tile 9" X 9"	10%	Now	$3,303,900	2033	$5,506,500	3	$11,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Office								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Office								
Wood	30%	Now	$279,100	2048	* *	5	$87,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Classrooms Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 313, 237, 254								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 313, 237, 254								
Interior Walls								
Ceramic Tile	3%	Now	$38,300	2042	* *	5	$3,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Folding Partition	2%			2049	* *	5	$11,600	
Masonry: Brick	10%			LIFE	* *	10	$7,000	
Marble Panels	5%			LIFE	* *	10	$4,600	
Plaster	55%	Now	$62,200	LIFE	* *	5	$38,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classroom 313, Auditorium								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$29,000	

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$31,200	
AcousTileSusp.Lay-In	5%			2038	* *	5	$15,600	
Exposed Struc: Concrete	55%			LIFE	* *	5-10	$214,500	
Plaster	30%	Now	$56,900	LIFE	* *	5	$58,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Classroom 313 And Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Classroom 313 And Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2053	* *			
Iron Picket	90%			2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$8,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	4+	$2,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	5%	0-2	$2,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Stairs								
Parking/Driveway								
Asphalt	50%			2036	* *			
Cast in Place Concrete	50%	0-2	$900	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Driveway								
Explanation : Trench Drain Cover Deteriorating								
Activity Yard								
Cast in Place Concrete	100%	2-4	$12,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Courtyard								
Ponding, Extent : Light, Area Affected : 10%								
Location : Courtyard								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2033	$41,100	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	25%			2053	* *	5	$200	
Fused Disc Sw	25%			2033	$81,300	5	$200	
Fused Knife Sw	50%	2-4	$162,600	2063	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Raceway								
Conduit	90%			2033	$303,400	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$500	
Fused Knife Sw	5%	2-4	$17,000	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	85%			2049	* *	5	$4,500	
Wiring								
Braided Cloth	70%	2-4	$314,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$700	
Locally Mounted	50%			2031	$90,700	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Ground Was Upgraded Within The Last 4 Years								
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	83%			2038	* *	10	$151,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2028	$110,200	2	$100	
LED	15%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Entrance, 2nd Floor Hallways, Auditorium								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$24,000	
Exit, Service	50%			2041	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
HID	10%			2028	$92,800	10	$100	
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$373,500	1	$74,300	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$122,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank For No.2								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$197,000	
Repairs In Progress, Extent : N/A, Area Affected : 30%								
Location : Boiler No. 3 Is Undergoing Tube Replacement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$31,900	2043	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pumps								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2033	$748,800	1	$24,600	
Convector/Radiator	60%			2038	* *	1	$38,600	
Fan Coil Unit/Heat	20%			2028	$986,500	1	$12,900	
Controls								
Pneumatic	100%			2031	$3,845,100			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$236,200			
Window/Wall Unit	30%			2028	$226,100	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$175,700	
Exhaust Fans								
Interior	95%			2033	$838,300	2	$5,800	
Roof	5%	2-4	$400	2033	$19,300	2	$200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2053	* *	1		
Galvanized Steel	30%			2031	$762,000	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 125 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$39,800	4	$6,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Duplex Sets								
Backflow Preventer								
Generic	100%			2038	* *	1	$12,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 25%								
Location : Various Locations								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$82,500	1-2	$1,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 49 - SI**		
Address	: **101 WARREN STREET @HILL ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R049**
Program / Asset #	: **BOE0934.000 / 1440**	**Yr Built/Renovated**	: **1962 / 2006**
Area Sq Ft	: **136,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **556** **Lot** : **80**	**BIN**	: **5014184**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$99,500	$502,500
Interior Architecture	$108,700	$4,434,300
Electrical	$299,700	$1,826,800
Mechanical	$2,298,000	$4,291,900
Site Pavements	$90,000	
Total	**$2,895,800**	**$11,055,600**
Importance Code A	$735,400	$553,900
Importance Code B	$2,017,100	$10,501,700
Importance Code C	$143,300	
Total	**$2,895,800**	**$11,055,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$140,500			
Interior Architecture	$199,000	$2,700	$12,700	$19,100
Electrical	$17,300	$12,700	$12,900	$16,900
Mechanical	$96,700	$23,200	$34,600	$29,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$457,400**	**$42,600**	**$64,200**	**$69,300**
Importance Code A	$140,500	$14,500	$14,500	$14,500
Importance Code B	$245,300	$28,200	$37,000	$54,800
Importance Code C	$71,600		$12,700	
Total	**$457,400**	**$42,600**	**$64,200**	**$69,300**

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%	0-2	$20,300	LIFE	* *	5	$58,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Outside Stair F								
Masonry: Brick	80%			LIFE	* *	5	$198,900	
Metal Panel	10%			2043	* *	5-10	$85,500	
Windows								
Aluminum	100%	0-2	$47,000	2041	* *	5	$24,700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 3%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5-10	$26,900	
Masonry: Brick	40%			LIFE	* *	5-10	$13,000	
Metal Panel	20%			2043	* *	5	$3,700	
Metal Rail	20%			2038	* *	5-10	$17,100	
Roof								
Built-Up (BUR)	80%	Now	$28,400	2038	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Copper/Terne	3%			2048	* *	10	$11,400	
Modified Bitumen	17%	Now	$14,100	2033	$282,600			
Blisters, Extent : Severe, Area Affected : 10%								
Location : Throughout Auditorium Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout Auditorium Roof								
Soffits								
Stucco Cement	100%			2038	* *	5	$3,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$47,800	
Ceramic Tile	5%	0-2	$12,300	2036	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Restrooms								
Terrazzo	5%			LIFE	* *	5	$17,100	
Vinyl Tile	70%			2033	$4,223,300	3	$76,400	
Vinyl Tile	10%			2043	* *	3	$8,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Wood	5%			2048	* *	5	$20,500	

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$19,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Boiler Room								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Boiler Room								
Ceramic Tile	5%			2036	* *	5	$12,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$20,400	
Folding Partition	2%			2041	* *	5	$12,700	
Masonry: Brick	5%			LIFE	* *	10	$3,800	
Plaster	43%	2-4	$53,300	LIFE	* *	5	$32,900	
Spalling, Extent : Light, Area Affected : 2%								
Location : Room 302, Stair L								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$38,200	
Ceilings								
AcousTile,Adhered	5%	0-2	$6,400	2038	* *	5	$4,900	
Adhesion Failure, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor Classrooms								
AcousTileConcealSpLn	20%			2038	* *	5	$49,400	
AcousTileSusp.Lay-In	2%			2038	* *	5	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : Acoustical Tile Ceiling								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$37,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$19,800	
Fiber Board	5%			2033	$154,200			
Metal Panel	2%			LIFE	* *	5	$9,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Metal Panel								
Plaster	46%	Now	$55,300	LIFE	* *	5	$56,800	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Auditorium								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Iron Picket	10%			2053	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	80%			2053	* *			
Cast in Place Concrete	20%			2077	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Yard								
Explanation : Recent Installation Of Ramp And Retaining Walls								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$90,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : By Parking Area								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Main Driveway								
Explanation : Exposed Reinforcement								
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$600	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2032	$44,900	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room And Electrical Room								
Explanation : Aged Equipment								
Fused Disc Sw	5%			2032	$15,000	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Aged Equipment								
Molded Case Bkrs	5%			2049	* *	5	$200	
Molded Case Bkrs	75%			2032	$224,500	5	$2,700	
Wiring								
Braided Cloth	75%	0-2	$299,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	15%			2033	$59,900	1		
Motor Controllers								
Locally Mounted	50%			2031	$90,700	5	$500	
Variable Frequency Drive	50%			2050	* *			
Variable Speed Drives, Extent : Light, Area Affected : 100%								
Location : Boiler Room And Fan Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$120,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : LED Lights								
Egress Lighting								
Emergency, Service	25%			2028	$22,500	1		
Emergency, Battery	25%			2033	$61,200	10	$8,800	
Exit, Service	50%			2028	$31,500	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$255,300	1	$50,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Explanation : CCTV, Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$350,800	1-3	$86,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : Building Fire Alarm Panel Does Not Report To Central Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$339,300	5	$45,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	0-2	$635,900	2038	* *	1	$130,100	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Three Basement Boilers Need Major Repair To Obsolete Burners								
Distribution								
Steam Piping/Pump	100%	Now	$467,400	2043	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Boiler Blow Down Drain Pipe Under Floor								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement Condensate Return Tank And Pumps Need Replacement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : All Classrooms								
Terminal Devices								
Air Handler	30%	Now	$16,500	2033	$823,800	1	$24,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement Thermostat Is Not Working								
Convector/Radiator	70%			2038	* *	1	$33,000	
Controls								
Pneumatic	100%	Now	$1,051,400	2031	$2,628,400			
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Pneumatic Valves In Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	2%			2033	$69,300			
Window/Wall Unit	78%			2031	$431,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$128,800	
Exhaust Fans								
Interior	20%			2038	* *	2	$900	
Roof	80%			2038	* *	2	$3,600	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Electric	20%			2031	$9,500	4		
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Kitchen								
Explanation : 30 Gallon								
Gas Fired	80%	Now	$27,300	2033	$27,300	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Mechanical Room Unit Breaks Often, Obsolete Unit								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$14,400	
Sanitary Piping								
Cast Iron	100%	Now	$91,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Storm Drain Piping								
Cast Iron	100%	Now	$51,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 50%								
Location : Storm Drains								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : On Rainy Days Storm Drains Backup And Flood Basement								
Sump Pump(s)								
Non-Submersible	75%			2033	$21,900	4	$3,500	
Submersible	25%			2026	$1,100	4	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Inadequate To Serve Space								
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To Street Level								
Explanation : The Unit Has Been Condemned								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2043	* *	1-2	$12,300	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 52 - M**		
Address	: **650 ACADEMY STREET @VERMILYEA AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M052**
Program / Asset #	: **BOE0031.000 / 1672**	**Yr Built/Renovated**	: **1905 / 2019**
Area Sq Ft	: **137,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5**		
Block	: **2233** **Lot** : **20**	**BIN**	: **1076776**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$655,500	$234,900
Interior Architecture	$1,163,200	$4,372,200
Electrical	$120,600	$1,192,600
Mechanical	$1,113,900	$2,516,300
Total	**$3,053,200**	**$8,316,000**
Importance Code A	$715,200	$234,900
Importance Code B	$1,624,900	$8,015,600
Importance Code C	$713,100	$65,500
Total	**$3,053,200**	**$8,316,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$99,800			
Interior Architecture	$13,400	$500		$53,000
Electrical	$24,400	$7,800	$6,800	$10,800
Mechanical	$148,600	$25,500	$39,600	$53,200
Site Enclosure	$16,200			
Site Pavements	$15,300			
Total	**$317,700**	**$33,800**	**$46,400**	**$117,100**
Importance Code A	$99,800	$13,600	$13,600	$13,900
Importance Code B	$200,100	$20,300	$32,800	$103,200
Importance Code C	$17,900			
Total	**$317,700**	**$33,800**	**$46,400**	**$117,100**

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DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$45,200	LIFE	* *	5	$71,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Original Building								
Masonry: Brick	90%	Now	$269,700	LIFE	* *	5	$163,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bulkhead And Other Areas Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$6,800	
Windows								
Aluminum	60%	Now	$317,100	2040	* *	5	$8,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : 1905 Wing								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 1905 Wing								
Aluminum	40%			2048	* *	5	$11,100	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$15,400	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Upper And Lower Roofs Of 1905 Building								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping 1905 Wing								
Masonry: Brick	80%	Now	$68,700	LIFE	* *	5	$10,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Metal Rail	15%	4+	$2,700	2037	* *	5	$14,400	
Corrosion/Rusting, Extent : Light, Area Affected : 100%								
Location : Addition								
Roof								
Built-Up (BUR)	95%	Now	$36,400	2037	* *			
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Main Roof, Room 520. Lower Roof Storage Room And Auditorium								
Copper/Terne	5%			2060	* *	10	$8,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,100	
Ceramic Tile	5%	Now	$11,400	2035	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Toilets								
Quarry Tile	5%			2037	* *	5	$15,200	
Vinyl Tile	73%	Now	$81,500	2032	$4,073,400	3	$55,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	2%			2040	* *	3	$1,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Health Clinic								
Wood	10%			2047	* *	5	$37,900	
Interior Walls								
Cast in Place Concrete	5%	Now	$65,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	10%	Now	$381,500	2035	* *	5	$17,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Staircases and Kitchen								
Gypsum Board	2%			LIFE	* *	5	$4,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Health Clinic								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	63%	Now	$265,700	LIFE	* *	5	$65,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	8%			2037	* *	5	$16,200	
AcousTileSusp.Lay-In	2%			2049	* *	5	$4,000	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Health Clinic								
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,700	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2032	$157,500			
Metal Panel	5%			LIFE	* *	5	$12,600	
Plaster	60%	Now	$368,600	LIFE	* *	5	$75,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%	4+	$2,000	2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 100%								
Location : Throughout								
Iron Picket	40%	Now	$600	2067	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Original Building								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Along Vermilyea Avenue								
Retaining Walls								
Cast in Place Concrete	100%	Now	$13,600	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Adjacent To Parking Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Asphalt	90%	Now	$2,600	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Schoolyard								
Cast in Place Concrete	10%			2045	* *			
Parking/Driveway								
Asphalt	100%	Now	$12,700	2035	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Upper And Lower Parking Lot								
Activity Yard								
Traffic Topping	100%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Field								
Explanation : Specialty Finish								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 117								
Explanation : One 3000 And One 1200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$600	
Raceway								
Conduit	100%			2032	$288,800	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$300	
Molded Case Bkrs	90%			2040	* *	5	$3,200	
Wiring								
Braided Cloth	5%			2031	$20,000	1		
Thermoplastic	95%			2032	$379,600	1		
Motor Controllers								
Locally Mounted	85%			2030	$154,200	5	$800	
Motor Control Center	10%			2030	$72,700	5	$400	
Variable Frequency Drive	5%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$120,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Service	10%	Now	$400	2037	* *	1		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Public Assembly Spaces								
Emergency, Battery	40%	Now	$18,400	2032	$92,000			
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Exit, Battery	50%			2037	* *	10	$4,600	
Exterior Lighting								
HID	10%			2032	$63,900	10		
No Component	90%							
Alarm								
Security System								
No Component	50%							
Generic	30%			2037	* *	1	$15,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	20%			2037	* *	1	$10,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2032	$141,400	1-3	$33,800	

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DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$42,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Oil Tanks 15000 Gallons Each.								
Conversion Equipment								
Steam Boiler	100%	Now	$59,700	2037	* *	1	$122,100	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Boiler Room. Defective Control Panel At Boiler 1.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units.								
Distribution								
Steam Piping/Pump	100%	Now	$109,700	2042	* *			
Broken, Extent : Severe, Area Affected : 5%								
Location : Basement Mechanical Room. Defective Pump At Steam Condensate Return Pumping System								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Basement								
Explanation : Missing Condensate Pump At Steam Condensate Return Pumping System								
Terminal Devices								
Air Handler	30%	0-2	$15,500	2037	* *	1	$22,900	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room. Steam Coil Leaking For Boys Gymnasium Air Handling Unit-11 And Cafeteria Air Handling Unit-12.								
Convector/Radiator	50%			2030	$560,100	1	$22,100	
Fan Coil Unit/Heat	20%	Now	$13,600	2027	$679,300	1	$8,000	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : 2nd Floor. Defective Motors At Unit Ventilators.								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	15%			2032	$488,000			
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Data Room 117a. DX Split System Installed In 2017.								
Window/Wall Unit	60%			2030	$311,400	1		
No Component	15%							
Under Construction	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Health Clinic								
Explanation : Air Conditioning System Under Construction.								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
No Component	90%							
Under Construction	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Health Clinic								
Explanation : Duct Distribution Under Construction.								
Terminal Devices								
Air Handler/Dir Expansion	10%			2032	$223,300	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Boiler Room								
Explanation : Direct Expansion Cooling Coil In Ductwork For Auditorium Air Handler System.								
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%	Now	$3,400	2037	* *	2	$7,600	
Broken, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Roof . Defective Condensing Unit Associated With Auditorium Air Handler								
Evaporative Condenser	5%			2032	$30,600	2	$4,800	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,400	
Exhaust Fans								
Interior	30%			2027	$182,300	2	$1,300	
Roof	70%	0-2	$9,300	2037	* *	2	$2,300	
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof. 3 Defective Motors.								
Noisy/Vibrating, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Mechanical Room. Noisy/vibrating Cafeteria Exhaust Fan.								
Plumbing								
H/C Water Piping								
Brass/Copper	34%	Now	$12,000	2042	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 10%								
Location : Basement Mechanical Room								
Broken, Extent : Severe, Area Affected : 2%								
Location : Basement Mechanical Room. 1 Of 3 Defective Pump Motors.								
Brass/Copper	66%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room.								
Explanation : Unit Installed In 2013.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2032	$662,500	4	$20,300	
Not Insulated, Extent : Severe, Area Affected : 100%								
Location : Boiler Room. Domestic Hot Water Tank Missing Insulation.								
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Boiler Room. Not In Use.								
Sanitary Piping								
Cast Iron	12%	Now	$82,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Kitchen. 3 Grease Traps.								
Corroded, Extent : Severe, Area Affected : 30%								
Location : Cross Bay								
Cast Iron	88%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$24,200	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 30%								
Location : Cross Bay								
Cracked, Extent : Severe, Area Affected : 5%								
Location : Cross Bay								
Sump Pump(s)								
Non-Submersible	100%	Now	$27,400	2042	* *	4	$2,900	
Broken, Extent : Severe, Area Affected : 10%								
Location : Basement Mechanical Room. Defective Sump Pump.								
Backflow Preventer								
No Component	67%							
Generic	33%			2037	* *	1	$2,800	
Fixtures								
Generic	100%							
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : 5th Floor. Defective Drinking Fountains In Corridor.								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2032	$189,500	1-2	$3,800	
Chemical System								
Generic	100%	Now	$32,600	2031	$81,600	1-3	$68,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : Obsolete Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 53 - Q**		
Address	: **10-45 NAMEOKE STREET @DINSMORE AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q053**
Program / Asset #	: **BOE0710.000 / 2273**	**Yr Built/Renovated**	: **1973 / 2000**
Area Sq Ft	: **164,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **15557** **Lot** : **25**	**BIN**	: **4298234**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$647,200	$136,000
Interior Architecture	$1,016,700	
Electrical	$147,400	$1,395,300
Mechanical	$1,216,800	$4,817,200
Total	**$3,028,000**	**$6,348,600**
Importance Code A	$647,200	$1,616,900
Importance Code B	$2,380,900	$4,731,700
Total	**$3,028,000**	**$6,348,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$17,300	
Interior Architecture	$108,200		$3,600	$49,100
Electrical	$14,500	$12,900	$31,400	$14,400
Mechanical	$80,600	$38,400	$123,500	$43,400
Site Enclosure	$3,100			
Site Pavements	$33,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$244,300**	**$55,200**	**$179,700**	**$110,800**
Importance Code A	$16,200	$16,200	$33,900	$16,200
Importance Code B	$194,000	$38,900	$145,800	$94,600
Importance Code C	$34,000			
Total	**$244,300**	**$55,200**	**$179,700**	**$110,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$26,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Around Entire Building								
Explanation : Sidewalk Shed And Scaffold For Roof, Windows, Parapet And Skylight Construction								
Masonry: Brick Cavity	70%	Now	$647,200	LIFE	* *	5	$74,300	
Efflorescence, Extent : Severe, Area Affected : 10%								
Location : Front Facade At Nameoke Street Between Second Through Fourth Floors								
Sidewalk Shed in Use, Extent : Severe, Area Affected : 100%								
Location : Entire Perimeter Of Building								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Classrooms On Fourth And First Floor								
Metal/Glass Curt Wall	25%			LIFE	* *	5	$49,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout, 75 Percent Completed At Time Of Survey								
Windows								
Aluminum	100%			2056	* *	5	$18,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 75 Percent Completed At Time Of Walkthrough								
Parapets								
Masonry: Brick	87%			LIFE	* *	5	$9,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : All Parapets At Substantial Completion At Time Of Survey								
Metal Panel	3%			2061	* *	5	$1,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Parapets At Substantial Completion At Time Of Survey								
Metal Rail	10%			2051	* *	5-10	$19,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : At Substantial Completion At Time Of Survey								
Roof								
Modified Bitumen	55%			2041	* *	10	$61,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof, Substantial Completion At Time Of Survey								
Skylight, Metal/Glass	10%			2061	* *	10	$37,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Replacement In Progress, 50 Percent At Time Of Survey								
Under Construction	35%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	28%			2030	$1,185,900	3	$134,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second And Third Floors								
Explanation : Classrooms Under Charter Have All Been Renovated With Carpet Tiles. Entire Second And Third Floor Are Under Charter Schools.								
Cast in Place Concrete	5%	0-2	$20,400	LIFE	* *	5	$26,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2044	* *	5	$7,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Bathrooms								
Quarry Tile	2%			2036	* *	5	$7,200	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Kitchen								
Terrazzo	5%	Now	$223,900	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Lobby And Corridors On First Floor								
Uneven Surface, Extent : Moderate, Area Affected : 25%								
Location : Lobby And Corridors On First Floor								
Vinyl Tile	10%			2039	* *	3	$12,000	
Vinyl Tile	12%	0-2	$158,800	2036	* *	3	$10,800	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Boys Locker Rooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Boys Locker Rooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Boys Locker Rooms								
Vinyl Tile 9" X 9"	30%	Now	$634,000	2041	* *	3	$26,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms								
Wood	5%			2059	* *	5	$22,500	
Interior Walls								
Cast in Place Concrete	35%	Now	$20,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead								
Ceramic Tile	2%			2044	* *	5	$800	
Concrete Masonry Unit	45%			LIFE	* *	5	$7,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Glass: Single Pane	3%			LIFE	* *	5	$900	
Masonry: Brick	10%			LIFE	* *			
Wood	5%			LIFE	* *	5	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Lobby And Corridors								
Explanation : Wood Paneling								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$15,400	2036	* *	5	$12,000	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : First Floor Classrooms								
Exposed Struc: Concrete	78%			LIFE	* *	5	$29,200	
Metal Panel	2%			LIFE	* *	5	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Dropped Ceiling								
Plaster	10%			LIFE	* *	5	$15,000	
Site Enclosure								
Fence/Gates								
Chain Link	25%	0-2	$2,200	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Playground								
Iron Picket	25%	Now	$1,000	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Under Construction	50%							
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%	Now	$12,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Nameoke Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Nameoke Street								
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Nameoke Street								
Explanation : Side Walk Under Construction For Utilities Work								
On-Site Walkways								
Cast in Place Concrete	10%	Now	$9,800	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Entrance Walkways								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : Walkways To Entrances And Accessible Entrance								
Under Construction	90%							
Parking/Driveway								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	38%	Now	$6,800	2034	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Three Locations On Running Track Area Due To Tree Roots								
Pavers/Stone	2%			2034	* *			
Rubber Matting	10%	Now	$5,300	2036	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Jungle Gymnasium								
Explanation : Tree Roots Are Growing Below Tiles Changing The Level Of Surface								
Under Construction	50%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	85%			2031	$248,700	5	$600	
Fused Disc Sw	15%			2051	* *	5	$100	
Raceway								
Conduit	85%			2031	$245,500	1		
Conduit	15%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$400	
Molded Case Bkrs	85%			2030	$288,400	5	$3,700	
Molded Case Bkrs	5%			2047	* *	5	$200	
Wiring								
Thermoplastic	85%			2031	$339,600	1		
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$145,200	5	$900	
Locally Mounted	20%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	2%			2036	* *	10	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Fluorescent	96%			2036	* *	10	$144,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$19,500	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	10%			2031	$76,500	10	$100	
HID	10%			2036	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$18,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$104,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$381,400	5	$50,800	
Conversion Equipment								
Steam Boiler	100%			2029	$1,429,500	1	$162,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units. 2 Heat Exchangers Converting To Hot Water For Radiaters								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	30%	0-2	$21,500	2039	* *	4	$2,400	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : It Causes Leaking At Various Locations								
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Defective Pneumatic Control System.								
Hot Wtr Piping/Pump	60%			2030	$215,200	4	$4,900	
Steam Piping/Pump	10%			2041	* *			
Terminal Devices								
Air Handler	5%	Now	$3,100	2026	$154,300	1	$4,600	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Flexible Connections, Various Locations								
Air Handler	25%			2026	$771,600	1	$25,400	
Convector/Radiator	70%			2029	$938,700	1	$37,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2039	* *	1	$19,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410a Refrigerant								
Window/Wall Unit	5%			2026	$31,100	1		
No Component	70%							
Terminal Devices								
Fan Coil - 2 Pipe	25%			2039	* *	1	$13,200	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2039	* *	2	$28,600	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,400	
Exhaust Fans								
Interior	40%			2026	$290,900	2	$2,000	
Roof	60%	0-2	$9,500	2031	$190,900	2	$2,400	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
HW Heat Exchanger								
Steam Fired	100%			2031	$793,000	4	$16,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	20%	0-2	$2,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Roof								
Cast Iron	80%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$13,100	2041	* *	4	$3,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sewage Ejector(s)								
Electric	100%	0-2	$1,700	2036	* *	4	$6,500	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit. Not In Service.								
Fire Suppression								
Standpipe								
Generic	100%			2031	$755,100	1-5	$82,700	
Sprinkler								
No Component	95%							
Generic	5%			2031	$113,400	1-2	$2,300	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 54 - M (J. H. S. 54 - M)**
Address : **103 WEST 107 STREET BTWN: COLUMBUS AVE., AMSTERDAM A**
Borough : **MANHATTAN**
Agency's Number : **M054**
Program / Asset # : **BOE0032.000 / 1673**
Yr Built/Renovated : **1950 / 2009**
Area Sq Ft : **114,000**
Project Type : **EDUCATION**
Date of Survey : **12-May-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1862** **Lot** : **11** **BIN** : **1055990**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$277,300	$188,400
Interior Architecture	$915,100	$90,300
Electrical	$468,500	$999,900
Mechanical		$2,856,300
Site Enclosure	$133,100	
Total	**$1,794,000**	**$4,134,900**
Importance Code A	$277,300	$239,700
Importance Code B	$788,300	$3,895,100
Importance Code C	$728,300	
Total	**$1,794,000**	**$4,134,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$130,700		$2,000	
Interior Architecture	$89,900		$36,100	
Electrical	$52,000	$10,600	$13,200	$11,900
Mechanical	$55,300	$9,500	$17,600	$14,400
Site Enclosure	$13,300			
Site Pavements	$29,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$378,900**	**$28,100**	**$76,800**	**$34,200**
Importance Code A	$130,700		$2,000	
Importance Code B	$204,700	$28,100	$74,800	$34,200
Importance Code C	$43,500			
Total	**$378,900**	**$28,100**	**$76,800**	**$34,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$376,700	
Masonry: Limestone	5%			LIFE	* *	5	$14,900	
Windows								
Aluminum	2%	Now	$15,600	2049	* *	5	$400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Classrooms								
Aluminum	98%			2049	* *	5	$40,000	
Parapets								
Masonry: Brick	84%			LIFE	* *	5-10	$104,200	
Masonry: Limestone	15%			LIFE	* *	5-10	$33,200	
Metal Rail	1%			2046	* *	5-10	$3,300	
Roof								
Copper/Terne	5%			2061	* *	10	$10,800	
Modified Bitumen	93%	Now	$44,100	2038	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 340								
Skylight, Metal/Glass	2%			2043	* *	10	$5,800	
Soffits								
Masonry: Limestone	100%	4+	$13,900	LIFE	* *	5	$400	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Entrance At Columbus Avenue And 108th Street								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$45,100	
Ceramic Tile	5%	0-2	$29,100	2036	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms And Kitchen								
Terrazzo	5%			LIFE	* *	5	$16,100	
Vinyl Tile	80%			2041	* *	3	$61,900	
Wood	5%			2048	* *	5	$19,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$24,000	2042	* *	5	$4,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,000	
Glazed Ceramic Panel	1%	2-4	$2,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Lobby								
Plaster	59%	Now	$125,100	LIFE	* *	5	$30,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair F At Exit 8 Basement, Bathroom B18								
SGFT/Glazed Masonry	30%	Now	$470,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Base Of Corridors								
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	15%			2046	* *	5	$31,000	
Exposed Struc: Concrete	15%	Now	$231,900	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Room B2 Sprinkler Control Room								
Plaster	70%	Now	$87,900	LIFE	* *	5	$90,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 340								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$133,100	2068	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Columbus Avenue								
Free Standing Walls								
Masonry: Brick	100%	Now	$13,300	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Along 107th Street								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Along 107th Street								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$29,800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 107th Street, 108th Street And Columbus Avenue								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	25%			2053	* *	5	$100	
Fused Knife Sw	75%	2-4	$195,100	2063	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	95%			2033	$231,500	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Fused Knife Sw	10%	2-4	$24,000	2058	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Extended Life								
Molded Case Bkrs	75%			2032	$179,600	5	$2,300	
Molded Case Bkrs	5%			2049	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$273,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Thermoplastic	15%			2033	$51,300	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,700	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$94,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2038	* *	10	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Compact Fluorescent Lights								
LED	7%			2038	* *			
Egress Lighting								
Emergency, Battery	25%			2028	$47,800	10	$6,900	
Emergency, Battery	25%			2038	* *	10	$6,900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$159,600	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$42,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$70,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$261,600	5	$35,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Boiler Room Renovation Is In Progress.								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Outside The School								
Explanation : 1 Temporary Steam Boiler Is Being Used								

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DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Steam Traps, Control System.								
Terminal Devices								
Air Handler	25%			2033	$536,300	1	$17,600	
Convector/Radiator	75%			2031	$699,200	1	$27,600	
Controls								
Under Construction	100%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$302,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,600	
Exhaust Fans								
Interior	95%			2033	$480,300	2	$3,300	
Roof	5%			2028	$11,100	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$436,600	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Temporary Electrical 120 Gallon Unit Is Being Used.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$4,600	2033	$22,800	4	$2,400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit. Not In Service For Several Years.								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$78,800	1-2	$1,600	
Chemical System								
Generic	100%			2028	$61,200	1-3	$60,700	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Covers 15 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 55 - BK**		
Address	: **2021 BERGEN STREET @ THOMAS S. BOYLAND ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K055**
Program / Asset #	: **BOE0383.000 / 1405**	**Yr Built/Renovated**	: **1968 / 2012**
Area Sq Ft	: **164,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1448** **Lot** : **1**	**BIN**	: **3038939**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,211,600	$3,226,500
Interior Architecture	$32,300,100	
Electrical	$432,700	$3,405,400
Mechanical	$3,351,900	$2,848,300
Site Pavements	$104,100	
Total	**$39,400,400**	**$9,480,200**
Importance Code A	$3,211,600	$4,707,400
Importance Code B	$36,137,600	$4,772,800
Importance Code C	$51,200	
Total	**$39,400,400**	**$9,480,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,200		$36,500	
Interior Architecture	$109,300			$29,700
Electrical	$69,800	$7,400	$25,100	$4,800
Mechanical	$99,100	$23,900	$73,900	$32,000
Site Enclosure	$900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$297,300**	**$35,300**	**$139,500**	**$70,500**
Importance Code A	$30,500	$16,200	$53,100	$16,200
Importance Code B	$239,600	$19,000	$86,400	$54,300
Importance Code C	$27,200			
Total	**$297,300**	**$35,300**	**$139,500**	**$70,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%	Now	$185,900	LIFE	* *	5	$106,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Facade At Library Windows And Classrooms								
Metal Panel	15%			2051	* *	5-10	$129,400	
Windows								
Aluminum	100%	Now	$5,100	2047	* *	5	$300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : At Library And Classrooms								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Library Windows And Classrooms								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$9,700	
Metal Panel	5%			2051	* *	5	$2,400	
Metal Rail	5%			2044	* *	5-10	$11,000	
Metal Security Bars	5%			2046	* *			
Pre-Cast Concrete	5%	0-2	$2,500	LIFE	* *	5	$3,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Under Coping Stone								
Roof								
Built-Up (BUR)	100%	Now	$3,025,700	2031	$3,025,700			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Upper And Lower Roofs								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$32,500	
Ceramic Tile	5%	Now	$83,800	2046	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Toilets Throughout								
Quarry Tile	5%			2044	* *	5	$22,300	
Vinyl Tile	20%			2036	* *	3	$29,700	
Vinyl Tile 9" X 9"	60%	0-2	$629,400	2026	$31,469,900	3	$66,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Various Locations Within Corridors And Stair Landings								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Wood	5%	Now	$17,700	2059	* *	5	$13,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$51,200	2046	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Kitchen And Toilets Throughout								
Loose Units, Extent : Severe, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$1,200	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Operable Wall	2%	Now	$3,600	2041	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Explanation : Impact Damage								
Plaster	40%	Now	$6,000	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Library								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Library								
SGFT/Glazed Masonry	30%	0-2	$16,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout.								
Wood	1%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium Walls								
Explanation : Decorative Wood								

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DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	0-2	$37,100	2044	* *	5	$28,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	63%			LIFE	* *	5	$28,400	
Metal Panel	2%	2-4	$9,500	LIFE	* *	5	$7,200	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Plaster	15%	0-2	$65,800	LIFE	* *	5	$27,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Gymnasium And Classrooms Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Classrooms Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2051	* *			
Iron Picket	75%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%	Now	$900	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Along Dean Street								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Along Dean Street								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$104,100	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Along Dean Street								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protectors Rated At 2,500 And 2,000 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$700	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	20%			2030	$67,900	5	$800	
Molded Case Bkrs	70%			2030	$237,500	5	$3,000	
Molded Case Bkrs	10%			2047	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	90%			2029	$163,300	5	$1,000	
Locally Mounted	10%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	85%			2031	$2,078,000	10	$127,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	15%	4+	$34,100	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium And Auditorium								
Explanation : Some LEDs Showing Partial Failure In Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$19,800	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%	Now	$30,600	2026	$153,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Ballast And Photocell Failures								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$18,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$126,900	1-3	$30,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	$1,429,500	1	$162,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3 Units In The Basement								
Distribution								
Steam Piping/Pump	100%	Now	$26,300	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Valves								
Terminal Devices								
Air Handler	20%			2026	$617,200	1	$20,300	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Rooms								
Convector/Radiator	20%			2036	* *	1	$10,600	
Fan Coil Unit/Heat	60%			2026	$2,439,700	1	$31,800	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	15%			2036	* *			
Window/Wall Unit	2%	0-2	$7,500	2031	$12,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : 2 Of 100 Classrooms Multiple Mechanical And Electrical Defects								
Window/Wall Unit	68%			2029	$422,500	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,400	

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DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2026	$145,500	2	$1,000	
On Extended Life, Extent : Light, Area Affected : 30%								
Location : Basement And Second Floor Fan Rooms								
Roof	20%	Now	$63,600	2041	* *	2	$800	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Roof, 6 Of 17 Units With Mutiple Mechanical And Electrical Defects								
Roof	60%			2031	$190,900	2	$3,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Booster Pumping System								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$793,000	4	$16,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Sanitary Piping								
Cast Iron	100%	Now	$41,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Causing Ponding								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$32,800	4	$3,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2026	$85,900	4	$6,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	80%							
Generic	2%	0-2	$900	2041	* *	1	$200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement Over The Hot Water Heater								
Explanation : Leaky Backflow Preventer								
Generic	18%			2036	* *	1	$1,800	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2051	* *	1-2	$4,600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 59 - Q**		
Address	: **132-55 RIDGEDALE STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q059**
Program / Asset #	: **BOE0714.000 / 2277**	**Yr Built/Renovated**	: **1956 / 2008**
Area Sq Ft	: **141,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **12723** **Lot** : **76**	**BIN**	: **4274083**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$561,800	$914,900
Interior Architecture	$1,865,400	$3,400,000
Electrical	$836,600	$812,200
Mechanical	$1,298,000	$1,880,900
Site Pavements	$114,200	
Total	**$4,676,100**	**$7,008,000**
Importance Code A	$561,800	$914,900
Importance Code B	$3,621,700	$5,013,900
Importance Code C	$492,600	$1,079,200
Total	**$4,676,100**	**$7,008,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,300		$29,100	
Interior Architecture	$117,800	$19,800	$18,400	$23,100
Electrical	$34,300	$6,000	$4,500	$4,300
Mechanical	$21,800	$19,500	$31,200	$19,500
Site Enclosure	$39,200			
Site Pavements	$80,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$303,800**	**$49,300**	**$87,200**	**$50,900**
Importance Code A	$20,300	$14,000	$43,400	$14,000
Importance Code B	$207,900	$20,800	$43,800	$36,900
Importance Code C	$75,600	$14,600		
Total	**$303,800**	**$49,300**	**$87,200**	**$50,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$79,900	LIFE	* *	5	$39,200	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Stairs At Exit 4 And 5								
Staining/Discoloring, Extent : Severe, Area Affected : 15%								
Location : Stairs At Exit 4 And 5								
Glazed Ceramic Panel	3%			LIFE	* *	5	$14,100	
Masonry: Brick Cavity	35%	Now	$61,200	LIFE	* *	5	$35,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : West Facade In Basement								
Metal/Glass Curt Wall	48%			LIFE	* *	5	$90,400	
Metal Panel	7%			2051	* *	5-10	$48,300	
Granite Panels	2%			LIFE	* *	5	$1,500	
Windows								
Aluminum	100%	Now	$173,400	2039	* *	5	$9,100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$9,900	
Masonry: Limestone	3%	0-2	$4,600	LIFE	* *	5	$500	
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Coping Stones								
Metal Panel	17%			2051	* *	5	$8,200	
Roof								
Built-Up (BUR)	95%	Now	$247,300	2031	$824,500			
Ponding, Extent : Moderate, Area Affected : 25%								
Location : All Roofs								
Copper/Terne	5%			2046	* *	10	$9,300	
Soffits								
Cast in Place Concrete	30%	Now	$1,700	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Ridgedale Street At Basement Level Soffits								
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : Ridgedale Street At Basement Level Soffits								
Metal Panel	70%			2041	* *	5-10	$9,400	
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2030	$74,300	3	$8,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Throughout, Includes Classrooms 319 And 423								
Explanation : Classrooms With Carpet								
Cast in Place Concrete	5%	Now	$17,900	LIFE	* *	5	$23,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Pit								
Vegetation Growth, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Pit								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Boiler Room Pit								
Ceramic Tile	5%			2040	* *	5	$10,500	
Terrazzo	3%			LIFE	* *	5	$4,900	
Vinyl Tile	40%	Now	$46,400	2031	$2,320,800	3	$31,500	
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : Includes Room 200a								
Vinyl Tile 9" X 9"	40%	0-2	$741,400	2041	* *	3	$31,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 2nd, 3rd, 4th Floor Corridors And Classrooms Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : 2nd, 3rd, 4th Floor Corridors And Classrooms Throughout								
Wood	4%			2066	* *	5	$15,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Wood	1%	2-4	$2,500	2046	* *	5	$2,000	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Auditorium Stage								
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Auditorium Stage								

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DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$27,700	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Columns In Basement								
Ceramic Tile	3%			2040	* *	5	$10,900	
Concrete Masonry Unit	48%	Now	$328,800	LIFE	* *	5	$70,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Diagonal Cracks, Extent : Severe, Area Affected : 2%								
Location : Boiler Room In East Facade								
Horizontal Cracks, Extent : Severe, Area Affected : 2%								
Location : Bulkhead								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Boiler Room, Exit 11 And Bulkhead								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Explanation : Mold								
Folding Partition	2%			2030	$1,009,300	5	$18,200	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$10,900	
SGFT/Glazed Masonry	25%	0-2	$163,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Corridors								
Ceilings								
AcousTile,Adhered	8%			2044	* *	5	$16,800	
AcousTileConcealSpLn	15%	Now	$304,200	2051	* *	5	$19,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : First, Second And Fourth Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement, First, Second And Fourth Floor Corridor								
AcousTileSusp.Lay-In	10%			2036	* *	5	$21,000	
Exposed Struc: Concrete	52%	Now	$327,300	LIFE	* *	5	$17,100	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor Classrooms								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%	Now	$12,800	LIFE	* *	5	$13,100	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Exit 11								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%			2044	* *	5-10	$7,900	
Chain Link	50%			2051	* *			
Iron Picket	45%	2-4	$12,500	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Ridgedale Street								
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$21,900	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Wall At Ramp And Ridgedale Street At Basement Level								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Ridgedale Street At Basement Level								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$114,200	2036	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Springfield Boulevard								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Ridgedale Street								
Explanation : Utility Work In Progress								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$20,300	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Stairs At Exit 4 And 5								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stairs At Exit 4 And 5								
Masonry: Granite	5%	Now	$10,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 75%								
Location : Exit To Playground								
Panel/Paver: Concrete	5%			2041	* *			
Activity Yard								
Asphalt	100%	0-2	$49,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								

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DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	20%			2051	* *	5	$100	
Fused Knife Sw	80%	2-4	$234,100	2061	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Fused Knife Sw	5%	2-4	$15,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	5%	2-4	$15,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	60%			2030	$179,600	5	$2,200	
Molded Case Bkrs	20%			2047	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	20%			2036	* *	5	$200	
Locally Mounted	80%			2029	$145,200	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$121,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2036	* *	10	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Explanation : Compact Fluorescent Lights								
LED	3%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$118,300	10	$17,000	
Exit, Service	50%			2031	$30,400	1		
Exterior Lighting								
HID	30%			2026	$197,400	10	$100	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$15,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Case Landings, Hallways, Perimeter Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$109,100	1-3	$26,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$139,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	15%	0-2	$50,800	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump In Basement								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats, Various Locations								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Steam Piping/Pump	85%			2041	* *			
Terminal Devices								
Air Handler	20%			2026	$530,700	1	$17,400	
Convector/Radiator	80%			2029	$922,400	1	$36,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2026	$267,100	1		
No Component	50%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,600	
Exhaust Fans								
Interior	50%			2026	$312,700	2	$2,200	
Roof	50%			2026	$136,800	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$900,000	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 4th Floor							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$58,500	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 61 - BK**		
Address	: **400 EMPIRE BOULEVARD @NEW YORK AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K061**
Program / Asset #	: **BOE0388.000 / 2626**	**Yr Built/Renovated**	: **1958 / 2012**
Area Sq Ft	: **140,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1316** **Lot** : **15**	**BIN**	: **3337872**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,575,800	$2,987,300
Interior Architecture	$600,700	$6,477,600
Electrical	$354,100	$1,130,700
Mechanical	$512,100	$869,000
Total	**$5,042,800**	**$11,464,700**
Importance Code A	$3,575,800	$3,038,700
Importance Code B	$1,403,100	$8,426,000
Importance Code C	$63,800	
Total	**$5,042,800**	**$11,464,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,000			$46,600
Interior Architecture	$157,000			$31,600
Electrical	$32,500	$4,100	$5,700	$67,200
Mechanical	$70,300	$23,000	$32,800	$21,400
Site Enclosure	$17,600			
Site Pavements	$2,500			
Total	**$281,800**	**$27,100**	**$38,500**	**$166,800**
Importance Code A	$16,800	$14,900	$14,900	$61,700
Importance Code B	$208,900	$12,200	$23,600	$105,000
Importance Code C	$56,100			
Total	**$281,800**	**$27,100**	**$38,500**	**$166,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	32%	Now	$337,200	LIFE	* *	5	$41,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : South Elevation At First Floor								
Painted Surfaces, Extent : Light, Area Affected : 15%								
Location : South Side Of Building								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Classrooms								
Masonry: Granite	3%	Now	$90,700	LIFE	* *	5	$2,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal/Glass Curt Wall	65%	Now	$2,803,900	LIFE	* *	5	$156,000	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$242,100	2040	* *	5	$25,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Lobby								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,800	
Masonry: Brick	25%			LIFE	* *	5	$1,200	
Metal Rail	65%			2037	* *	5-10	$57,300	
Roof								
Built-Up (BUR)	40%			2032	$731,000	10	$62,600	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Lower Roofs								
Copper/Terne	3%			2047	* *	10	$11,700	
IRMA/Protected Membrane	55%	Now	$101,900	2032	$2,037,700			
Insul Miss/Displaced, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	2%			2042	* *	10	$10,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Metal Panel	100%	Now	$2,000	2042	* *	5	$2,800	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : All Canopies								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Various Entrance Canopies On Empire Boulevard								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$24,600	
Ceramic Tile	5%	4+	$31,700	2035	* *	5	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Student Bathrooms								
Sheet Vinyl/Rubber	5%	Now	$220,600	2042	* *	5	$8,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : This Is Actually Linoleum Sheet Flooring								
Terrazzo	5%			LIFE	* *	5	$8,800	
Vinyl Tile	70%	Now	$87,000	2032	$4,347,500	3	$59,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Corridors								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Corridors								
Uneven Substrate, Extent : Light, Area Affected : 20%								
Location : Corridors								
Vinyl Tile 9" X 9"	5%	Now	$39,700	2032	$1,984,000	3	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stairs At Roof Bulkhead								
Wood	5%			2047	* *	5	$21,100	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%	Now	$36,100	2035	* *	5	$6,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$63,800	LIFE	* *	5	$39,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various 3rd Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Various 3rd Floor Classrooms								
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%	Now	$229,300	2037	* *	5	$35,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,800	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2032	$95,200			
Metal Panel	5%			LIFE	* *	5	$12,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Plaster	40%	Now	$49,500	LIFE	* *	5	$50,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Kitchen Entry Area								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Kitchen Entry Area								
Site Enclosure								
Fence/Gates								
Chain Link	54%	2-4	$9,100	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Off Play yard								
Iron Picket	46%	4+	$8,500	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	75%	Now	$1,200	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Both Site Stairs At Rear Yard								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Both Site Stairs At Rear Yard And Ramp At Main Entrance								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Top Landing At Site Stair Leading To Kitchen Entry								
Masonry: Granite	25%	Now	$1,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : At All Entry Stairs								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches And One 400 Ampere Emergency Lighting Disconnect								
Switchgear / Switchboard								
Fused Disc Sw	30%			2032	$87,800	5	$200	
Molded Case Bkrs	70%			2032	$204,800	5	$2,600	
Raceway								
Conduit	95%			2032	$274,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$300	
Molded Case Bkrs	88%			2031	$263,400	5	$3,200	
Molded Case Bkrs	2%			2048	* *	5	$100	
Wiring								
Braided Cloth	75%	0-2	$299,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2032	$79,900	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%	2-4	$54,400	2052	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	40%			2030	$72,600	5	$400	
Variable Frequency Drive	10%			2049	* *			
Variable Speed Drives, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2037	* *	10	$27,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	70%			2040	* *	10	$96,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Service	40%			2040	* *	1		
Emergency, Service	20%	Now	$9,300	2042	* *	1		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout Corridors And Stairways								
Exit, Service	40%			2027	$25,900	1		
Exterior Lighting								
HID	1%			2027	$6,500	10		
LED	9%			2040	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2067	* *	5	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Air Terminals On Chimney Stack Only								
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$15,700	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$21,700	2040	* *	1-3	$23,500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Fire Alarm Control Panel On First Floor								
Explanation : Trouble Signal								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	20%			2032	$565,300	1	$18,600	
Convector/Radiator	80%			2037	* *	1	$38,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Roof								
Explanation : 4 Units. R-410a								
Window/Wall Unit	90%			2027	$512,100	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,800	
Exhaust Fans								
Interior	30%			2032	$199,900	2	$1,400	
Roof	70%			2037	* *	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$38,600	2042	* *	1		
Antiquated, Extent : Moderate, Area Affected : 5%								
Location : Both Water Mains								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Both Water Mains								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Water Main On Empire Blvd. Side								
Water Heater With Tanks								
Electric	40%			2030	$9,500	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Located And Serving The Kitchen								
Gas Fired	60%			2030	$10,200	2		
Other Observation, Extent : N/A, Area Affected : 1%								
Location : Basement								
Explanation : Temporary Unit In Basement But Not Being Used.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$10,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Court Yard								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$4,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$103,900	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 61 - Q**		
Address	: **98-50 50 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q061**
Program / Asset #	: **BOE0716.000 / 2259**	**Yr Built/Renovated**	: **1966 / 2002**
Area Sq Ft	: **237,717**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1891** **Lot** : **32**	**BIN**	: **4046834**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$695,600	$713,600
Interior Architecture	$2,138,200	$189,000
Electrical	$628,900	$5,393,200
Mechanical	$58,900	$772,700
Site Pavements	$52,200	
Total	**$3,573,800**	**$7,068,500**
Importance Code A	$695,600	$713,600
Importance Code B	$2,697,400	$6,354,900
Importance Code C	$180,800	
Total	**$3,573,800**	**$7,068,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$72,900		$4,600	
Interior Architecture	$154,700			$33,400
Electrical	$68,700	$38,700	$46,500	$41,100
Mechanical	$91,100	$68,700	$71,100	$61,200
Site Enclosure	$5,100			
Site Pavements	$24,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$424,900**	**$115,300**	**$130,100**	**$143,600**
Importance Code A	$96,400	$23,500	$28,100	$23,500
Importance Code B	$223,000	$91,800	$102,000	$120,000
Importance Code C	$105,500			
Total	**$424,900**	**$115,300**	**$130,100**	**$143,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$255,800	
Masonry: Limestone	3%			LIFE	* *	5	$8,200	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$34,300	
Pre-Cast Concrete	20%			LIFE	* *	5	$237,500	
Stucco Cement	2%			2046	* *	5	$9,100	
Windows								
Aluminum	92%			2049	* *	5	$26,900	
Metal Louvers	3%			2042	* *	10	$5,500	
Steel	5%	Now	$109,800	2058	* *	5	$9,100	
Air Infiltration, Extent : Light, Area Affected : 50%								
Location : Stairs								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Masonry: Brick Cavity	10%	Now	$32,600	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal Panel	5%			2053	* *	5	$6,300	
Metal Rail	35%			2046	* *	5-10	$205,200	
Pre-Cast Concrete	50%			LIFE	* *	5	$204,100	
Roof								
Built-Up (BUR)	20%			2038	* *	10	$45,800	
Copper/Terne	5%			2048	* *	10	$28,600	
Modified Bitumen	75%			2038	* *	10	$171,700	
Soffits								
Cast in Place Concrete	85%			LIFE	* *	5	$225,100	
Gypsum Board: Exterior Grade	15%	0-2	$5,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Entrance								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Front Entrance								
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$302,600	LIFE	* *	5	$77,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Sub-basement Boiler Pit								
Ceramic Tile	5%	Now	$100,300	2042	* *	5	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilet In 1966 Section								
Terrazzo	2%	0-2	$33,300	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Vinyl Tile	60%	Now	$176,900	2038	* *	3	$80,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%	Now	$942,000	2043	* *	3	$20,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Wood	8%	Now	$169,800	2061	* *	5	$26,700	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	20%	Now	$180,800	LIFE	* *	5	$15,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Sub Basement Boiler Pit								
Folding Partition	5%			2049	* *	5	$24,000	
Gypsum Board	5%			LIFE	* *	5-10	$16,400	
Masonry: Brick	5%			LIFE	* *	10	$2,900	
Plaster	40%			LIFE	* *	5-10	$65,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$24,000	

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$111,200	
AcousTileSusp.Lay-In	25%	4+	$29,600	2046	* *	5	$44,500	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Concrete	30%			LIFE	* *	5-10	$133,400	
Exposed Struc: Steel	10%			LIFE	* *	10	$71,200	
Gypsum Board	10%			LIFE	* *	5-10	$122,300	
Site Enclosure								
Fence/Gates								
Chain Link	20%	Now	$5,100	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Iron Picket	80%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$52,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	75%	0-2	$8,500	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	25%			2046	* *			
Activity Yard								
Asphalt	100%	0-2	$16,000	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 3,000 Amperes And 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$325,100	5	$500	
Fused Disc Sw	50%			2053	* *	5	$500	

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	70%			2033	$472,000	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	7%			2032	$44,700	5	$400	
Fused Disc Sw	3%			2041	* *	5	$200	
Molded Case Bkrs	20%			2041	* *	5	$1,300	
Molded Case Bkrs	70%			2032	$447,100	5	$4,400	
Wiring								
Braided Cloth	70%	2-4	$628,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$1,300	
Locally Mounted	20%			2031	$72,600	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$73,100	
Generators								
Diesel	100%			2036	* *	1	$92,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$53,000	
Fuel Storage								
Day Tank	50%			2041	* *	5		
Main Tank	50%			2048	* *	5		
Lighting								
Interior Lighting								
Fluorescent	2%			2033	$70,900	10	$4,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Compact Fluorescent Light								
Fluorescent	94%			2033	$3,331,000	10	$204,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Service	60%			2033	$87,900	1		
Exit, Service	40%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%			2033	$332,800	10	$200	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$88,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$146,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$73,600	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$235,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	5%	Now	$16,700	2053	* *	4	$600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : 2 Vacuum Pumps, Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 10%								
Location : 2 Vacuum Pumps, Basement								
Steam Piping/Pump	95%			2043	* *			
Terminal Devices								
Air Handler	40%			2038	* *	1	$58,800	
Convector/Radiator	60%			2038	* *	1	$46,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2038	* *	1	$33,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, New Wing Penthouse								
Window/Wall Unit	40%			2028	$360,200	1		
No Component	30%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2053	* *	4	$5,300	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2038	* *	1	$44,100	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2033	$229,100	2	$49,700	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$63,000	
Ductwork/Diffusers	70%			LIFE	* *	2-5	$146,900	
Exhaust Fans								
Interior	30%			2038	* *	2	$2,200	
Roof	70%			2038	* *	2	$5,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 120 Gallons Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	5%	0-2	$2,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$47,600	4	$7,500	
Sewage Ejector(s)								
Electric	100%	Now	$2,500	2033	$124,500	4	$9,500	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : 1 Out Of 2 Units In Basement								
Backflow Preventer								
Generic	100%			2038	* *	1	$14,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Gearless Traction	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To The Second Floor, New Wing								
Explanation : One Unit								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : First To The Fourth Floor, Old Wing								
Explanation : One Unit. Old Leaks.								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2053	* *	1-5	$36,000	
Sprinkler								
No Component	70%							
Generic	30%			2053	* *	1-2	$20,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Explanation : Partial Coverage								
Fire Pump								
No Component	70%							
Generic	30%			2042	* *	1	$13,300	
Chemical System								
Generic	100%			2031	$40,800	1-3	$37,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 61 - SI**		
Address	: **445 CASTLETON AVENUE @BRIGHTON AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R061**
Program / Asset #	: **BOE0943.000 / 1419**	**Yr Built/Renovated**	: **1971 / 2011**
Area Sq Ft	: **172,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **100** **Lot** : **100**	**BIN**	: **5002227**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$136,600	$136,600
Interior Architecture	$1,808,200	$5,552,500
Electrical		$4,334,000
Mechanical	$307,800	$1,037,300
Site Enclosure	$151,300	
Site Pavements	$110,100	$144,600
Total	**$2,514,100**	**$11,205,100**
Importance Code A	$399,200	$188,000
Importance Code B	$1,244,000	$11,017,000
Importance Code C	$870,900	
Total	**$2,514,100**	**$11,205,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,000	$11,000		
Interior Architecture	$65,700		$42,300	$24,600
Electrical	$20,600	$12,800	$16,600	$14,800
Mechanical	$87,700	$47,700	$46,500	$32,600
Site Enclosure	$26,400			
Site Pavements	$46,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$292,800**	**$75,600**	**$109,300**	**$76,000**
Importance Code A	$54,200	$29,100	$18,100	$18,100
Importance Code B	$176,500	$46,400	$85,500	$57,900
Importance Code C	$62,100		$5,700	
Total	**$292,800**	**$75,600**	**$109,300**	**$76,000**

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$84,100	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 80%								
Location : Street Facades								
Pre-Cast Concrete	50%			LIFE	* *	5	$273,300	
Windows								
Aluminum	100%			2055	* *	5	$22,100	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Carpet	5%			2032	$241,700	3	$20,500	
Cast in Place Concrete	5%	Now	$23,200	LIFE	* *	5	$29,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout, Basement, Meter Room								
Ceramic Tile	3%			2036	* *	5	$8,200	
Terrazzo	5%	0-2	$63,900	LIFE	* *	5	$10,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	72%	Now	$543,500	2033	$5,435,500	3	$73,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria And Corridors Throughout								
Wood	10%			2061	* *	5	$51,200	
Interior Walls								
Cast in Place Concrete	10%	Now	$57,800	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Electrical Room								
Ceramic Tile	3%			2036	* *	5	$11,400	
Concrete Masonry Unit	5%	Now	$35,700	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	42%	Now	$388,500	LIFE	* *	5	$47,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	40%	Now	$273,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%	Now	$172,100	2038	* *	5	$53,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Corridors, Cafeteria								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Cafeteria								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	20%			2038	* *	5	$66,900	
Metal Panel	2%			LIFE	* *	5	$13,400	
Bent/Warped Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	38%	Now	$309,100	LIFE	* *	5	$63,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	51%	4+	$151,300	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	49%	2-4	$26,400	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$46,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	90%	4+	$110,100	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	10%			2033	$144,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Power Service One 3,000 Ampere And Lighting Service One 2,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$325,100	5	$700	
Raceway								
Conduit	95%			2033	$320,300	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2032	$50,900	5	$600	
Molded Case Bkrs	75%			2032	$254,500	5	$3,400	
Molded Case Bkrs	10%			2049	* *	5	$500	
Wiring								
Thermoplastic	95%			2033	$426,800	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Lighting								
Interior Lighting								
Fluorescent	75%			2033	$2,041,300	10	$125,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2028	$81,700	10	$5,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Entrance								
HID	2%			2033	$43,200	10	$100	
LED	20%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$153,200	10	$22,000	
Exit, Service	50%			2033	$39,400	1		
Exterior Lighting								
HID	20%			2033	$160,500	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Exterior								
Explanation : Cameras Security System								
Generic	50%			2028	$161,400	1	$32,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$106,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$56,600	
Conversion Equipment								
Steam Boiler	33%	Now	$262,600	2038	* *	1	$53,700	
Broken, Extent : Severe, Area Affected : 33%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 3 Units. No. 3 Boiler Is Not Working. Needs Refractory								
Steam Boiler	67%			2038	* *	1	$121,100	
Distribution								
Steam Piping/Pump	100%			2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Feed Water Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Various. 40 Percent Of Steam Traps Are Not Working								
Terminal Devices								
Air Handler	20%			2033	$687,200	1	$22,600	
Convector/Radiator	80%			2038	* *	1	$47,200	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	2%			2038	* *			
Window/Wall Unit	25%	0-2	$17,300	2028	$172,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 10 Percent Of Unit Are Not Working								
No Component	73%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$161,200	
Exhaust Fans								
Interior	40%			2041	* *	2	$2,200	
Roof	60%			2041	* *	2	$3,400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement. Corroded Water Main								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 180 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Roof Drain								
Sump Pump(s)								
Non-Submersible	100%			2033	$36,600	4	$5,800	
Sewage Ejector(s)								
Electric	100%			2033	$95,600	4	$10,900	
Backflow Preventer								
No Component	90%							
Generic	10%			2033	$8,200	1	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Various. Three Bathroom Sinks Broken								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%	0-2	$31,600	2053	* *	1-2	$11,100	
Heads Blocked, Extent : Moderate, Area Affected : 5%								
Location : 1 Sprinkler Head Broken								

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	100%			2031	$81,600	1-3	$83,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 62 - BK**		
Address	: **700 CORTELYOU ROAD @E. 7 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K062**
Program / Asset #	: **BOE0389.000 / 2754**	**Yr Built/Renovated**	: **1957 / 1999**
Area Sq Ft	: **133,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5391** **Lot** : **1**	**BIN**	: **3126842**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$479,000	$145,200
Interior Architecture	$784,000	$3,070,100
Electrical		$3,138,400
Mechanical	$50,400	$1,887,900
Total	**$1,313,400**	**$8,241,600**
Importance Code A	$479,000	$170,900
Importance Code B	$651,500	$8,070,700
Importance Code C	$182,900	
Total	**$1,313,400**	**$8,241,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$94,700		$5,500	
Interior Architecture	$206,600		$9,100	$13,600
Electrical	$18,100	$13,200	$16,200	$12,500
Mechanical	$67,200	$33,800	$34,200	$24,700
Site Enclosure	$1,400			
Site Pavements	$27,100			
Total	**$415,100**	**$47,000**	**$65,100**	**$50,800**
Importance Code A	$107,800	$13,200	$18,700	$13,200
Importance Code B	$263,800	$33,800	$46,400	$37,600
Importance Code C	$43,500			
Total	**$415,100**	**$47,000**	**$65,100**	**$50,800**

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DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$290,400	
Masonry: Limestone	4%			LIFE	* *	5	$9,700	
Metal/Glass Curt Wall	6%	Now	$163,100	LIFE	* *	5	$18,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Stairs								
Windows								
Aluminum	98%	Now	$41,400	2049	* *	5	$21,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead								
Metal Louvers	2%			2036	* *	10	$5,500	
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$117,200	
Masonry: Limestone	15%			LIFE	* *	5-10	$41,800	
Metal Rail	10%	2-4	$7,700	2038	* *	5	$16,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	97%	2-4	$70,700	2038	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Copper/Terne	2%	Now	$3,300	2061	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								
Skylight, Metal/Glass	1%			2043	* *	10	$4,200	
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$79,400	
Ceramic Tile	5%	Now	$51,200	2036	* *	5	$4,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Sheet Vinyl/Rubber	2%			2038	* *	5	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Laboratory								
Explanation : Chemical Floor								
Terrazzo	5%	0-2	$42,400	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	60%	0-2	$300,800	2033	$3,007,800	3	$40,800	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9 X 9 Tiles								
Wood	18%	Now	$97,400	2048	* *	5	$30,600	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Entrances								
Interior Walls								
Ceramic Tile	5%	Now	$32,100	2036	* *	5	$5,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Folding Partition	1%			2049	* *	5	$5,800	
Glazed Ceramic Panel	3%			LIFE	* *	10	$6,300	
Plaster	65%	Now	$73,800	LIFE	* *	5	$45,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stairway Bulkhead								
SGFT/Glazed Masonry	26%	4+	$109,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2046	* *	5	$18,100	
AcousTileConcealSpLn	5%	4+	$2,900	2038	* *	5	$5,700	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Exposed Struc: Concrete	6%	0-2	$32,600	LIFE	* *	5	$1,700	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Exposed Struc: Concrete	24%			LIFE	* *	5-10	$54,400	
Plaster	55%	Now	$151,800	LIFE	* *	5	$62,400	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs Bulkead								
Site Enclosure								
Fence/Gates								
Aluminum Picket	48%			2053	* *			
Chain Link	50%			2053	* *			
Masonry: Brick	2%	Now	$1,400	2053	* *			
Impact Damage, Extent : Light, Area Affected : 2%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Pavers/Stone	10%	Now	$800	2042	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Entry Stairs								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	50%	Now	$26,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Central Courtyard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Central Courtyard								
Rubber Matting	10%			2038	* *			
Traffic Topping	40%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 800 Amperes								
Fused Disc Sw	25%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Emergency Lighting Main Disconnect Switch								
Fused Disc Sw	25%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$600	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$15,000	5	$200	
Molded Case Bkrs	50%			2041	* *	5	$1,800	
Molded Case Bkrs	45%			2055	* *	5	$1,600	
Wiring								
Thermoplastic	80%			2059	* *	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Pipe								

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DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2033	$1,863,700	10	$114,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2028	$39,700	10	$2,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Incandescent	2%			2028	$73,700	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room Basement								
Explanation : Incandescent Lamps								
LED	2%			2041	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Light								
Egress Lighting								
Emergency, Battery	50%			2033	$111,600	10	$16,100	
Exit, Battery	50%			2033	$94,200	10	$4,500	
Exterior Lighting								
HID	19%			2028	$117,900	10	$100	
HID	1%	0-2	$1,200	2028	$6,200			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : Two Light Fixtures Not In Service								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$1,300	
Alarm								
Security System								
Generic	50%			2028	$124,800	1	$24,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior And Exterior								
Explanation : Cameras Security System								
Generic	50%			2028	$124,800	1	$24,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$82,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$309,300	5	$41,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Room Renovation Has Not Completed Due To Steam Distribution System Issue.								
Conversion Equipment								
Steam Boiler	100%			2053	* *	1	$131,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Boiler Replacement Has Completed But Has Not Turn On Yet. 1 Temporary Boiler Is Being Used Out Side The Building.								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Various Locations In Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Steam Fill Out Entire Boiler Room And Some Area In Basement Due To Leaking Of The System According To The Fireman.								
Terminal Devices								
Air Handler	20%			2028	$500,600	1	$16,500	
Convector/Radiator	80%			2038	* *	1	$34,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$50,400	2033	$50,400	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	70%			2031	$352,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$117,400	
Exhaust Fans								
Interior	85%			2033	$501,400	2	$3,500	
Roof	5%			2028	$12,900	2	$200	
No Component	10%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Temporary Electric 75 Gallon Unit Being Used.								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$7,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$92,000	1-2	$1,900	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 68 - BK (J. H. S. 68 - BK)**
Address : **956 EAST 82 STREET @AVENUE J**
Borough : **BROOKLYN**
Agency's Number : **K068**
Program / Asset # : **BOE0392.000 / 2624**
Yr Built/Renovated : **1964 / 2003**
Area Sq Ft : **154,000**
Project Type : **EDUCATION**
Date of Survey : **20-Mar-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **8018** **Lot** : **1**
BIN : **3224947**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$525,800	$217,900
Interior Architecture	$1,167,800	$16,373,300
Electrical	$607,900	$953,600
Mechanical	$1,512,300	$6,324,300
Total	**$3,813,800**	**$23,869,000**
Importance Code A	$794,200	$1,585,800
Importance Code B	$2,376,700	$22,170,700
Importance Code C	$642,900	$112,500
Total	**$3,813,800**	**$23,869,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,500		$14,200	
Interior Architecture	$166,400		$3,500	$22,500
Electrical	$45,600	$4,500	$56,600	$3,900
Mechanical	$89,500	$22,200	$85,000	$32,900
Site Enclosure	$37,800			
Total	**$360,800**	**$26,700**	**$159,400**	**$59,200**
Importance Code A	$21,500	$15,300	$29,800	$15,300
Importance Code B	$280,700	$11,500	$129,500	$44,000
Importance Code C	$58,600			
Total	**$360,800**	**$26,700**	**$159,400**	**$59,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$212,400	LIFE	* *	5	$129,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria Areaway								
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Upper Floor								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Near Corners								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : North Side At Trees								
Masonry: Limestone	5%	0-2	$119,500	LIFE	* *	5	$5,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Window Sills And North Banding								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Window Sills								
Metal Panel	5%			2051	* *	5-10	$52,200	
Granite Panels	5%			LIFE	* *	5	$5,700	
Windows								
Aluminum	100%	Now	$21,500	2047	* *	5	$11,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria Windows								
Parapets								
Metal: Cage/Fence	100%			2044	* *	5-10	$213,300	
Roof								
Built-Up (BUR)	93%	Now	$69,500	2036	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof By Blocked Drain								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Roof Drain On Low Roof								
Copper/Terne	5%			2059	* *	10	$40,000	
Skylight, Metal/Glass	2%			2041	* *	10	$21,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : By Chimney								
Explanation : Copper And Glass Skylight								
Soffits								
Mosaic Tile	100%			2041	* *	10	$3,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Entry Canopy								
Explanation : Staining Discoloring								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,200	
Ceramic Tile	5%	Now	$32,500	2034	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Bathrooms								
Sheet Vinyl/Rubber	2%			2036	* *	5	$6,900	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Science Storage Room								
Explanation : Staining From Ceiling								
Terrazzo	3%	Now	$32,300	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Stair Landings And Lobby								
Traffic Topping	2%	0-2	$4,400	2036	* *	5	$2,900	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Stair Treads								
Vinyl Tile	38%			2036	* *	3	$43,800	
Vinyl Tile 9" X 9"	40%	Now	$325,200	2031	$16,260,800	3	$34,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms Floors 3, 4								
Wood	5%			2059	* *	5	$21,600	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Gymnasium And Stage								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	Now	$68,800	2040	* *	5	$12,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Concrete Masonry Unit	10%	Now	$391,600	LIFE	* *	5	$33,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Folding Partition	2%			2039	* *	5	$41,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	45%	Now	$182,500	LIFE	* *	5	$112,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Science Laboratory								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$15,500	2036	* *	5	$12,100	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Basement, Entryway, Corridors								
AcousTileConcealSpLn	25%	0-2	$64,700	2044	* *	5	$25,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Corridors, Cafeteria								
Exposed Struc: Concrete	15%	Now	$72,300	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Gymnasium Mechanical Room								
Fiber Board	5%	Now	$62,700	2041	* *			
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Plaster	40%	Now	$39,100	LIFE	* *	5	$40,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : From Roof Above, Room 304, Science Room								
Site Enclosure								
Fence/Gates								
Chain Link	95%	2-4	$37,800	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : East 81 Street At Avenue J								
Iron Picket	5%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2031	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$234,100	5	$500	
Fused Disc Sw	20%			2051	* *	5	$100	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$400	
Molded Case Bkrs	70%			2030	$209,600	5	$2,800	
Molded Case Bkrs	20%			2047	* *	5	$800	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2031	$79,900	1		
Motor Controllers								
Locally Mounted	40%			2029	$72,600	5	$400	
Motor Control Center	60%			2036	* *	5	$2,500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$127,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	8%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LEDs Observed								
LED	2%	Now	$4,300	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Light Fixtures Have Failing Circuit Boards								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$129,200	10	$18,600	
Exit, Service	50%			2026	$33,200	1		
Exterior Lighting								
HID	10%			2026	$71,900	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Timer								
HID	10%	Now	$35,900	2031	$71,900			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%	Now	$2,900	2036	* *	1	$10,400	
Cameras Damaged, Extent : Moderate, Area Affected : 100%								
Location : Cameras C16 And C24 Are Not Working								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2036	* *	1-3	$19,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$47,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 15,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$268,500	2029	$1,342,300	1	$137,300	
Broken, Extent : Severe, Area Affected : 30%								
Location : No. 1 Boiler Needs Retubing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%	0-2	$123,300	2031	$1,233,200			
Broken, Extent : Severe, Area Affected : 100%								
Location : One Of Vacuum Pump In Basement								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Steam Valves Of Steam Main Header In Basement Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$115,900	2026	$579,600	1	$17,100	
Broken, Extent : Severe, Area Affected : 10%								
Location : Unit Serving Auditorium								
Convector/Radiator	78%	Now	$49,100	2029	$982,200	1	$34,900	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Pneumatic Controlled Valves								
Fan Coil Unit/Heat	2%			2036	* *	1	$1,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Science Laboratory								
Explanation : Above Ceiling								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2026	$168,900	2	$900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units Supply Auditorium								
Split Unit	3%			2036	* *			
Window/Wall Unit	80%			2029	$466,700	1		
Recent Installation, Extent : N/A, Area Affected : 80%								
Location : Various								
No Component	7%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$42,900	
No Component	50%							
Exhaust Fans								
Interior	20%			2026	$136,600	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Rooms								
Roof	40%	Now	$12,000	2026	$119,500	2	$1,500	
Broken, Extent : Severe, Area Affected : 40%								
Location : Roof								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2051	* *	1		
Galvanized Steel	75%			2029	$1,474,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2031	$744,700	4	$15,200	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$27,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Roof - Cafeteria								
Sump Pump(s)								
Non-Submersible	100%			2026	$30,800	4	$3,300	
Sewage Ejector(s)								
Electric	100%			2031	$80,600	4	$6,100	
Backflow Preventer								
No Component	50%							
Generic	50%			2031	$34,400	1	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$4,300	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 71 - BK**		
Address	: **215 HEYWARD STREET @MARCY AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K071**
Program / Asset #	: **BOE0393.000 / 2752**	**Yr Built/Renovated**	: **1970 / 2021**
Area Sq Ft	: **169,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **2227** **Lot** : **1**	**BIN**	: **3061064**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,766,000
Interior Architecture	$11,982,800	$307,900
Electrical	$370,700	$1,230,300
Mechanical	$665,000	$2,929,200
Total	**$13,018,500**	**$6,233,400**
Importance Code A	$156,400	$3,381,000
Importance Code B	$12,862,100	$2,802,000
Importance Code C		$50,400
Total	**$13,018,500**	**$6,233,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,600	$18,900		$1,700
Interior Architecture	$31,200	$40,300	$16,100	$31,400
Electrical	$4,700	$6,300	$6,900	$58,100
Mechanical	$108,600	$27,000	$47,400	$91,100
Site Pavements	$26,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$184,700**	**$96,400**	**$74,400**	**$186,200**
Importance Code A	$9,600	$36,700	$17,800	$19,800
Importance Code B	$172,400	$59,700	$47,300	$166,400
Importance Code C	$2,800		$9,300	
Total	**$184,700**	**$96,400**	**$74,400**	**$186,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$62,000	
Masonry: Brick Cavity	80%			LIFE	* *	5	$66,100	
Mosaic Tile	5%	Now	$9,600	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Heyward Avenue Entrance								
Windows								
Aluminum	100%			2048	* *	5	$21,700	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$12,000	
Metal Panel	5%			2042	* *	5	$3,300	
Metal Rail	10%			2045	* *	5-10	$30,900	
Pre-Cast Concrete	15%			LIFE	* *	5	$16,100	
Roof								
Built-Up (BUR)	90%			2032	$1,508,700	10	$129,300	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout Main Roof								
Copper/Terne	5%			2060	* *	10	$18,000	
Panel/Paver: Cer/Brk	5%			2042	* *	10	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Story Inner Courtyard Roof								
Explanation : This Is Actually Precast Concrete Pavers								
Soffits								
Stucco Cement	100%			2045	* *	5	$300	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$22,800	LIFE	* *	5	$29,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electrical Room								
Ceramic Tile	5%			2041	* *	5	$13,400	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Various Bathrooms								
Terrazzo	10%	Now	$67,800	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Stair Treads In Exit Stairwell								
Vinyl Tile	45%			2037	* *	3	$45,300	
Vinyl Tile 9" X 9"	25%			2027	$11,847,400	3	$33,600	
Wood	10%			2060	* *	5	$50,300	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$18,700	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Various Bathrooms								
Concrete Masonry Unit	15%			LIFE	* *	5	$22,400	
Plaster	45%			LIFE	* *	5	$50,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%	4+	$67,700	2037	* *	5	$52,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
AcousTileConcealSpLn	10%			2037	* *	5	$32,800	
AcousTileSusp.Lay-In	5%			2037	* *	5	$13,100	
Exposed Struc: Concrete	5%			LIFE	* *	5	$2,100	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2032	$204,900			
Metal Panel	5%			LIFE	* *	5	$16,400	
Plaster	25%			LIFE	* *	5	$41,100	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2042	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Throughout Rear Activity Yard								
Iron Picket	60%			2052	* *			
Masonry: Brick	15%			2042	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$23,900	2037	* *			
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Heyward Street Side Of Building								
On-Site Walkways								
Cast in Place Concrete	45%			2037	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	50%	Now	$2,800	2035	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Interior Courtyard								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Throughout Interior Courtyard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Interior Courtyard At Tree Planter								
Activity Yard								
Asphalt	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3500 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$5,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$292,600	5	$700	
Panelboards								
Fused Disc Sw	10%			2031	$33,900	5	$400	
Molded Case Bkrs	90%			2031	$305,400	5	$4,000	
Wiring								
Thermoplastic	100%			2032	$399,600	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Crawlspace Below Boiler Room								
Explanation : Ground Observed								
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$148,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2037	* *	10	$8,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Battery	45%			2027	$135,500	10	$19,500	
Emergency, Battery	5%			2037	* *	10	$2,200	
Exit, Service	40%			2027	$30,900	1		
Exit, Service	10%			2037	* *	1		
Exterior Lighting								
HID	10%			2027	$78,900	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$18,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$31,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	27%	Now	$2,300	2052	* *	5	$7,500	

Leak Evident, Extent : Moderate, Area Affected : 2%
Location : Basement. Oil Leak At Strainer Near Fuel Oil Pumps.
Other Observation, Extent : N/A, Area Affected : 100%
Location : Basement
Explanation : 2 Oil Tanks 15,000 Gallons Each

Fuel Oil No 4	73%			2052	* *	5	$40,600	
Conversion Equipment								
Steam Boiler	100%	Now	$156,400	2030	$1,563,600	1	$159,900	

Broken, Extent : Moderate, Area Affected : 2%
Location : Basement. Boiler Access Doors Are Loose And Do Not Fully Close At Boiler 1. Broken Draft Dampers At Breeching Of Boiler 2.
Cracked, Extent : Light, Area Affected : 2%
Location : Basement. Cracked Exterior Insulated Shell At Boiler 2. Cracked Boiler Breeching At Boiler 2.
Leak Evident, Extent : Severe, Area Affected : 10%
Location : Basement. Leaking Boiler Safety Relief Valves. Fuel Oil Leaks At Boiler Burner And Piping Connection To All Boilers.
Malfunctioning, Extent : Moderate, Area Affected : 2%
Location : Basement. Defective Automatic Boiler Feedwater Valve At Boiler 1.
On Extended Life, Extent : Moderate, Area Affected : 100%
Location : Basement. 3 Units.
Other Observation, Extent : Severe, Area Affected : 5%
Location : Basement.
Explanation : Defective Damper Actuators At Fresh Air Louvers Serving Boilers.

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DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$100,900	2042	* *	4	$8,800	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Basement Crawlspace. Leaks And Corrosion At Antiquated Condensate Water Leaks At Steam Condensate And Vacuum Pump System.								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Leak At Boiler Feedwater Tank And One Steam Condensate And Vacuum Pump System.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room And Throughout								
Explanation : Steam Traps, Steam Condensate And Vacuum Pump System (1 Of 2), And Boiler Chemical Feed System Were Installed 2017.								
Terminal Devices								
Air Handler	20%	Now	$33,800	2032	$675,200	1	$20,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms. Defective Filter Roll System.								
Convector/Radiator	80%			2037	* *	1	$46,400	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	5%			2032	$213,000			
Window/Wall Unit	60%	Now	$40,800	2027	$407,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,000	
Exhaust Fans								
Interior	60%			2032	$477,400	2	$3,300	
Roof	40%			2037	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%	Now	$9,200	2037	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2027	$17,100	2		
Controller Not Working, Extent : Moderate, Area Affected : 25%								
Location : Basement. Defective Controls Causing Inconsistent Operation.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit.								

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DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	33%	Now	$5,700	2042	* *	4	$5,900	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement. Tank Is Leaking (1 Of 2).								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units.								
Steam Fired	67%			2042	* *	4	$11,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	38%	Now	$4,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 2%								
Location : Areaway Near Boiler Room. Clogged Areaway Storm Drain.								
Cast Iron	62%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$35,900	4	$5,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement Near Electrical Room.								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit.								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$5,000	
Chemical System								
Wet	10%			2027	$8,200	1-3	$9,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood System								
No Component	70%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 72 - SI**
Address : **33 FERNDALE AVENUE BTWN: SAXON AVE. - TRAVIS AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R072**
Program / Asset # : **BOE0945.000 / 1421**
Yr Built/Renovated : **1976 / 2014**
Area Sq Ft : **174,000**
Project Type : **EDUCATION**
Date of Survey : **08-Aug-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2364** **Lot** : **1** **BIN** : **5037524**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$250,000	$317,600
Interior Architecture	$88,100	$68,400
Electrical	$528,200	$1,977,100
Mechanical	$2,577,400	$6,503,200
Site Pavements	$1,142,800	
Total	**$4,586,600**	**$8,866,300**
Importance Code A	$250,000	$1,885,600
Importance Code B	$4,206,300	$6,980,700
Importance Code C	$130,200	
Total	**$4,586,600**	**$8,866,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,000		$22,700	
Interior Architecture	$121,400			$24,900
Electrical	$7,500	$7,100	$58,600	$5,800
Mechanical	$52,200	$33,400	$144,500	$42,000
Site Enclosure	$7,800			
Site Pavements	$4,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$230,200**	**$44,500**	**$229,700**	**$76,700**
Importance Code A	$50,200	$17,200	$40,300	$17,200
Importance Code B	$135,100	$27,300	$189,400	$59,500
Importance Code C	$44,800			
Total	**$230,200**	**$44,500**	**$229,700**	**$76,700**

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DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$122,200	
Pre-Cast Concrete	15%			LIFE	* *	5	$70,100	
Windows								
Aluminum	100%	0-2	$186,600	2039	* *	5	$19,600	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : Ferndale Avenue								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$2,700	
Metal Security Bars	15%			2059	* *			
Pre-Cast Concrete	75%	4+	$32,400	LIFE	* *	5	$125,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Parapet Walls								
Roof								
Built-Up (BUR)	70%			2036	* *	10	$63,400	
Modified Bitumen	25%			2036	* *	10	$22,700	
Roll Roofing	5%	4+	$600	2030	$29,400	5	$3,800	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Stair 4 Bulkhead								
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%	4+	$21,200	LIFE	* *	5	$27,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Rooms B05, B07, B08, B13 And Corridor								
Ceramic Tile	3%	Now	$21,000	2034	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Ceramic Tile	2%			2044	* *	5	$5,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Boys And Girls Toilet Room								
Quarry Tile	4%			2044	* *	5	$14,900	
Terrazzo	1%			LIFE	* *	5	$1,900	
Vinyl Tile	80%			2036	* *	3	$99,500	
Wood	5%			2059	* *	5	$23,300	

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DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	0-2	$6,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$12,100	2034	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,400	
Folding Partition	2%			2039	* *	5	$11,000	
Gypsum Board	4%			LIFE	* *	5	$5,300	
Masonry: Brick	1%	Now	$8,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Throughout								
Metal Panel	5%			LIFE	* *			
Plaster	36%			LIFE	* *	5	$23,800	
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Throughout								
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTile,Adhered	55%	Now	$88,100	2036	* *	5	$68,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
AcousTile,Adhered	10%			2048	* *	5	$24,900	
Exposed Struc: Concrete	25%			LIFE	* *	5	$9,700	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$15,500	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2051	* *			
Iron Picket	20%	4+	$7,800	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Perimeter Of School								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$90,300	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Dumpster Area On Ferndale Avenue								

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DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	50%	Now	$55,400	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Cast in Place Concrete	50%	4+	$4,400	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Ferndale Avenue								
Parking/Driveway								
Asphalt	100%	Now	$74,900	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Driveway And Parking Area								
Activity Yard								
Asphalt	100%	Now	$922,300	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Play Yard								
Sinking/Subsiding, Extent : Severe, Area Affected : 15%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$46,300	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Services With Different Ratings: One 5,000 Ampere And One 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2031	$5,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$325,100	5	$700	
Raceway								
Conduit	100%			2031	$337,100	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	90%			2030	$305,400	5	$4,100	
Wiring								
Thermoplastic	100%			2031	$449,200	1		
Motor Controllers								
Locally Mounted	40%			2029	$72,600	5	$500	
Motor Control Center	60%			2029	$436,200	5	$2,800	
Ground								

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DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$150,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$3,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 1st Floor Lobby								
HID	2%			2036	* *	10	$100	
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	45%			2026	$131,400	10	$18,900	
Emergency, Battery	5%			2041	* *	10	$2,100	
Exit, Service	45%			2026	$33,800	1		
Exit, Service	5%			2041	* *	1		
Exterior Lighting								
HID	30%			2026	$243,600	10	$200	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$19,500	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$33,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$404,600	5	$53,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 15,000 Gallons Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2029	$1,516,600	1	$172,300	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : The Shells								
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Boilers								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers. Scheduled To Be Replaced In January 2020								
Distribution								
Steam Piping/Pump	100%			2031	$1,393,400			
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Scheduled To Replace Steam Traps And Vacuum Pump In January 2020								
Terminal Devices								
Air Handler	25%			2026	$818,600	1	$26,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Room								
Explanation : Scheduled To Replace Air Handlers In January 2020								
Convector/Radiator	70%			2029	$996,000	1	$39,300	
Fan Coil Unit/Heat	5%			2026	$215,700	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	0-2	$462,100	2041	* *	1	$21,800	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Roof Penthouse								
Window/Wall Unit	20%			2026	$131,800	1		
No Component	50%							

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DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	30%	0-2	$2,100	2031	$42,200	4	$2,600	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Inside The Pipings								
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2026	$422,000	1	$26,900	
Fan Coil - 4 Pipe	5%			2026	$165,500	1	$2,800	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2036	* *	2	$36,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	Now	$7,600	LIFE	* *	2-5	$4,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : There Is No Air Vent For Gas Meter Room								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$92,200	
Exhaust Fans								
Interior	25%			2036	* *	2	$1,300	
Interior	25%			2026	$192,900	2	$1,300	
Roof	50%			2026	$168,800	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$1,110,700	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$841,400	4	$17,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$34,800	4	$3,700	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$10,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$87,700	
Sprinkler								
No Component	90%							
Generic	10%			2031	$240,600	1-2	$4,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 73 - Q**		
Address	: **70-02 54 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q073**
Program / Asset #	: **BOE0727.000 / 532**	**Yr Built/Renovated**	: **1927 / 2010**
Area Sq Ft	: **154,321**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2503** **Lot** : **31**	**BIN**	: **4058611**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$767,100
Interior Architecture	$5,977,800	$3,364,700
Electrical	$819,600	$788,900
Mechanical	$1,979,000	$3,519,900
Total	**$8,776,300**	**$8,440,600**
Importance Code A	$300,700	$1,910,500
Importance Code B	$7,887,300	$6,530,200
Importance Code C	$588,300	
Total	**$8,776,300**	**$8,440,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$88,600		$22,400	$27,200
Interior Architecture	$94,800	$6,500	$40,400	$19,400
Electrical	$2,600	$2,900	$21,600	$1,700
Mechanical	$91,400	$25,500	$82,300	$33,100
Site Enclosure	$24,500			
Site Pavements	$53,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$362,800**	**$42,800**	**$174,600**	**$89,400**
Importance Code A	$89,800	$14,100	$36,900	$41,400
Importance Code B	$197,800	$25,800	$137,700	$48,100
Importance Code C	$75,200	$2,900		
Total	**$362,800**	**$42,800**	**$174,600**	**$89,400**

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DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$125,300	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Top Of Building								
Masonry: Brick Cavity	25%			LIFE	* *	5	$48,200	
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$31,300	
Windows								
Aluminum	95%			2047	* *	5	$54,500	
Aluminum	2%	Now	$10,900	2056	* *	5	$600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Room S205, Classrooms 114 And 106								
Caulking Deteriorated, Extent : Severe, Area Affected : 5%								
Location : Room S205, Classrooms 114 And 106								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Room S205, Classrooms 114 And 106								
Metal Louvers	3%			2040	* *	10	$10,800	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$3,200	
Masonry: Brick	60%			LIFE	* *	5	$12,200	
Masonry: Brick Cavity	23%			LIFE	* *	5	$4,700	
Masonry: Limestone	3%			LIFE	* *	5	$800	
Metal Panel	5%			2051	* *	5	$3,900	
Metal Rail	2%			2044	* *	5-10	$7,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,400	
Roof								
Built-Up (BUR)	65%	Now	$32,100	2031	$641,800			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : And Classroom 414								
Built-Up (BUR)	15%			2036	* *	10	$12,700	
Copper/Terne	5%			2059	* *	10	$10,600	
Metal Panel	5%			2036	* *	10	$7,800	
Modified Bitumen	10%	Now	$9,200	2036	* *			
Ponding, Extent : Severe, Area Affected : 15%								
Location : 1992 Building								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Corridor								
Soffits								
Cement - Fiber Panel	10%	Now	$3,700	2041	* *			
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Exit 15 From 1962 Building								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Exit 15 From 1962 Building								
Exposed Struc: Steel	90%	2-4	$28,100	LIFE	* *	5	$13,400	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Connector Between 1962 And 1927 Buildings								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$20,400	LIFE	* *	5	$26,200	
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Basement In Blower Room								
Ceramic Tile	3%			2040	* *	5	$7,200	
Mosaic Tile	2%	Now	$269,400	2051	* *	5	$6,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen And Staff Bathrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Kitchen And Staff Bathrooms								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$9,300	
Vinyl Tile	15%			2036	* *	3	$17,900	
Vinyl Tile	50%	Now	$330,500	2031	$3,304,900	3	$44,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 1927 And 1962 Building								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 1927 And 1962 Building								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : 1927 And 1962 Building								
Uneven Substrate, Extent : Severe, Area Affected : 100%								
Location : Offices 200, 201, 202								
Vinyl Tile 9" X 9"	10%			2026	$4,222,900	3	$9,000	
Wood	10%			2046	* *	5	$44,900	

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DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	4%	Now	$116,200	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Basement, In Blower Room, Boiler Room, Below Auditorium, Below Windows								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement At Condemned Freight Elevator And At West Facade Walls								
Ceramic Tile	3%			2040	* *	5	$5,700	
Ceramic Tile	2%	Now	$126,100	2046	* *	5	$1,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Staff Bathrooms Throughout And Kitchen Base Tiles								
Concrete Masonry Unit	1%			LIFE	* *	5	$800	
Gypsum Board	20%	4+	$10,700	LIFE	* *	5	$22,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors And Bathrooms								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Stairwell								
Masonry: Brick	10%	Now	$72,800	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Marble Panels	5%	Now	$168,500	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Auditorium								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Auditorium, Main Entrance And Stairwell 8								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Vertical Cracks, Extent : Severe, Area Affected : 10%								
Location : Auditorium, Main Entrance And Stairwell 8								
Plaster	45%	Now	$104,600	LIFE	* *	5	$25,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Exit 13 Perimeter Opening								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Stairwells, Classrooms 114, 106, 110, 113 And 414; Staff Bathrooms And Corridors At First And Third Floors								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Stairwells And Staff Bathrooms								
SGFT/Glazed Masonry	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$7,700	2036	* *	5	$6,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Auditorium And Stairwell Of 1992 Building								
AcousTileConcealSpLn	10%			2036	* *	5	$29,900	
AcousTileConcealSpLn	20%	Now	$462,000	2051	* *	5	$29,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 1962 And 1992 Corridors And First Floor Corridor Of 1927 Building								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : 1962 And 1992 Corridors And First Floor Corridor Of 1927 Building								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : 1962 And 1992 Corridors And First Floor Corridor Of 1927 Building								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : 1962 And 1992 Corridors And First Floor Corridor Of 1927 Building								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : 1962 And 1992 Corridors								
AcousTileSusp.Lay-In	10%	Now	$19,900	2036	* *	5	$12,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lounge, Assistant Principals Office And Staff Offices								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Lounge, Assistant Principals Office And Staff Offices								
Exposed Struc: Concrete	13%			LIFE	* *	5	$4,900	
Metal Panel	2%	Now	$31,700	LIFE	* *	5	$6,000	
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Plaster	40%			LIFE	* *	5-10	$164,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Music Wing In Basement And Stairwells								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : First, Second, Third And Fourth Floor Corridors, Third Floor Classrooms, Music Wing In Basement And Stairwells								
Site Enclosure								
Fence/Gates								
Aluminum Rail	10%	4+	$1,700	2036	* *	5	$3,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : At Stair And Ramp Railings								
Chain Link	35%	Now	$13,500	2041	* *			
Impact Damage, Extent : Severe, Area Affected : 25%								
Location : From Trees At South Of Property								
Iron Picket	55%	4+	$9,200	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Asphalt	35%	Now	$3,800	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Exit 11, 12, 13, 14, 15 And 6								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Courtyard Between 1927 And 1962 Buildings								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Courtyard Between 1927 And 1962 Buildings								
Explanation : Vegetation Growth								
Cast in Place Concrete	35%			2036	* *			
Masonry: Granite	30%	Now	$23,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Exits Steps And Landing At 2, 6, 7 And Threshold At Main Entry								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Entry And Exit Steps And Threshold								
Parking/Driveway								
Asphalt	100%	Now	$13,100	2034	* *			
Potholes, Extent : Severe, Area Affected : 10%								
Location : Near Drains In Parking Area And Dumpsters								
Activity Yard								
Asphalt	90%	Now	$13,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Playground								
Pavers/Stone	5%			2034	* *			
Rubber Matting	5%			2031	$42,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,200 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$234,100	5	$500	
Molded Case Bkrs	20%			2041	* *	5	$800	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2041	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$400	
Fused Knife Sw	20%	0-2	$59,900	2056	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	50%			2030	$149,700	5	$2,000	
Molded Case Bkrs	20%			2039	* *	5	$800	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Section Of The Building								
Thermoplastic	30%			2041	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$145,200	5	$800	
Locally Mounted	20%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$134,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$129,500	10	$18,600	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	30%			2026	$216,000	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$17,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter, Roof								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	85%			2031	$305,000	5	$40,600	
Natural Gas	15%			2041	* *	1		
Conversion Equipment								
Furnace	15%			2026	$72,000	1	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing 2nd Floor Mechanical Room								
Explanation : 3 Units								
Steam Boiler	85%	0-2	$228,700	2029	$1,143,300	1	$116,900	
Not in Service, Extent : Moderate, Area Affected : 60%								
Location : Units 1 And 3 In Basement.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units. They Are Scheduled To Be Replaced Next Month.								
Distribution								
Steam Piping/Pump	10%	0-2	$24,700	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Steam Piping/Pump	75%			2041	* *			
No Component	15%							
Terminal Devices								
Air Handler	5%	0-2	$7,300	2026	$145,200	1	$4,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Of The Cafeteria Unit In Basement								
Air Handler	15%			2026	$435,600	1	$14,300	
Convector/Radiator	9%	0-2	$2,300	2029	$113,600	1	$4,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Room 28a, 216 And Science Hall.								
Convector/Radiator	36%			2029	$454,300	1	$17,900	
Fan Coil Unit/Heat	5%	0-2	$3,800	2026	$191,300	1	$2,200	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Motors, Various Locations								
Fan Coil Unit/Heat	15%			2026	$573,900	1	$7,500	
No Component	15%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2031	$341,500	1	$10,700	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : New Wing Roof								
Window/Wall Unit	10%			2024	$58,500	1		
No Component	75%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%	0-2	$900	2041	* *	4	$1,100	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Pump Room								
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2031	$112,300	1	$14,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing 2nd Floor Mechanical Room								
Explanation : 3 Units								
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2031	$16,800	2	$16,100	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$6,800	LIFE	* *	2-5	$4,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connection, Various Locations								
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : The Louvre Actuator For 1st And 2nd Floor Of New Wing.								
Ductwork/Diffusers	45%			LIFE	* *	2-5	$38,700	
No Component	50%							
Exhaust Fans								
Interior	20%	0-2	$6,800	2026	$136,900	2	$800	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Main Building Basement								
Interior	20%			2026	$136,900	2	$900	
Roof	10%	0-2	$1,500	2031	$29,900	2	$400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
No Component	50%							
Plumbing								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2041	* *	1		
Galvanized Steel	10%	0-2	$9,900	2029	$197,000	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve In Basement								
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$746,200	4	$15,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	20%	0-2	$2,200	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Staircase 6.								
Cast Iron	80%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$30,900	4	$3,300	
Backflow Preventer								
No Component	85%							
Generic	15%			2036	* *	1	$1,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Passenger Unit From 1st To 3rd Floor, 1 Condemn Freight Unit From Basement To 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$106,700	1-2	$2,200	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 74 - Q**		
Address	: **61-15 OCEANIA STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q074**
Program / Asset #	: **BOE0728.000 / 2697**	**Yr Built/Renovated**	: **1953 / 2009**
Area Sq Ft	: **121,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7723** **Lot** : **1**	**BIN**	: **4163953**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$80,000	$120,500
Interior Architecture	$375,700	$13,650,100
Electrical	$677,000	$934,600
Mechanical	$210,900	$3,952,900
Total	**$1,343,600**	**$18,658,000**
Importance Code A	$290,900	$1,175,100
Importance Code B	$778,100	$17,482,900
Importance Code C	$274,600	
Total	**$1,343,600**	**$18,658,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$76,200			
Interior Architecture	$181,600		$15,700	$21,700
Electrical	$84,400	$11,300	$13,800	$12,000
Mechanical	$142,200	$86,500	$76,000	$53,800
Site Enclosure	$5,800			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$502,100**	**$109,700**	**$117,300**	**$99,400**
Importance Code A	$117,300	$12,000	$12,000	$12,000
Importance Code B	$279,000	$97,700	$105,300	$82,900
Importance Code C	$105,800			$4,500
Total	**$502,100**	**$109,700**	**$117,300**	**$99,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$99,500	
Masonry: Granite	5%			LIFE	* *	5	$4,100	
Masonry: Limestone	5%			LIFE	* *	5	$4,100	
Windows								
Aluminum	100%			2049	* *	5	$28,900	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$93,700	
Masonry: Limestone	5%			LIFE	* *	5-10	$8,800	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$120,500	
Copper/Terne	5%			2061	* *	10	$15,900	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$73,500	
Ceramic Tile	3%			2042	* *	5	$5,000	
Terrazzo	2%			LIFE	* *	5	$5,200	
Traffic Topping	5%			2033	$400,700	5	$10,500	
Vinyl Tile	30%			2033	$1,392,000	3	$25,200	
Vinyl Tile 9" X 9"	40%			2028	$11,857,400	3	$33,600	
	Worn/Eroded, Extent : Light, Area Affected : 75%							
	Location : Throughout							
Wood	10%			2061	* *	5	$31,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$37,600	
Ceramic Tile	3%			2042	* *	5	$9,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$24,100	
Folding Partition	2%	Now	$191,800	2058	* *	5	$7,500	
	Unit Inoperable, Extent : Severe, Area Affected : 100%							
	Location : Gymnasium, Multipurpose Room							
Glass: Single Pane	2%			LIFE	* *	5	$9,000	
Glazed Ceramic Panel	3%			LIFE	* *	10	$8,100	
Plaster	50%			LIFE	* *	5-10	$128,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$37,600	
Ceilings								
AcousTileConcealSpLn	30%			2038	* *	5	$63,000	
Exposed Struc: Concrete	55%			LIFE	* *	5-10	$115,500	
Plaster	15%			LIFE	* *	5-10	$43,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	4+	$5,800	2053	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Tops Of Walls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Fence								
Explanation : Free Standing Piers								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	15%			2042	* *			
Cast in Place Concrete	80%			2046	* *			
Masonry: Granite	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%	2-4	$41,100	2063	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 800 Ampere Main Disconnect Switch								
Photovoltaic Panel(s)	20%			2046	* *	1		
Switchgear / Switchboard								
Fused Disc Sw	20%			2053	* *	5	$100	
Fused Knife Sw	80%	2-4	$208,100	2063	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	5%			2059	* *	1		
Conduit	5%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	8%			2032	$24,000	5	$200	
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	2%			2055	* *	5	$100	
Fused Knife Sw	10%	2-4	$29,900	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	35%	2-4	$104,800	2058	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Molded Case Bkrs	5%			2049	* *	5	$200	
Molded Case Bkrs	35%			2032	$104,800	5	$1,100	
Wiring								
Braided Cloth	80%	2-4	$273,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%	2-4	$90,700	2053	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Locally Mounted	30%			2031	$54,400	5	$200	
Locally Mounted	20%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$108,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	25%			2033	$50,800	10	$7,300	
Emergency, Battery	25%			2038	* *	10	$7,300	
Exit, Service	25%			2028	$13,000	1		
Exit, Service	25%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$169,400	10	$100	
No Component	70%							
Alarm								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$227,100	1	$45,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$74,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$37,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Gasoline Line Is Not Connected To Supply Line								
Conversion Equipment								
Steam Boiler	100%	Now	$210,900	2031	$1,054,700	1	$107,800	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Oil Leaks From 3 Burners								
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Two Boilers Not Working. Defective Compressor. Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$48,400	2043	* *			
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Condensate Piping, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2033	$455,400	1	$15,000	
Convector/Radiator	80%			2038	* *	1	$31,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	15%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : 8 Units. R-410a Refrigerant.								
Window/Wall Unit	70%	0-2	$16,000	2028	$320,900	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	15%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2038	* *	1	$5,900	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2038	* *	2	$12,600	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$106,800	
Exhaust Fans								
Interior	100%			2033	$536,600	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galvanized Steel	70%			2031	$1,081,300	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$900	2026	$17,100	2		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 1 Circulating Pump, Basement								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$12,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$24,200	4	$3,800	
Sewage Ejector(s)								
Electric	100%			2033	$63,400	4	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 3rd Floor								
Explanation : 1 Unit								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Two Units From Sub-basement To Ground Floor								
Explanation : 2 Inoperable Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,700	
Chemical System								
Generic	100%			2031	$440,600	1-3	$401,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set. Kitchen Fire Suppression System 108 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 75 - SI**		
Address	: **455 HUGUENOT AVENUE @ WOODROW RD.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R075**
Program / Asset #	: **BOE0946.000 / 1422**	**Yr Built/Renovated**	: **1985 / 2006**
Area Sq Ft	: **165,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **6050** **Lot** : **2**	**BIN**	: **5079651**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$832,200	$2,612,300
Interior Architecture	$1,621,000	$6,156,800
Electrical		$2,168,600
Mechanical	$3,440,000	$4,907,500
Site Enclosure	$1,909,100	
Site Pavements	$432,800	
Total	**$8,235,000**	**$15,845,100**
Importance Code A	$984,900	$4,185,100
Importance Code B	$5,820,100	$11,659,900
Importance Code C	$1,430,000	
Total	**$8,235,000**	**$15,845,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,100		$7,100	
Interior Architecture	$243,700		$9,100	$27,200
Electrical	$56,100	$26,900	$31,400	$29,000
Mechanical	$105,800	$82,200	$82,000	$67,900
Site Pavements	$38,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$505,600**	**$113,000**	**$133,500**	**$128,000**
Importance Code A	$58,100	$17,300	$24,400	$17,300
Importance Code B	$368,900	$95,700	$109,100	$110,700
Importance Code C	$78,600			
Total	**$505,600**	**$113,000**	**$133,500**	**$128,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	0-2	$373,100	LIFE	* *	5	$90,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : North And West Side								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 2%								
Location : Northwest Facade Low Roof								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 5%								
Location : North Side Lintels								
Windows								
Aluminum	95%	Now	$408,600	2049	* *	5	$10,700	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Gymnasium And Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal Louvers	5%			2036	* *	10	$7,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$38,000	
Masonry: Brick	90%	2-4	$30,500	LIFE	* *	5	$12,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Penthouse And Throughout								
Roof								
IRMA/Protected Membrane	95%	Now	$50,400	2033	$2,521,600			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Southern Low Roof								
Metal Panel	5%			2038	* *	10	$10,300	
Soffits								
Stucco Cement	100%			2038	* *	5	$300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$22,300	LIFE	* *	5	$28,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Boiler Room And Basement Throughout								
Ceramic Tile	5%			2036	* *	5	$13,100	
Terrazzo	3%			LIFE	* *	5	$12,300	
Vinyl Tile	83%	Now	$601,100	2033	$6,010,900	3	$81,600	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Main Office, Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	4%	0-2	$31,300	2048	* *	5	$9,800	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Stage								
Interior Walls								
Cast in Place Concrete	5%	Now	$27,700	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Water Main A, Boiler Room, Oil Tank Room								
Ceramic Tile	5%	Now	$200,600	2036	* *	5	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets Throughout								
Concrete Masonry Unit	9%	Now	$308,500	LIFE	* *	5	$13,100	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Penthouse And Throughout								
Gypsum Board	20%			LIFE	* *	5-10	$124,000	
Mosaic Tile	1%	Now	$46,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Explanation : Mosaic Tile Art Wall								
Operable Wall	1%	Now	$84,900	2043	* *	5	$6,400	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Explanation : Damaged Panels								
Plaster	34%			LIFE	* *	5-10	$105,400	
SGFT/Glazed Masonry	25%	0-2	$163,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	55%	Now	$113,500	2038	* *	5	$88,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Library								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	2%			2046	* *	5	$5,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : Acoustic Ceiling Tile Observed								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$32,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$25,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	18%	0-2	$40,400	LIFE	* *	5	$57,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	10%	Now	$15,600	LIFE	* *	5	$16,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Kitchen Locker Room								
Site Enclosure								
Fence/Gates								
Chain Link	75%	4+	$119,100	2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Iron Picket	25%	Now	$129,800	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Entrance								
Free Standing Walls								
Masonry: Brick	100%	Now	$93,200	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	$1,567,100	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$33,700	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$113,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Brick	10%	Now	$4,300	2043	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Above Water Main A								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$68,700	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Dumpsters								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : At Dumpsters								
Activity Yard								
Asphalt	100%	0-2	$251,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2033	$41,100	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Three 2,000 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2033	$5,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	10%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Amp-208v Solar Power Disconnect Switch								
Transformers								
Dry Type	100%			2031	$26,700	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 112.5 Kilovolt-ampere 480/277 Hv - 208/120 Lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$700	
Raceway								
Conduit	100%			2033	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$400	
Molded Case Bkrs	90%			2032	$305,400	5	$3,900	
Wiring								
Thermoplastic	100%			2033	$399,600	1		
Motor Controllers								
Locally Mounted	40%			2031	$72,600	5	$400	
Motor Control Center	40%			2031	$290,800	5	$1,800	
Variable Frequency Drive	20%			2050	* *			
Variable Speed Drives, Extent : Light, Area Affected : 100%								
Location : Chiller Room On Roof								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$50,800	
Generators								
Natural Gas	100%			2029	$138,700	1	$63,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 39 Kilowatt For Sewage Ejector Pump Only								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$6,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	78%			2038	* *	10	$125,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2028	$41,500	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : HID Lights								
LED	20%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Oil Tank Room And 1st Floor								
Egress Lighting								
Emergency, Battery	50%			2028	$147,000	10	$21,100	
Exit, Service	50%			2028	$37,800	1		
Exterior Lighting								
HID	8%			2028	$61,600	10		
LED	2%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$61,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Explanation : CCTV, Motion Sensors And Intrusion Alarms								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$101,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$54,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Conversion Equipment								
Steam Boiler	100%	0-2	$152,700	2031	$1,526,600	1	$156,100	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler No. 2 In The Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Control Valves And Dampers On All Boilers								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	30%	0-2	$49,400	2033	$988,800	1	$29,200	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Roof Mechanical Room Hv-3 And Womens Locker Room Unit On 1st Floor								
Convector/Radiator	70%			2038	* *	1	$39,600	
Controls								
Pneumatic	100%			2027	$3,188,900			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2038	* *	1	$24,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : 2 Units								
Split Unit	5%			2033	$208,000			
Window/Wall Unit	65%			2028	$431,300	1		
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2043	* *	4	$2,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2033	$1,019,600	1	$32,500	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2038	* *	2	$36,600	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$154,600	
Exhaust Fans								
Interior	20%			2033	$155,400	2	$1,100	
Roof	80%			2033	$271,900	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$17,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%	Now	$55,000	2038	* *	4	$7,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement And Shredder In Yard Is Broken								
Backflow Preventer								
Generic	100%			2041	* *	1	$10,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Water Mains								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$88,300	
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$12,300	
Chemical System								
Generic	100%			2031	$306,000	1-3	$279,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 15 Feet Long, 75 Square Feet								
System Not Used, No Nozzles Visible.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 77 - Q (WITH I. S. 93 -Q)**		
Address	: **976 SENECA AVENUE @CENTRE ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q849**
Program / Asset #	: **BOE0897.000 / 1463**	**Yr Built/Renovated**	: **1911 / 2011**
Area Sq Ft	: **141,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3563** **Lot** : **23**	**BIN**	: **4085922**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,382,600	$223,300
Interior Architecture	$138,200	$1,535,800
Electrical	$132,700	$651,300
Mechanical	$246,200	$1,445,500
Total	**$1,899,600**	**$3,856,000**
Importance Code A	$1,382,600	$223,300
Importance Code B	$517,000	$3,632,700
Total	**$1,899,600**	**$3,856,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,900		$33,700	$8,100
Interior Architecture	$73,200	$9,500	$29,900	$16,000
Electrical	$16,000	$14,600	$56,500	$15,500
Mechanical	$58,600	$53,200	$73,600	$48,100
Site Pavements	$8,100			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$178,600**	**$87,200**	**$203,600**	**$97,500**
Importance Code A	$27,000	$14,100	$48,100	$22,100
Importance Code B	$143,600	$68,900	$155,400	$75,400
Importance Code C	$8,100	$4,200		
Total	**$178,600**	**$87,200**	**$203,600**	**$97,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	4+	$183,900	LIFE	* *	5	$111,700	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Near Gas Meter Room								
Masonry: Brick Cavity	40%			LIFE	* *	5	$111,700	
Masonry: Limestone	10%	4+	$989,300	LIFE	* *	5	$20,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Metal Panel	2%			2051	* *	5-10	$38,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$45,400	
Window Wall	3%			2051	* *	5	$31,400	
Windows								
Aluminum	95%			2047	* *	5	$16,100	
Metal Louvers	5%			2040	* *	10	$5,300	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$33,300	
Metal Panel	10%			2051	* *	5	$15,100	
Metal Rail	3%			2044	* *	5-10	$21,200	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,900	
Roof								
Built-Up (BUR)	75%			2036	* *	10	$130,000	
Metal Panel	25%			2044	* *	10	$79,400	
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,300	
Cast in Place Concrete	5%			LIFE	* *	5	$23,300	
Ceramic Tile	5%			2040	* *	5	$10,600	
Terrazzo	5%	4+	$19,900	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 2nd And 4th Floor								
Vinyl Tile	35%			2036	* *	3	$37,200	
Vinyl Tile	25%	Now	$73,500	2031	$1,469,300	3	$19,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Corridor, Classrooms In 1911 Wing								
Wood	15%			2046	* *	5	$59,800	
Wood	5%			2059	* *	5	$19,900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Auditorium Floor								
Explanation : Good Condition								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$8,300	
Concrete Masonry Unit	15%			LIFE	* *	5	$10,000	
Gypsum Board	10%			LIFE	* *	5	$10,000	
Masonry: Brick	5%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 3%								
Location : Stairwells								
Explanation : Wire Mesh Panels								
Marble Panels	2%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$20,000	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	32%			2044	* *	5	$68,100	
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,300	
Exposed Struc: Steel	3%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$13,300	
Plaster	50%	4+	$64,700	LIFE	* *	5	$66,500	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : 1st And 3rd Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2041	* *			
Iron Picket	70%			2051	* *			
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fence Piers								
Explanation : Brick Pier								
Retaining Walls								
Cast in Place Concrete	75%			2066	* *			
Masonry: Brick	25%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	20%			2040	* *			
Cast in Place Concrete	15%	Now	$8,100	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Centre Street Behind Iron Gates								
Cast in Place Concrete	30%			2044	* *			
Masonry: Granite	10%			LIFE	* *			
Pavers/Stone	25%			2040	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			
Activity Yard								
Asphalt	100%			2040	* *			

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DEPARTMENT OF EDUCATION - 040
I. S. 77 - Q (WITH I. S. 93 -Q)
Asset # : 1463

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	95%			2051	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere, Two 1,600 Ampere And One 2,000 Ampere Main Disconnect Switches								
Fused Disc Sw	5%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	50%			2051	* *	5	$300	
Fused Disc Sw	50%			2031	$146,300	5	$300	
Raceway								
Conduit	40%			2051	* *	1		
Conduit	60%			2031	$173,300	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$200	
Fused Disc Sw	5%			2030	$15,000	5	$200	
Molded Case Bkrs	40%			2030	$119,700	5	$1,500	
Molded Case Bkrs	50%			2047	* *	5	$1,900	
Wiring								
Thermoplastic	40%			2031	$159,800	1		
Thermoplastic	60%			2051	* *	1		
Motor Controllers								
Locally Mounted	25%			2044	* *	5	$200	
Motor Control Center	70%			2044	* *	5	$2,700	
Variable Frequency Drive	5%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$43,400	
Generators								
Diesel	100%			2040	* *	1	$54,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 455 Kilowatts								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$31,400	

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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 60 Gallons								
Main Tank	50%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	56%			2036	* *	10	$73,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wings								
Explanation : T-8 Lamps								
Fluorescent	40%			2039	* *	10	$52,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wings								
Explanation : T-8 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	25%			2026	$59,600	10	$8,600	
Emergency, Battery	25%			2039	* *	10	$8,600	
Exit, Service	25%			2026	$15,300	1		
Exit, Service	25%			2039	* *	1		
Exterior Lighting								
HID	10%			2036	* *	10		
LED	10%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$15,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$26,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells And Horns, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$140,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units, No.2 Fuel								
Distribution								
Steam Piping/Pump	100%	Now	$56,900	2041	* *			
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Defective Thermostats In New Wings, And Control Valves In Old Wing								
Terminal Devices								
Air Handler	40%			2036	* *	1	$35,200	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Mechanical Room, New Wings								
Explanation : 5 Units In 3rd Floor Mechanical Room New Wings								
Convector/Radiator	55%	Now	$12,800	2036	* *	1	$22,700	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : First Floor. Heating Not Evenly Distributed.								
Explanation : Heating Problem								
Fan Coil Unit/Heat	5%			2031	$176,200	1	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	30%			2032	$694,800	2	$2,600	
Other Observation, Extent : Light, Area Affected : 30%								
Location : 3rd Floor Mechanical Room								
Explanation : 5 Air Handling Units								
Reciprocating Compr/Chiller	35%			2036	* *	1	$23,100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 2 Chillers, 3rd Floor Mechanical Room								
Split Unit	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : Condenser Unit At Roof								
Window/Wall Unit	20%	0-2	$5,400	2026	$107,700	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Old Building								
Explanation : Half Of Window/Wall Air Conditioning Units In Old Building Not Working								
No Component	10%							

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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2051	* *	4	$2,100	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2036	* *	1	$26,400	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2031	$148,100	2	$39,600	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$47,600	
No Component	40%							
Exhaust Fans								
Interior	30%			2036	* *	2	$1,300	
Roof	40%			2036	* *	2	$1,700	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$362,900	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100% Location : Boiler Room Explanation : 400 Gallons								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$21,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,500	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$8,400	
Backflow Preventer								
Generic	100%			2031	$63,500	1	$8,700	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, G, 1st Through 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2051	* *	1-5	$22,300	
Sprinkler								
No Component	40%							
Generic	60%			2041	* *	1-2	$23,900	
Fire Pump								
Generic	100%			2034	* *	1	$26,500	
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 78 - BK**
Address : **1420 EAST 68 STREET BTWN: AVENUE N, VETERANS AVE.**
Borough : **BROOKLYN** **Agency's Number** : **K078**
Program / Asset # : **BOE0397.000 / 1391** **Yr Built/Renovated** : **1964 / 2002**
Area Sq Ft : **156,000** **Project Type** : **EDUCATION**
Date of Survey : **16-Jul-2019** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8388** **Lot** : **2** **BIN** : **3236496**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$188,700	$3,287,200
Interior Architecture	$13,547,800	$1,608,500
Electrical	$496,900	$1,193,800
Mechanical	$52,000	$4,441,000
Total	**$14,285,300**	**$10,530,500**
Importance Code A	$188,700	$4,782,000
Importance Code B	$13,913,200	$5,696,800
Importance Code C	$183,500	$51,700
Total	**$14,285,300**	**$10,530,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,100	$9,900		
Interior Architecture	$47,300	$72,700	$14,900	
Electrical	$3,600	$4,600	$3,700	$4,100
Mechanical	$163,100	$50,700	$43,300	$25,100
Site Pavements	$48,600			
Total	**$280,700**	**$138,000**	**$61,800**	**$29,200**
Importance Code A	$34,500	$26,700	$16,400	$16,400
Importance Code B	$192,500	$111,300	$45,400	$12,800
Importance Code C	$53,800			
Total	**$280,700**	**$138,000**	**$61,800**	**$29,200**

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DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$35,700	
Masonry: Brick Cavity	85%			LIFE	* *	5	$64,800	
Panel: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	95%	Now	$18,100	2046	* *	5	$9,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Various Windows								
Glass Block	5%			LIFE	* *	5	$600	
Parapets								
Metal: Cage/Fence	100%	0-2	$188,700	2035	* *	5	$51,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Upper Roof								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Upper Roof								
Roof								
Copper/Terne	3%			2045	* *	10	$9,900	
IRMA/Protected Membrane	97%			2030	$3,042,900	10	$128,600	
Soffits								
Mosaic Tile	100%			2050	* *	10	$400	
Interior								
Floors								
Carpet	2%			2029	$87,700	3	$7,400	
Cast in Place Concrete	10%	Now	$42,200	LIFE	* *	5	$54,200	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Boiler Pit In Basement								
Ceramic Tile	3%			2033	$419,200	5	$7,400	
Sheet Vinyl/Rubber	5%			2030	$810,800	5	$18,600	
Terrazzo	5%			LIFE	* *	5	$9,700	
Vinyl Tile	40%			2035	* *	3	$37,200	
Vinyl Tile 9" X 9"	30%			2025	$13,123,300	3	$27,900	
Wood	5%			2045	* *	5	$23,200	
Interior Walls								
Cast in Place Concrete	7%	Now	$183,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Boiler Pit Area In Basement								
Ceramic Tile	3%			2039	* *	5	$10,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$13,800	
Folding Partition	3%			2038	* *	5	$25,900	
Marble Panels	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$51,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%			2035	* *	5	$84,900	
Fiber Board	5%			2030	$189,200			
Metal Panel	5%	2-4	$241,000	LIFE	* *	5	$15,200	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Kitchen And Cafeteria								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Kitchen And Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Cafeteria								
Plaster	55%			LIFE	* *	5	$83,400	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2040	* *			
Iron Picket	40%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$48,600	2035	* *			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Driveway At Back Of School								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 1,200 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$700	
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$400	
Fused Disc Sw	10%			2029	$29,900	5	$400	
Molded Case Bkrs	80%			2029	$239,500	5	$3,300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$279,700	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2040	* *	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	88%			2035	* *	10	$133,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$3,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
LED	10%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Were Upgraded In 2019.								
Egress Lighting								
Emergency, Battery	50%			2030	$139,000	10	$20,000	
Exit, Service	50%			2030	$35,700	1		
Exterior Lighting								
HID	100%			2035	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$80,500	2040	* *	1-3	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System; Alarm Bells And Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$385,100	5	$51,300	
Conversion Equipment								
Steam Boiler	100%			2028	$1,443,400	1	$164,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	25%			2030	$779,100	1	$25,600	
Convector/Radiator	75%			2035	* *	1	$40,100	
Malfunctioning, Extent : Light, Area Affected : 30%								
Location : Regulators On All Floors								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2030	$244,300	1	$7,700	
Window/Wall Unit	80%			2028	$501,900	1		
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2030	$289,200	1	$10,200	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2030	$43,100	2	$11,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,300	
Exhaust Fans								
Interior	60%			2030	$440,700	2	$3,000	
Roof	40%	Now	$38,600	2030	$128,500	2	$1,600	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Obsolete Equipment, Extent : Severe, Area Affected : 40%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$42,500	2040	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2030	$17,100	2		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Hot Water Tank								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Control Board								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 400 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%	Now	$41,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Explanation : Water Backup								
Storm Drain Piping								
Cast Iron	100%	Now	$11,700	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : From Roof To Basement Boiler Room And Its Entrance								
Sump Pump(s)								
Non-Submersible	100%			2030	$33,200	4	$3,500	
Sewage Ejector(s)								
Electric	100%	Now	$52,000	2040	* *	4	$6,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$229,000	1-2	$4,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 88 - BK (J. H. S. 88 - BK)**		
Address	: **544 7TH AVENUE @ 19TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K088**
Program / Asset #	: **BOE0402.000 / 1395**	**Yr Built/Renovated**	: **1967 / 2012**
Area Sq Ft	: **142,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **880** **Lot** : **1**	**BIN**	: **3331276**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$363,700	$270,900
Interior Architecture	$2,203,500	$17,680,200
Electrical	$339,600	$1,612,900
Mechanical		$3,578,100
Total	**$2,906,800**	**$23,142,100**
Importance Code A	$363,700	$322,200
Importance Code B	$2,293,900	$22,819,800
Importance Code C	$249,200	
Total	**$2,906,800**	**$23,142,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$100,700			
Interior Architecture	$187,100		$21,900	$25,100
Electrical	$33,600	$13,300	$13,500	$17,500
Mechanical	$117,500	$25,500	$36,700	$32,000
Site Pavements	$14,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$457,300**	**$42,700**	**$76,100**	**$78,500**
Importance Code A	$114,800	$14,100	$14,100	$14,100
Importance Code B	$275,100	$28,700	$62,100	$56,900
Importance Code C	$67,300			$7,600
Total	**$457,300**	**$42,700**	**$76,100**	**$78,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%	Now	$269,000	LIFE	* *	5	$154,400	
Water Penetration, Extent : Moderate, Area Affected : 5% *Location : Elevator Shaft*								
Masonry: Limestone	10%			LIFE	* *	5	$27,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$59,000	
Windows								
Aluminum	95%			2049	* *	5	$55,000	
Aluminum	3%	Now	$8,300	2049	* *	5	$900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2% *Location : Courtyard*								
Metal Louvers	2%			2042	* *	10	$7,200	
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$110,800	
Metal Panel	15%			2053	* *	5	$13,400	
Pre-Cast Concrete	15%			LIFE	* *	5	$43,700	
Roof								
Built-Up (BUR)	98%			2038	* *	10	$116,400	
Modified Bitumen	2%			2038	* *	10	$2,400	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$87,700	
Ceramic Tile	5%			2042	* *	5	$10,000	
Quarry Tile	5%			2046	* *	5	$15,000	
Terrazzo	5%			LIFE	* *	5	$15,700	
Vinyl Tile	20%			2038	* *	3	$15,000	
Vinyl Tile 9" X 9"	50%	2-4	$1,768,000	2033	$17,680,200	3	$37,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10% *Location : Throughout* *Worn/Eroded, Extent : Moderate, Area Affected : 20%* *Location : Throughout*								
Wood	5%			2061	* *	5	$18,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$15,200	
Concrete Masonry Unit	10%	Now	$57,100	LIFE	* *	5	$12,100	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Corridor								
Folding Partition	1%	Now	$21,000	2049	* *	5	$3,800	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Masonry: Brick	5%			LIFE	* *	10	$4,600	
Mosaic Tile	2%			LIFE	* *	10	$3,800	
Plaster	52%	2-4	$192,100	LIFE	* *	5	$47,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$38,000	
Ceilings								
AcousTile,Adhered	25%	Now	$79,000	2038	* *	5	$24,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$122,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$19,600	
Metal Panel	5%	4+	$16,300	LIFE	* *	5	$12,300	
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Plaster	15%			LIFE	* *	5-10	$50,600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$14,400	2046	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 19th Street								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Disconnect Switches Rated At 3,000 Amperes And 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3 Vertical Sections								
Raceway								
Conduit	95%			2033	$274,400	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$200	
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	10%			2041	* *	5	$400	
Molded Case Bkrs	75%			2032	$224,500	5	$2,800	
Wiring								
Braided Cloth	85%	2-4	$339,600	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2043	* *	1		
Motor Controllers								
Not Accessible	100%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	2%			2041	* *	10	$2,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	73%			2041	* *	10	$95,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	25%			2041	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Auditorium, Gymnasium And District 75								
Explanation : LED								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	5%			2038	* *	10	$1,700	
Emergency, Battery	45%			2028	$107,300	10	$15,400	
Exit, Service	10%			2038	* *	1		
Exit, Service	40%			2028	$24,500	1		
Exterior Lighting								
HID	30%			2028	$198,800	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$53,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$366,300	1-3	$90,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Alarm Bells, Smoke Detectors, Manual Pull Stations And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$140,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	$1,137,100			
Terminal Devices								
Air Handler	20%			2033	$534,400	1	$17,600	
Convector/Radiator	80%			2031	$928,900	1	$36,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$37,700	2031	$376,600	1		
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	30%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$125,400	
Exhaust Fans								
Interior	50%			2028	$314,900	2	$2,200	
Roof	30%			2041	* *	2	$1,300	
Roof	20%			2028	$55,100	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit With One 200 Gallon Tank.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$4,400	4	$4,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$98,200	1-2	$2,000	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 88 - M / WADLEIGH H.S.**		
Address	: **215 WEST 114TH ST. BTWN: 7 AVE., 8 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M088**
Program / Asset #	: **BOE0052.000 / 4146**	**Yr Built/Renovated**	: **1901 / 2011**
Area Sq Ft	: **174,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1830** **Lot** : **19**	**BIN**	: **1055204**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$322,200	$567,500
Interior Architecture	$152,900	$210,200
Electrical	$1,028,000	$200,500
Mechanical	$392,900	$12,507,800
Total	**$1,896,100**	**$13,485,900**
Importance Code A	$322,200	$787,200
Importance Code B	$1,573,900	$12,551,000
Importance Code C		$147,800
Total	**$1,896,100**	**$13,485,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,300	$13,600		
Interior Architecture	$37,800	$39,900	$13,300	$16,600
Electrical	$29,500	$26,700	$27,000	$23,800
Mechanical	$72,700	$117,100	$71,500	$48,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$153,100**	**$207,200**	**$121,700**	**$98,700**
Importance Code A	$16,200	$26,900	$12,900	$12,900
Importance Code B	$105,700	$180,300	$108,800	$85,800
Importance Code C	$31,200			
Total	**$153,100**	**$207,200**	**$121,700**	**$98,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - M / WADLEIGH H.S.

Asset # : 4146

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$36,300	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$56,800	
Masonry: Brick	75%			LIFE	* *	5	$109,000	
Masonry: Limestone	10%			LIFE	* *	5	$10,900	
Metal Panel	5%			2050	* *	5-10	$50,000	
Windows								
Aluminum	95%	4+	$322,200	2046	* *	5	$33,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								
Glass Block	5%			LIFE	* *	5	$2,200	
Parapets								
Cast Stone/Terra Cotta	50%			LIFE	* *	5	$39,500	
Masonry: Brick	35%			LIFE	* *	5	$3,600	
Metal Rail	10%			2043	* *	5-10	$18,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,200	
Roof								
Built-Up (BUR)	13%			2030	$179,700	10	$15,400	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Cast in Place Concrete	5%	2-4	$3,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entrance Ramps At South Side Of Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Facade								
Explanation : Entrance Ramp Areas								
Copper/Terne	75%			2058	* *	10	$222,000	
Metal Panel	7%			2043	* *	10	$15,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North West Addition								
Explanation : Roof Atop Mechanical Bulkhead								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - M / WADLEIGH H.S.

Asset # : 4146

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2029	$470,900	3	$39,900	
Ceramic Tile	5%			2039	* *	5	$13,300	
Quarry Tile	5%			2043	* *	5	$20,000	
Terrazzo	5%			LIFE	* *	5	$10,400	
Vinyl Tile	50%	Now	$73,500	2035	* *	3	$49,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Wood	25%	Now	$79,400	2045	* *	5	$62,400	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$31,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$25,300	
Gypsum Board	20%			LIFE	* *	5	$75,800	
Marble Panels	2%			LIFE	* *			
Plaster	36%			LIFE	* *	5	$68,200	
Plaster	2%	Now	$15,400	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Stair, Gas Meter Room								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Stair								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2043	* *	5	$39,900	
AcousTileSusp.Lay-In	30%			2035	* *	5	$79,700	
Exposed Struc: Steel	5%			LIFE	* *			
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor								
Explanation : Multi-purpose Room								
Gypsum Board	15%			LIFE	* *	5	$49,800	
Plaster	30%			LIFE	* *	5	$49,800	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 88 - M / WADLEIGH H.S.

Asset # : 4146

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Cast in Place Concrete	85%			2035	* *			
Pavers/Stone	15%			2033				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere And 3,000 Ampere Main Disconnect Switch. They Are In Good Condition.								
Fused Disc Sw	30%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : There Is One 1,200 Ampere For Fire Pump And One 800 Ampere Switch For Emergency. They Are In Good Condition.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$700	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$400	
Molded Case Bkrs	90%			2038	* *	5	$4,100	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	40%			2035	* *	5	$500	
Motor Control Center	60%			2035	* *	5	$2,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$53,500	
Generators								
Diesel	100%			2033	$138,700	1	$67,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : There Is A 246 Kilowatt Genset. It Is In Good Condition.								

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DEPARTMENT OF EDUCATION - 040

I. S. 88 - M / WADLEIGH H.S.

Asset # : 4146

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$6,400	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Generator Room								
Explanation : The Capacity Of The Tank Is 270 Gallons.								
Lighting								
Interior Lighting								
Fluorescent	75%			2035	* *	10	$119,700	
Other Observation, Extent : Light, Area Affected : 94%								
Location : Throughout The Building								
Explanation : Fixtures Are T-8 Lamps Type.								
HID	3%			2030	$61,800	10	$200	
Incandescent	2%			2025	$96,400	2	$100	
LED	20%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st, 2nd, 3rd, 5th Floor								
Explanation : LED Lights Were Installed About Two And A Half Years Ago.								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2030	$37,500	1		
Exterior Lighting								
HID	100%			2025	$811,900	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$19,500	
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$107,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	50%			2040	* *	5	$27,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 12,500 Gallon Tanks								
Natural Gas	50%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 88 - M / WADLEIGH H.S.

Asset # : 4146

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Plate & Frame	50%			2033	$219,700	1	$43,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Serves Hot Water Coils In Air Handlers								
Steam Boiler	50%			2035	* *	1	$86,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three No.2 Oil Burning Steam Boilers And Has Natural Gas Connected But Not Utilized								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$19,000	2038	* *	4	$8,600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room, 1 Of 5 Defective Dual Temperature Pump								
Terminal Devices								
Air Handler	20%	0-2	$392,900	2040	* *	1	$19,400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Offices, Defective Control Systems, Defective Building Management System								
Air Handler	80%			2030	$2,619,500	1	$86,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Offices								
Explanation : Dual Temperature Fan Coils								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2030	$2,310,300	1	$72,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse - 5 Chillers								
Ext Pkg Unit - Heating/Cooling	10%			2030	$292,300	2	$1,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Hot Water Coil For Heating Season								
Terminal Devices								
Air Handler/Cool/Ht	10%			2030	$337,600	1	$10,800	
Fan Coil - 4 Pipe	90%			2030	$5,956,600	1	$50,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,000	
Exhaust Fans								
Interior	100%			2030	$771,700	2	$5,300	

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DEPARTMENT OF EDUCATION - 040

I. S. 88 - M / WADLEIGH H.S.

Asset # : 4146

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : The Gas Fired Hot Water Heaters Have Been Temporarily Replaced By Two Electric Hot Water Heaters - 80 Gallons Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2030	$34,800	4	$3,700	
Backflow Preventer								
Generic	100%	0-2	$3,900	2035	* *	1	$9,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Leaking At Blowdown Valve								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : Two Units								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : 1 Sidewalk Freight Elevator								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$87,700	
Sprinkler								
Generic	100%			2050	* *	1-2	$48,700	
Fire Pump								
Generic	100%			2039	* *	1	$32,500	

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DEPARTMENT OF EDUCATION - 040

I. S. 88 - M / WADLEIGH H.S.

Asset # : 4146

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2025	$8,200	1-3	$7,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 2nd Floor And Basement								
Explanation : Wet System In Catering Kitchen And Cafeteria Kitchen								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 90 - M**		
Address	: **21 JUMEL PLACE @ W.168 ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M090**
Program / Asset #	: **BOE0963.000 / 4469**	**Yr Built/Renovated**	: **1994 /**
Area Sq Ft	: **161,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **2112** **Lot** : **58**	**BIN**	: **1076741**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$51,400	$201,000
Interior Architecture	$50,400	$366,400
Electrical	$148,900	
Mechanical	$670,300	$680,600
Site Pavements		$1,148,200
Total	**$920,900**	**$2,396,300**
Importance Code A	$200,400	$201,000
Importance Code B	$720,600	$2,107,000
Importance Code C		$88,200
Total	**$920,900**	**$2,396,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,000	$13,300		
Interior Architecture	$37,300	$18,700	$24,000	
Electrical	$19,600	$15,000	$16,900	$14,200
Mechanical	$13,500	$54,900	$127,400	$30,800
Site Enclosure	$1,100			
Site Pavements	$7,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$130,200**	**$109,700**	**$176,100**	**$52,800**
Importance Code A	$43,000	$30,500	$16,900	$16,900
Importance Code B	$84,200	$60,500	$159,200	$35,900
Importance Code C	$3,000	$18,700		
Total	**$130,200**	**$109,700**	**$176,100**	**$52,800**

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DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	* *	5	$76,900	
Metal Panel	8%			2050	* *	5-10	$48,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$14,400	
Windows								
Aluminum	98%	Now	$51,400	2046	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Retro Installed Window Glides Are Failing								
Metal Louvers	2%			2039	* *	10	$2,800	
Parapets								
Cast in Place Concrete	40%	Now	$9,400	LIFE	* *	5	$53,900	
Expansion Joint Failure, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick Cavity	40%			LIFE	* *	5	$5,200	
Pre-Cast Concrete	20%			LIFE	* *	5	$16,400	
Roof								
IRMA/Protected Membrane	65%	Now	$33,700	2035	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 5%								
Location : By Bulkhead Entrances								
Metal Panel	35%			2043	* *	10	$70,200	
Soffits								
Stucco Cement	100%			2043	* *	5	$300	
Interior								
Floors								
Carpet	5%			2029	$226,200	3	$19,200	
Cast in Place Concrete	10%			LIFE	* *	5	$56,000	
Ceramic Tile	5%			2039	* *	5	$12,800	
Panel/Paver: Bluestone	5%	Now	$30,900	LIFE	* *	5	$9,600	
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Stairwell To Roof								
Explanation : Cracked Stair Tread								
Quarry Tile	5%			2043	* *	5	$19,200	
Terrazzo	5%			LIFE	* *	5	$10,000	
Vinyl Tile	55%			2035	* *	3	$52,800	
Wood	10%			2058	* *	5	$48,000	
Interior Walls								
Concrete Masonry Unit	62%			LIFE	* *	5	$88,200	
Gypsum Board	10%			LIFE	* *	5	$21,400	
Operable Wall	3%			2050	* *	5	$37,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$50,400	2043	* *	5	$39,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	45%			2043	* *	5	$112,600	
Exposed Struc: Concrete	5%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$31,300	
Wood	5%			LIFE	* *	5	$109,500	
Site Enclosure								
Fence/Gates								
Iron Picket	95%			2065	* *			
Masonry: Brick	5%	4+	$1,100	2050	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Entry Gate To Southwest Courtyard								
Free Standing Walls								
Cast in Place Concrete	75%			2065	* *			
Masonry: Brick	25%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	85%			2035	* *			
Pavers/Stone	15%	4+	$1,900	2039	* *			
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Southeast Play Area								
Parking/Driveway								
Asphalt	80%			2033				
Cast in Place Concrete	20%			2035	* *			
Activity Yard								
Asphalt	85%			2033	$797,700			
Cast in Place Concrete	5%			2035	* *			
Pavers/Stone	5%	Now	$5,900	2033	$295,100			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Southeast Play Area								
Rubber Matting	5%			2030	$55,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Services Rated At 2,000 Amperes, Two 1,600 Amperes And 2,500 Amperes								
Transformers								
Dry Type	100%			2043	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 480 Volts 150 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$700	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$400	
Molded Case Bkrs	90%			2046	* *	5	$3,800	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$49,500	
Generators								
Diesel	100%			2039	* *	1	$62,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 350 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$6,000	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallons								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 7,500 Gallons								

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DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$148,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : LED Observed								
Egress Lighting								
Exit, Service	100%			2035	* *	1		
Exterior Lighting								
HID	20%			2035	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Roof Lighting Operated Via Photocell And Perimeter Is Operated By Timer								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$12,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$19,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$149,000	2043	* *	1	$152,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units. Unable To Alternate Oil And Gas Use Due To Possible Controls Issue.								
Distribution								
Steam Piping/Pump	100%	Now	$68,400	2040	* *			
Damaged, Extent : Severe, Area Affected : 50%								
Location : Boiler Room Vacuum Pump Set								
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump In Basement								
Terminal Devices								
Convector/Radiator	50%			2035	* *	1	$27,600	
No Component	50%							

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DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2025	$129,500	1		
No Component	80%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$222,400	
Terminal Devices								
Air Handler/Dir Expansion	30%			2030	$196,600	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5 Specialty Rooms								
Explanation : Cooling Only.								
Air Handler/Cool/Ht	70%	Now	$139,300	2030	$464,300	1	$66,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : No Cooling And The Blowers And Heating Coils Operate During Winter.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors								
Explanation : Variable Air Volume Terminal Units								
Heat Rejection								
Air Cooled Condenser Unit	80%	Now	$47,500	2040	* *	2	$76,200	
Not in Service, Extent : Severe, Area Affected : 70%								
Location : Refrigerant R-22. Roof								
Air Cooled Condenser Unit	20%	2-4	$4,000	2030	$19,800	2	$19,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Serve Interior Cooling Only Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,300	
Exhaust Fans								
Interior	20%			2035	* *	2	$1,000	
Roof	80%	Now	$132,600	2035	* *	2	$3,300	
Not in Service, Extent : Severe, Area Affected : 80%								
Location : Due To Fire Alarm Malfunction On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Electric	50%			2028	$11,800	4		
Gas Fired	50%			2028	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2024	$5,300	4	$5,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$86,200	
Sprinkler								
No Component	95%							
Generic	5%			2050	* *	1-2	$2,400	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 93 - Q**
Address : **66-56 FOREST AVENUE @MADISON ST.**
Borough : **QUEENS**
Agency's Number : **Q093**
Program / Asset # : **BOE0744.000 / 1613**
Yr Built/Renovated : **1917 / 1998**
Area Sq Ft : **128,000**
Project Type : **EDUCATION**
Date of Survey : **02-Jan-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **3490** **Lot** : **1** **BIN** : **4083511**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$869,000	$1,583,600
Interior Architecture	$1,481,200	
Electrical	$459,000	$853,200
Mechanical	$97,000	$3,111,500
Total	**$2,906,300**	**$5,548,200**
Importance Code A	$869,000	$1,734,500
Importance Code B	$1,846,300	$3,813,700
Importance Code C	$191,000	
Total	**$2,906,300**	**$5,548,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,600		$27,500	
Interior Architecture	$199,000	$1,600		$14,000
Electrical	$1,900	$2,900	$18,800	$1,600
Mechanical	$65,200	$19,000	$27,200	$25,300
Site Enclosure	$19,600			
Site Pavements	$72,000			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$368,100**	**$28,400**	**$78,500**	**$45,800**
Importance Code A	$16,700	$11,100	$38,900	$11,100
Importance Code B	$244,700	$17,300	$39,600	$34,700
Importance Code C	$106,700			
Total	**$368,100**	**$28,400**	**$78,500**	**$45,800**

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DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$151,800	LIFE	* *	5	$74,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Sills								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Ground Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1960s Building								
Explanation : Sills And Base								
Cast Stone/Terra Cotta	4%			LIFE	* *	5	$59,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1917 Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1917 Building								
Explanation : Window Trim								
Masonry: Brick	15%	Now	$235,600	LIFE	* *	5	$28,600	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 30%								
Location : Ground Level								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : 1960s Building								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$114,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1917 Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1917 Building								
Explanation : Main Building								
Masonry: Brick Cavity	8%			LIFE	* *	5	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1998 Buidling								
Explanation : Adddition								
Masonry: Granite	2%			LIFE	* *	5	$2,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1917 Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1917 Building								
Explanation : Base								
Masonry: Limestone	4%	Now	$60,100	LIFE	* *	5	$5,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1917 Building								
Staining/Discoloring, Extent : Severe, Area Affected : 10%								

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DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Limestone	4%	Now	$60,100	LIFE	* *	5	$5,700	
Location : Front Facade Cornice At Entrance Doors								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1917 Building								
Explanation : Trims And Bands								
Masonry: Limestone	2%			LIFE	* *	5	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1998 Buidling								
Explanation : Base And Decorative Vertical And Horizontal Bands								
Windows								
Aluminum	10%	Now	$265,100	2056	* *	5	$2,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Gymnasium, 1960 Addition								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Gymnasium								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1960s Building								
Explanation : Windows								
Aluminum	20%			2039	* *	5	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1998 Building								
Explanation : Windows								
Wood	70%	Now	$156,400	2047	* *	5	$194,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1917 Building								
Explanation : Windows								

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DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1917 Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1917 Building								
Explanation : Coping								
Masonry: Brick	40%			LIFE	* *	5	$8,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1917 Building								
Explanation : Parapets								
Masonry: Brick	30%			LIFE	* *	5	$6,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1960s Building								
Metal Panel	5%			2051	* *	5	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1998 Building								
Explanation : Coping								
Pre-Cast Concrete	5%			LIFE	* *	5	$6,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1960s Building Coping								
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 1998 Building								
Explanation : No Parapet								
Roof								
Built-Up (BUR)	41%			2031	$407,100	10	$34,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1917 Building								
Copper/Terne	4%			2046	* *	10	$8,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1917 Building								
IRMA/Protected Membrane	35%			2031	$704,600	10	$29,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1960s Building								
Single Ply Membrane	20%			2036	* *	10	$17,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1998 Building								
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$27,100	LIFE	* *	5	$34,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Mechanical Areas								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	2%			2040	* *	5	$3,200	
Mosaic Tile	5%	Now	$299,300	2044	* *	5	$10,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen And Foyer In 1917 And 1960s Buildings								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Kitchen, Bathrooms And Foyers In 1917 And 1960s Buildings								
Marble Panels	3%			LIFE	* *	5	$3,600	
Terrazzo	5%	Now	$37,300	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : First Floor Lobby And Second Floor Lobby								
Vinyl Tile	10%			2036	* *	3	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1998 Building								
Explanation : Vinyl Tile								
Vinyl Tile	35%	Now	$154,200	2036	* *	3	$20,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Corridors And Classrooms In 1917 And 1960s Building								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Corridors And Classrooms In 1917 And 1960s Building								
Vinyl Tile 9" X 9"	25%	Now	$351,900	2041	* *	3	$15,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Corridors And Stairwell Landing In 1917 Building								
Cracking/Crumbling, Extent : Severe, Area Affected : 45%								
Location : 1917 Building Corridors And Classooms								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 1917 Buildings								
Wood	5%	Now	$142,700	2059	* *	5	$7,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Auditorium Stage								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Stage								

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DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$23,500	2034	* *	5	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Kitchen And Bathrooms In 1917 And 1960s Buildings								
Concrete Masonry Unit	10%	Now	$16,100	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Boys And Girls Gymnasiums And Basement								
Vertical Cracks, Extent : Severe, Area Affected : 10%								
Location : Boys And Girls Gymnasiums And Basement								
Folding Partition	3%			2039	* *	5	$6,400	
Gypsum Board	10%	Now	$6,000	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 1998 Building Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 1998 Building Classrooms								
Masonry: Brick	5%	Now	$16,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Areas In Basement								
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Basement								
Marble Panels	2%			LIFE	* *			
Plaster	55%	Now	$114,200	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stairs, 5th Floor, Penthouse In 1917 And 1960 Buildings Classrooms And Corridors								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Stairs, 5th Floor, Penthouse, Classrooms 501, 503, 509, 511 In 1917 And 1960 Buildings Classrooms And Corridors								
SGFT/Glazed Masonry	10%	Now	$76,700	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 1917 Building Stairwells								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 1917 Building Stairwells								
Loose Units, Extent : Severe, Area Affected : 20%								
Location : 1917 Building Stairwells								

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DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$191,300	2051	* *	5	$9,900	
Adhesion Failure, Extent : Severe, Area Affected : 30%								
Location : 1960 Building								
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 1960 Building Corridors, Cafeteria, Auditorium, Music And Art Rooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : 1960 Building								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1960 Building Throughout								
AcousTileSusp.Lay-In	10%	Now	$33,000	2044	* *	5	$5,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : 1998 Building Corridor Ceiling								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 1998 Building Classroom And Corridor Ceilings								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : 1998 Building Classroom And Corridor Ceilings								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Room 155								
Exposed Struc: Concrete	10%	Now	$29,700	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Penthouse								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Penthouse								
Exposed Struc: Steel	2%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$6,200	
Metal Panel	3%	2-4	$4,900	LIFE	* *	5	$3,700	
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Plaster	50%	Now	$150,700	LIFE	* *	5	$31,000	
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Stairwells, Corridors, Classrooms And Bathrooms In 1917 Building								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Bulkheads, Rooms 404, 501, 504, Third, Fourth And Fifth Floor Classrooms, Corridors And Bathrooms								
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	20%	2-4	$1,600	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Madison Street								
Iron Picket	80%	2-4	$17,100	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	25%	0-2	$900	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : At Chain Link Fence Connection Along Madison Street								
Exposed Reinforcement, Extent : Moderate, Area Affected : 1%								
Location : At Chain Link Fence Connection Along Madison Street								
Under Construction	75%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$48,900	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Fairview Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Forest Avenue								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Forest Avenue, Woodbine Street And Madison Street								
Explanation : Sidewalk Shed								
On-Site Walkways								
Cast in Place Concrete	45%			2036	* *			
Masonry: Granite	5%	Now	$20,200	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Exit 7 Steps								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exit 7 Steps								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Exit 7 Steps								
Misaligned/Bulging, Extent : Light, Area Affected : 50%								
Location : Exit 7 Steps								
Under Construction	50%							
Parking/Driveway								
Cast in Place Concrete	50%	0-2	$2,800	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : At Gate On Forest Avenue								
Under Construction	50%							
Activity Yard								
Under Construction	100%							

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,200 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	10%			2051	* *	5	$100	
Molded Case Bkrs	90%			2031	$234,100	5	$3,000	
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Molded Case Bkrs	80%			2030	$239,500	5	$2,700	
Molded Case Bkrs	10%			2047	* *	5	$300	
Wiring								
Braided Cloth	65%	2-4	$222,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2041	* *	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	40%			2044	* *	5	$300	
Locally Mounted	60%			2029	$108,900	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	4%			2036	* *	10	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Gymnasium								
Explanation : Compact Fluorescent Lights								
Fluorescent	96%			2036	* *	10	$112,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$15,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$119,500	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$14,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	75%	0-2	$4,400	2041	* *	5	$14,900	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : No.2 Oil Pump, Boiler Room								
Natural Gas	25%			2051	* *	1		
Conversion Equipment								
Furnace	25%			2031	$99,500	1	$15,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of New Addition								
Explanation : 10 Rooftop Package Units.								
Steam Boiler	75%			2036	* *	1	$95,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units.								
Distribution								
Steam Piping/Pump	75%	0-2	$15,400	2031	$768,800			
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	25%							
Terminal Devices								
Convector/Radiator	75%			2029	$785,000	1	$31,000	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2031	$537,600	2	$2,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	20%	0-2	$9,700	2026	$97,000	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$53,500	
Ductwork/Diffusers	25%			LIFE	* *	2-5	$17,800	
Exhaust Fans								
Interior	40%			2031	$227,100	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 House Exhaust Fan Was Removed From Penthouse								
Roof	30%			2031	$74,500	2	$1,200	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$618,900	4	$12,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Addition, 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2051	* *	1-2	$10,800	
Fire Pump								
Generic	100%			2034	* *	1	$23,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 96 - BK**		
Address	: **99 AVENUE P BTWN: WEST 11 ST, WEST 12 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K096**
Program / Asset #	: **BOE0409.000 / 1**	**Yr Built/Renovated**	: **1929 / 2010**
Area Sq Ft	: **136,540**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **6595** **Lot** : **33**	**BIN**	: **3174076**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$837,600	$1,330,300
Interior Architecture	$749,700	$654,400
Electrical	$805,900	$1,596,900
Mechanical	$339,600	$4,810,100
Site Pavements		$346,000
Total	**$2,732,900**	**$8,737,600**
Importance Code A	$837,600	$1,381,700
Importance Code B	$1,680,600	$6,876,300
Importance Code C	$214,800	$479,600
Total	**$2,732,900**	**$8,737,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$8,700		
Interior Architecture	$24,500		$568,100	
Electrical	$23,500	$46,700	$5,100	$4,100
Mechanical	$98,800	$86,900	$30,800	$19,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$150,700**	**$146,300**	**$608,000**	**$27,300**
Importance Code A	$13,500	$22,500	$13,500	$13,500
Importance Code B	$137,100	$123,800	$594,500	$13,800
Importance Code C				
Total	**$150,700**	**$146,300**	**$608,000**	**$27,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$157,700	LIFE	* *	5	$77,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Copper/Terne	1%			2050	* *	10	$4,600	
Masonry: Brick	89%	Now	$290,600	LIFE	* *	5	$176,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$7,400	
Windows								
Aluminum	100%	Now	$389,300	2038	* *	5	$20,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$14,000	
Copper/Terne	10%			2065	* *	5	$8,800	
Masonry: Brick	70%			LIFE	* *	5	$12,700	
Metal Rail	10%			2043	* *	5-10	$32,800	
Roof								
Built-Up (BUR)	98%			2030	$991,400	10	$84,900	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	2%			2045	* *	10	$4,300	
Interior								
Floors								
Carpet	15%			2026	$547,500	3	$46,400	
Cast in Place Concrete	10%			LIFE	* *	5	$45,100	
Ceramic Tile	5%			2039	* *	5	$10,300	
Marble Panels	5%			LIFE	* *	5	$7,700	
Quarry Tile	5%			2043	* *	5	$15,500	
Terrazzo	5%	4+	$19,300	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vinyl Tile	20%			2035	* *	3	$15,500	
Wood	35%	4+	$430,800	2045	* *	5	$67,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Various Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$66,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : G And H Stairs And Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : G And H Stairs And Boiler Room								
Ceramic Tile	5%			2033	$479,600	5	$8,700	
Gypsum Board	5%			LIFE	* *	5	$5,200	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%	Now	$148,500	LIFE	* *	5	$36,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : G And H Stairs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : G And H Stairs								
Ceilings								
AcousTileSusp.Lay-In	5%			2043	* *	5	$10,300	
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,200	
Metal Panel	2%			LIFE	* *	5	$5,200	
Plaster	83%	Now	$104,200	LIFE	* *	5	$107,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2040	* *			
Iron Picket	60%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	98%			2033	$346,000			
Pavers/Stone	2%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2,500 Ampere Service Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$600	
Raceway								
Conduit	100%			2030	$288,800	1		
Panelboards								
Fused Disc Sw	20%			2029	$59,900	5	$600	
Molded Case Bkrs	80%			2029	$239,500	5	$2,900	
Wiring								
Braided Cloth	30%	2-4	$119,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2030	$279,700	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe.								
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$100,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : T-8 Lamps Lighting Fixtures.								
Fluorescent	10%			2025	$203,500	10	$12,500	
Fluorescent	10%			2030	$203,500	10	$12,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Egress Lighting								
Emergency, Service	50%			2025	$42,100	1		
Exit, Service	50%	2-4	$17,700	2040	* *	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete Lighting Fixtures Type.								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%	0-2	$318,600	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Lighting System Requires Frequent Maintenance.								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$51,300	1	$10,200	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2038	* *	1-3	$33,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2050	* *	1		
Interruptible Gas/Dual Fuel	90%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No.2 Oil, One Tank With Capacity Of 1,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$135,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$21,900	2040	* *			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Chemical Feed Pumps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	25%	Now	$12,800	2030	$642,400	1	$19,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement Unit Serving Auditorium								
Convector/Radiator	40%			2035	* *	1	$17,600	
Convector/Radiator	10%	Now	$11,200	2043	* *	1	$4,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Bathroom Electric Heaters In New Addition								
Fan Coil Unit/Heat	25%			2030	$846,300	1	$11,000	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	30%			2030	$972,700			
Window/Wall Unit	30%			2024	$155,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,100	
Exhaust Fans								
Interior	100%			2030	$605,600	2	$4,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$34,900	2028	$1,743,100	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Both Water Mains At Valves								
Water Heater With Tanks								
Electric	10%			2028	$28,400	4		
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Kitchen Closet								
Explanation : Serves Laboratory Classrooms								
Gas Fired	90%			2025	$184,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Tank 600 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$27,300	4	$4,300	
Sewage Ejector(s)								
Compressed Air	50%			2040	* *	4	$1,000	
Electric	50%			2025	$35,700	4	$4,100	
Backflow Preventer								
No Component	90%							
Generic	10%			2030	$6,100	1	$800	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Boiler Room								
Explanation : Serves Boilers								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2050	* *	1-2	$1,900	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 98 - BX (J. H. S. 98 - BX)**		
Address	: **1619 BOSTON ROAD @ E.173 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X098**
Program / Asset #	: **BOE0239.000 / 2603**	**Yr Built/Renovated**	: **1931 / 2013**
Area Sq Ft	: **143,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2022**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6**		
Block	: **2939** **Lot** : **93**	**BIN**	: **2009867**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$559,400	$858,100
Interior Architecture	$4,468,500	$108,200
Electrical	$87,500	$1,454,200
Mechanical	$199,800	$3,414,600
Total	**$5,315,200**	**$5,835,100**
Importance Code A	$559,400	$914,400
Importance Code B	$4,340,300	$4,920,700
Importance Code C	$415,400	
Total	**$5,315,200**	**$5,835,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,400		$10,700	
Interior Architecture	$211,500		$18,300	$10,500
Electrical	$24,700	$13,400	$16,000	$15,200
Mechanical	$96,100	$20,800	$31,000	$19,300
Total	**$398,700**	**$34,200**	**$76,000**	**$45,000**
Importance Code A	$80,500	$14,200	$24,900	$14,200
Importance Code B	$248,500	$20,000	$51,100	$22,800
Importance Code C	$69,700			$8,000
Total	**$398,700**	**$34,200**	**$76,000**	**$45,000**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$265,500	
Sidewalk Shed in Use, Extent : Light, Area Affected : 50%								
Location : Street Facades								
Masonry: Limestone	13%			LIFE	* *	5	$32,400	
Masonry: Limestone	7%			LIFE	* *	5	$17,400	
Windows								
Wood	100%			2049	* *	5	$671,000	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$27,700	
Masonry: Brick	80%			LIFE	* *	5-10	$106,800	
Masonry: Limestone	10%			LIFE	* *	5-10	$23,800	
Metal Rail	5%			2046	* *	5-10	$17,600	
Roof								
Copper/Terne	25%			2048	* *	10	$63,000	
IRMA/Protected Membrane	10%			2033	$261,300	10	$10,100	
Modified Bitumen	65%			2038	* *	10	$65,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$53,300	
Mosaic Tile	3%			2038	* *	5	$18,300	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Kitchen In Basement								
Marble Panels	2%			LIFE	* *	5	$7,300	
Sheet Vinyl/Rubber	2%			2038	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$19,000	
Vinyl Tile	60%			2038	* *	3	$54,800	
Vinyl Tile 9" X 9"	8%	Now	$3,764,800	2043	* *	3	$7,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Stairwells								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	15%	Now	$47,700	2048	* *	5	$34,200	
Dry Rot/Decay, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$16,100	
Gypsum Board	5%			LIFE	* *	5-10	$27,300	
Masonry: Brick	10%	Now	$335,000	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Marble Panels	3%			LIFE	* *	10	$3,900	
Plaster	47%	4+	$80,500	LIFE	* *	5	$45,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement By Stair, Tower Section								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$40,200	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$8,000	
Ceilings								
AcousTileSusp.Lay-In	10%			2038	* *	5	$24,700	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$30,900	
Gypsum Board	5%	4+	$11,800	LIFE	* *	5	$15,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Dance Studio On 5th Floor								
Metal Panel	5%			LIFE	* *	5	$30,900	
Plaster	70%	Now	$288,200	LIFE	* *	5	$108,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Tower Section								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	10%			2068	* *			
Masonry: Fieldstone	90%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	5%			2036	* *			
Activity Yard								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$28,100	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 2,000 Amperes								
Fused Disc Sw	50%			2033	$28,100	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Service Switch Rated At 200 Amperes For Emergency Service								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$256,400	5	$500	
Fused Disc Sw	20%			2053	* *	5	$100	
Raceway								
Conduit	90%			2033	$284,700	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$16,400	5	$200	
Fused Knife Sw	20%			2032	$65,600	5	$700	
Molded Case Bkrs	75%			2032	$245,900	5	$2,800	
Wiring								
Braided Cloth	20%	2-4	$87,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2043	* *	1		
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%	Now	$11,400	LIFE	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Painted								
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$111,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	10%			2033	$433,900	2	$300	
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	25%			2038	* *	1		
Emergency, Battery	25%			2038	* *	10	$8,600	
Exit, LED	20%			2061	* *	1		
Exit, Battery	30%			2038	* *	10	$2,900	

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DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
No Component	90%							
Not Accessible	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Inaccessible Due To Sidewalk Bridge								
Alarm								
Security System								
Generic	100%			2038	* *	1	$53,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$88,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$141,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%	Now	$125,400	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Leaking Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Traps And Thermostats								
Terminal Devices								
Convector/Radiator	80%			2031	$1,024,500	1	$37,000	
Fan Coil Unit/Heat	20%			2028	$776,600	1	$9,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	4%	Now	$74,400	2033	$148,800			
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Window/Wall Unit	50%	0-2	$29,700	2028	$296,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Locations. 15 Percent Malfunctioning								
No Component	40%							
Under Construction	6%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : 2nd Floor								
Explanation : New Medical Office								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$126,200	
Exhaust Fans								
Interior	95%			2028	$659,900	2	$4,200	
Roof	5%			2033	$15,200	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$399,900	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$18,700	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$31,400	4	$4,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2033	$14,000	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : For Boiler								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$108,300	1-2	$2,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. / J. H. S. 362 - BX**		
Address	: **921 EAST 228TH STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X362**
Program / Asset #	: **BOE1172.000 / 14918**	**Yr Built/Renovated**	:
Area Sq Ft	: **234,247**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,Ph**		
Block	: **4864** **Lot** : **35**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$747,200	$468,000
Interior Architecture	$855,900	$1,784,400
Electrical		$3,386,600
Mechanical	$1,887,100	$5,397,600
Total	**$3,490,200**	**$11,036,500**
Importance Code A	$747,200	$1,196,700
Importance Code B	$2,069,000	$9,380,900
Importance Code C	$674,000	$458,900
Total	**$3,490,200**	**$11,036,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$92,600		$13,300	
Interior Architecture	$156,000		$68,800	$8,800
Electrical	$52,600	$38,200	$44,500	$40,600
Mechanical	$136,400	$29,400	$138,600	$29,800
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$447,400**	**$77,400**	**$275,100**	**$89,000**
Importance Code A	$104,100	$11,600	$24,900	$11,600
Importance Code B	$310,700	$65,800	$250,300	$77,400
Importance Code C	$32,600			
Total	**$447,400**	**$77,400**	**$275,100**	**$89,000**

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DEPARTMENT OF EDUCATION - 040

I. S. / J. H. S. 362 - BX

Asset # : 14918

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$106,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$13,300	
Masonry: Brick Cavity	40%			LIFE	* *	5	$170,300	
Masonry: Granite	5%			LIFE	* *	5	$16,000	
Pre-Cast Concrete	35%			LIFE	* *	5	$484,300	
Window Wall	10%			2053	* *	5	$79,800	
Windows								
Aluminum	75%			2049	* *	5	$28,100	
Fiberglass Panel	20%			2049	* *	5	$28,100	
Metal Louvers	5%			2042	* *	10	$11,700	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$175,100	
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$103,200	
Masonry: Brick Cavity	35%			LIFE	* *	5-10	$58,000	
Metal Panel	10%			2053	* *	5	$9,400	
Metal Rail	5%			2046	* *	5-10	$21,900	
Roof								
IRMA/Protected Membrane	95%	4+	$79,700	2038	* *			
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Upper Main Roof Northeast Corner								
Skylight, Metal/Glass	5%	4+	$124,500	2053	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Lobby At East And West Ends Of Skylight								
Soffits								
Metal Panel	50%			2053	* *	5-10	$500	
Stucco Cement	50%	Now	$300	2046	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : At North And South Building Entrances								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : At North And South Building Entrances								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$153,400	
Ceramic Tile	5%			2042	* *	5	$17,500	
Poured Epoxy/Resin	5%			2031	$982,100			
Quarry Tile	5%			2046	* *	5	$26,300	
Sheet Vinyl/Rubber	3%			2038	* *	5	$15,800	
Terrazzo	10%			LIFE	* *	5	$54,800	
Vinyl Tile	52%			2038	* *	3	$68,400	
Wood	10%			2061	* *	5	$65,700	

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DEPARTMENT OF EDUCATION - 040

I. S. / J. H. S. 362 - BX

Asset # : 14918

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$89,600	
Ceramic Tile	30%			2042	* *	5	$215,100	
Concrete Masonry Unit	20%			LIFE	* *	5	$114,700	
Folding Partition	3%			2049	* *	5	$53,800	
Gypsum Board	35%			LIFE	* *	5-10	$426,600	
Granite Panels	2%			LIFE	* *	10	$5,700	
Wood	5%			LIFE	* *	5	$286,800	
Ceilings								
AcousTileSusp.Lay-In	57%			2046	* *	5	$210,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$36,900	
Gypsum Board	35%	4+	$45,200	LIFE	* *	5	$161,500	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Room 102								
Metal Panel	3%			LIFE	* *	5	$27,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	85%			2046	* *			
Pavers/Stone	15%			2042	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Main Electrical Room								
Explanation : One 2,500 And Two 1,200 Ampere Main Switches								
Transformers								
Dry Type	100%			2046	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 750, 300 And 45 Kilovolt Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$1,000	
Raceway								
Conduit	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. / J. H. S. 362 - BX

Asset # : 14918

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$6,200	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$1,300	
Variable Frequency Drive	20%	Now	$3,600	2046	* *			
Not Functioning, Extent : Moderate, Area Affected : 5%								
Location : Roof At The Rooftop Unit								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$72,100	
Generators								
Diesel	100%			2042	* *	1	$90,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Roof								
Explanation : 435 Kilovolt Amperes, 350 Kilowatt 480 Volts 3 Phase								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$8,700	
Fuel Storage								
Day Tank	20%			2049	* *	5		
Main Tank	80%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Room								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	60%			2033	$2,095,100	10	$128,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	15%			2033	$523,800	10	$32,200	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	15%			2033	$523,800	10	$32,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor And Gymnasium								
Explanation : Corridor								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2033	$50,500	1		

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DEPARTMENT OF EDUCATION - 040

I. S. / J. H. S. 362 - BX

Asset # : 14918

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,900	
Alarm								
Security System								
Generic	100%			2038	* *	1	$87,500	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$144,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2043	* *	1		
Natural Gas	80%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2033	$728,700	1	$115,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Gasoline Fired Rooftop Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$206,800	
Terminal Devices								
Convector/Radiator	20%			2038	* *	1	$15,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Offices And Stairwells								
Explanation : Electric Heaters								
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%	Now	$1,771,000	2033	$3,542,000	2	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Building Management System Is Not Operational								
Split Unit	10%			2033	$556,300			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$381,000	
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. / J. H. S. 362 - BX

Asset # : 14918

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$206,800	
Exhaust Fans								
Roof	100%			2033	$454,500	2	$7,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Three Water Services								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$14,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : Two Elevators								
Fire Suppression								
Sprinkler								
Generic	100%			2043	* *	1-2	$65,600	
Fire Pump								
Generic	100%			2036	* *	1	$43,700	
Chemical System								
No Component	99%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Kitchen Hood								
Explanation : Two 56 Square Foot Fire Suppression Systems								
Generic	1%			2028	$4,600	1-3	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 109 - Q**
Address : **213-10 92 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0759.000 / 1589**
Area Sq Ft : **107,168**
Date of Survey : **03-Feb-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **10626** **Lot** : **1**

Agency's Number : **Q109**
Yr Built/Renovated : **1925 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4226839**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$432,100	$990,700
Interior Architecture	$2,275,100	$3,402,900
Electrical	$636,700	$840,100
Mechanical	$1,405,300	$1,515,100
Site Pavements		$148,900
Total	**$4,749,200**	**$6,897,700**
Importance Code A	$432,100	$1,042,100
Importance Code B	$4,166,700	$5,855,600
Importance Code C	$150,400	
Total	**$4,749,200**	**$6,897,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,500			
Interior Architecture	$179,800	$6,300	$32,700	$8,800
Electrical	$38,700	$3,100	$25,100	$2,500
Mechanical	$30,400	$15,700	$58,600	$16,900
Site Enclosure	$76,000			
Site Pavements	$32,900			
Total	**$364,300**	**$25,000**	**$116,400**	**$28,200**
Importance Code A	$17,100	$10,600	$10,800	$10,600
Importance Code B	$150,000	$14,400	$105,500	$17,600
Importance Code C	$197,200			
Total	**$364,300**	**$25,000**	**$116,400**	**$28,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Masonry: Brick	90%			LIFE	* *	5	$146,700	
Masonry: Limestone	5%	Now	$128,400	LIFE	* *	5	$6,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Base Of Auditorium Lintel And Opposite Facade Lintel								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Above Auditorium Lintel And Opposite Facade Lintel								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Front Facade At Base Of Building								
Windows								
Aluminum	95%	Now	$225,700	2047	* *	5	$23,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Ten Classrooms								
Metal Louvers	5%			2040	* *	10	$15,600	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$21,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,900	
Roof								
Built-Up (BUR)	95%	2-4	$78,000	2031	$780,300			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Main Roof On East Side								
Metal Panel	5%			2044	* *	10	$6,500	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	Now	$18,600	2051	* *	5	$2,500	
Split/Cracked, Extent : Severe, Area Affected : 50%								
Location : Stairs At Bulkhead Landings								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Stairs At Bulkheads								
Cast in Place Concrete	5%			LIFE	* *	5	$22,000	
Mosaic Tile	5%			2036	* *	5	$25,200	
Marble Panels	5%			LIFE	* *	5	$7,600	
Quarry Tile	5%			2044	* *	5	$15,100	
Vinyl Tile	35%	Now	$194,800	2031	$1,948,400	3	$26,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout Classrooms And Stairwells								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Stairwells								
Vinyl Tile	25%			2031	$1,391,700	3	$18,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors And Cafeteria								
Explanation : Vinyl Tile								
Vinyl Tile 9" X 9"	5%			2026	$1,778,200	3	$3,800	
Wood	10%			2046	* *	5	$37,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	0-2	$63,100	2034	* *	5	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Bathrooms And Corner Edge Tiles In Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout Bathrooms And Kitchen Tiles								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,200	
Gypsum Board	10%			LIFE	* *	5	$13,800	
Masonry: Brick	10%	Now	$87,300	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Basement At Exterior Perimeter Walls								
Vertical Cracks, Extent : Severe, Area Affected : 1%								
Location : At Column Below East Exit Stair								
Metal Panel	5%	Now	$29,700	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Panels Not Meeting Into Frame In Stairwells								
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Panel Edges At Stairwells								
Marble Panels	5%	4+	$40,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%	4+	$44,600	LIFE	* *	5	$27,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Stair Bulkheads, Corridors And Classrooms								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	2-4	$38,800	2036	* *	5	$30,200	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Exposed Struc: Concrete	15%	Now	$90,400	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Basement Below East Facade Exit								
Exposed Reinforcement, Extent : Severe, Area Affected : 1%								
Location : Basement Below East Facade Exit								
Metal Panel	5%			LIFE	* *	5	$12,600	
Plaster	50%	Now	$61,200	LIFE	* *	5	$62,900	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Classrooms, Gymnasiums And Corridors								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	10%			2044	* *	5-10	$11,500	
Chain Link	60%	Now	$27,600	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Posts Are Missing Connections At Street Facing Fence								
Corrosion/Rusting, Extent : Severe, Area Affected : 2%								
Location : 93rd Avenue								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout Street Facing Fence								
Explanation : Base Of Fence Is Bulging								
Iron Picket	30%	Now	$15,000	2051	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Front And Side Facades								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : 214th And 213th Street								
Retaining Walls								
Cast in Place Concrete	40%	4+	$8,900	2066	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Masonry: Brick	50%	0-2	$17,500	2041	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Rear Facade At Ramp And Stair Walls								
Masonry: Fieldstone	10%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front And Rear Facade								
Explanation : Limestone At Rear West Exit								
Marble At Main Entry								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	90%	Now	$14,700	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Courtyard At Balusters And Asphalt Transition								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Courtyard At Balusters And Asphalt Transition								
Masonry: Granite	5%	Now	$7,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 90%								
Location : Main Entrance Steps								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance Steps								
Explanation : Marble Steps								
Pavers/Stone	5%			2034	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance Landing								
Explanation : Brick								

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DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	$10,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot Area And Dumpster Area								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Parking Lot Area And Dumpster Area								
Explanation : Temporary Patching Of Potholes With Concrete								
Activity Yard								
Asphalt	80%			2040	* *			
Rubber Matting	20%			2031	$148,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$260,100	5	$500	
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Knife Sw	40%	2-4	$95,800	2056	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	40%			2030	$95,800	5	$1,100	
Molded Case Bkrs	10%			2047	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$239,300	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2031	$68,400	1		
Motor Controllers								
Locally Mounted	80%			2029	$145,200	5	$600	
Locally Mounted	20%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$96,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	30%			2036	* *	10	$7,800	
Emergency, Battery	20%	Now	$36,000	2041	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Exit, Service	20%			2036	* *	1		
Exit, Service	30%			2026	$13,900	1		
Exterior Lighting								
HID	30%			2026	$150,000	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$12,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$55,300	1-3	$13,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$106,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2031	$302,500	1	$9,900	
Convector/Radiator	50%			2029	$438,200	1	$17,300	
Fan Coil Unit/Heat	35%			2026	$930,000	1	$12,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$14,200	2029	$284,200	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,800	
Exhaust Fans								
Interior	100%			2026	$475,300	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2041	* *	1		
Galvanized Steel	25%			2029	$342,000	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$21,500	4	$2,300	
Backflow Preventer								
Generic	100%			2031	$47,900	1	$6,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$148,200	1-2	$3,000	
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)**		
Address	: **35 STARR STREET @ SARATOGA AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K111**
Program / Asset #	: **BOE0421.000 / 1381**	**Yr Built/Renovated**	: **1964 / 2010**
Area Sq Ft	: **161,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3185** **Lot** : **1**	**BIN**	: **3072497**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,535,700	$128,200
Interior Architecture	$2,221,800	$23,472,600
Electrical	$305,200	$1,530,300
Mechanical	$117,000	$4,286,200
Site Enclosure	$83,000	
Total	**$5,262,600**	**$29,417,400**
Importance Code A	$2,535,700	$1,445,200
Importance Code B	$2,065,900	$27,972,100
Importance Code C	$661,000	
Total	**$5,262,600**	**$29,417,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,200		$10,000	
Interior Architecture	$256,700		$30,200	$16,000
Electrical	$101,600	$17,400	$15,900	$17,400
Mechanical	$110,700	$39,800	$40,800	$26,100
Site Enclosure	$16,000			
Site Pavements	$64,100			
Total	**$577,400**	**$57,200**	**$96,900**	**$59,500**
Importance Code A	$84,500	$16,900	$27,000	$16,900
Importance Code B	$357,300	$40,300	$47,700	$42,600
Importance Code C	$135,600		$22,200	
Total	**$577,400**	**$57,200**	**$96,900**	**$59,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)

Asset # : 1381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$150,300	
Masonry: Limestone	5%			LIFE	* *	5	$6,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Painted Finish								
Metal Panel	5%			2053	* *	5-10	$30,400	
Granite Panels	5%			LIFE	* *	5	$6,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Entrance								
Explanation : Painted Finish								
Windows								
Aluminum	94%			2049	* *	5	$20,700	
Steel	6%	0-2	$9,900	2041	* *	5	$8,300	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Metal Security Bars	10%			2048	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Above Kitchen Cafeteria								
Metal: Cage/Fence	90%			2038	* *	5-10	$90,900	
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Throughout All Roofs								
Roof								
IRMA/Protected Membrane	95%	Now	$2,460,500	2043	* *			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 25%								
Location : Above Gymnasium And Cafeteria								
Insul Deter/Miss, Extent : Severe, Area Affected : 25%								
Location : Above Gymnasium And Cafeteria								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : At Stair Bulkheads								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Above Gymnasium And Cafeteria								
Ponding, Extent : Severe, Area Affected : 25%								
Location : Throughout All Roof Levels								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Above Gymnasium And Cafeteria And Fourth Floor								
Metal Panel	5%			2046	* *	10	$10,000	
Soffits								
Ceramic Tile	20%	Now	$700	2053	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Main Entrance								
Pre-Cast Concrete	80%	0-2	$600	LIFE	* *	5	$300	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : At Roof Level								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)

Asset # : 1381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$56,000	
Ceramic Tile	5%	Now	$36,100	2042	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Staff Toilets And Kitchen								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Staff Toilets And Kitchen								
Sheet Vinyl/Rubber	5%			2033	$836,800	5	$19,200	
Terrazzo	5%			LIFE	* *	5	$20,000	
Vinyl Tile	25%			2038	* *	3	$24,000	
Vinyl Tile 9" X 9"	50%	0-2	$1,128,700	2028	$22,573,200	3	$48,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms And Corridors								
Wood	5%	Now	$152,600	2061	* *	5	$12,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%	Now	$27,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Ceramic Tile	1%	Now	$9,800	2042	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Staff Toilets And Kitchen								
Concrete Masonry Unit	15%	Now	$501,700	LIFE	* *	5	$21,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Vertical Cracks, Extent : Moderate, Area Affected : 6%								
Location : Gymnasium, Fan Room								
Concrete Masonry Unit	4%			LIFE	* *	5	$11,400	
Folding Partition	5%			2041	* *	5	$44,500	
Glazed Ceramic Panel	5%	4+	$27,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	1%			LIFE	* *	10	$1,100	
Plaster	39%			LIFE	* *	5-10	$118,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$44,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)

Asset # : 1381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	6%			2038	* *	5	$18,800	
AcousTileConcealSpLn	19%	Now	$76,500	2038	* *	5	$29,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms 408, 412								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout 4th Floor Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Classrooms 408, 412								
AcousTileSusp.Lay-In	10%	Now	$20,800	2038	* *	5	$12,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Hallways								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Corridor								
Exposed Struc: Concrete	3%	Now	$225,100	LIFE	* *	5	$1,200	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Fan Room								
Exposed Struc: Concrete	17%			LIFE	* *	5-10	$53,200	
Fiber Board	5%			2038	* *			
Plaster	40%	Now	$60,900	LIFE	* *	5	$62,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 306								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$83,000	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corner Of Wilson Avenue And Starr Street								
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Base Posts Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$16,000	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$43,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Starr Street, Wilson Avenue And Troutman Street								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Starr Street At Patch Repair								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)

Asset # : 1381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	96%	0-2	$9,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Of School								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Between School And Park								
Explanation : Clogged Drains								
Masonry: Granite	4%	0-2	$8,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North And South Exits								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$2,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Dumpsters On Troutman Street								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2033	$36,000	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,800 Ampere And One 800 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch.								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$263,300	5	$600	
Fused Disc Sw	10%			2043	* *	5	$100	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)

Asset # : 1381

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$400	
Fused Knife Sw	5%	2-4	$17,000	2058	* *	5	$100	
Obsolete Equipment, Extent : Light, Area Affected : 20%								
Location : Basement								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Molded Case Bkrs	60%			2032	$203,600	5	$2,500	
Molded Case Bkrs	5%			2041	* *	5	$200	
Molded Case Bkrs	20%			2055	* *	5	$800	
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : New AC Panelboards Throughout Building								
Wiring								
Braided Cloth	40%	2-4	$159,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building								
Thermoplastic	25%			2033	$99,900	1		
Thermoplastic	10%			2043	* *	1		
Thermoplastic	25%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : New Wiring For AC And Outlets Throughout Building								
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,400	
Corroded, Extent : Light, Area Affected : 100%								
Location : Water Main								
Lighting								
Interior Lighting								
Fluorescent	79%			2038	* *	10	$123,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout School								
Incandescent	1%	0-2	$47,300	2043	* *	2		
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Storage Spaces, Roof Lobby								
LED	20%			2038	* *			
Egress Lighting								
Emergency, Battery	10%			2038	* *	10	$4,100	
Exit, LED	70%			2048	* *	1		
Exit, Service	20%			2033	$14,700	1		

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DEPARTMENT OF EDUCATION - 040
I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)
Asset # : 1381

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	5%			2028	$37,600	10		
HID	3%			2033	$22,500	10		
HID	2%	Now	$15,000	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Roof								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$302,200	1	$60,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Explanation : CCTV, Motion Sensors And Intrusion Alarms								
Fire/Smoke Detection								
Generic, Analog	35%	Now	$145,400	2043	* *	1-3	$31,600	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Throughout Building, Obsolete Fire Alarm System								
Generic, Analog	65%			2043	* *	1-3	$64,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$52,900	
Exposed Tank(s), Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks. Capacity 15,000 Gallon Each								
Conversion Equipment								
Steam Boiler	86%			2031	$1,281,100	1	$145,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units Installed In 1964.								
Steam Boiler	14%	Now	$41,700	2053	* *	1	$21,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Boiler 1 Has One Leaking Tube, Boiler 2 Has 1 Plugged Tube.								

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DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)

Asset # : 1381

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$30,200	
Steam Piping/Pump	60%	0-2	$16,400	2043	* *			
Insul. Deteriorating, Extent : Severe, Area Affected : 100%								
Location : Condensate Pump In Room B-19								
Steam Piping/Pump	20%			2043	* *			
Terminal Devices								
Air Handler	10%	Now	$6,400	2033	$321,600	1	$9,500	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Second Floor Fan Room								
Explanation : Broken Flex Connector At Gymnasium Blower Bl-3 Discharge.								
Air Handler	10%			2033	$321,600	1	$10,600	
Convector/Radiator	75%			2038	* *	1	$41,400	
Fan Coil Unit/Heat	5%			2033	$211,900	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	3%			2033	$121,700			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rooms 244, 305 And 312								
Explanation : 3 Units.								
Window/Wall Unit	87%			2028	$563,300	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	99%			LIFE	* *	2-5	$149,400	
Ductwork/Diffusers	1%	Now	$75,100	LIFE	* *	2-5	$1,000	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Fan Room Above Auditorium								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Fan Room Above Auditorium								
Explanation : No Insulation On Ductwork, Quantity 200 Square Feet								
Exhaust Fans								
Interior	25%			2033	$189,500	2	$1,300	
Interior	5%			2038	* *	2	$300	
Roof	70%			2033	$232,100	2	$3,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	99%			2038	* *	1		
Galvanized Steel	1%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 100 Gallon Storage Tanks								

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DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK (ORGANIZATION.: I.S. 347/349-BK)

Asset # : 1381

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2033	$826,400	4	$25,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$34,200	4	$5,400	
Sewage Ejector(s)								
Electric	100%			2033	$89,500	4	$10,200	
Backflow Preventer								
Generic	100%	2-4	$1,500	2033	$76,300	1	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Service Into Room B-7a With Backflow Preventer With Rusting Valve. Service Into Room B-20 Without Backflow Preventer.								
Fixtures								
Generic	100%							
Leaking Connections, Extent : Moderate, Area Affected : 20%								
Location : Leaking Floor Mounted Urinals In Rooms 318, 218 And 118.								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$4,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 113 - BK**
Address : **300 ADELPHI STREET BTWN: DEKALB AVE., LAFAYETTE AVE**
Borough : **BROOKLYN**
Agency's Number : **K113**
Program / Asset # : **BOE0423.000 / 1383**
Yr Built/Renovated : **1962 / 2006**
Area Sq Ft : **147,000**
Project Type : **EDUCATION**
Date of Survey : **25-Feb-2019**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,4**
Block : **2103** **Lot** : **4**
BIN : **3059051**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,279,700
Interior Architecture	$214,400	$11,583,800
Electrical	$558,700	$742,500
Mechanical	$759,200	$4,117,200
Site Pavements		$128,200
Total	**$1,532,200**	**$17,851,500**
Importance Code A	$280,700	$2,683,000
Importance Code B	$1,251,600	$15,040,300
Importance Code C		$128,200
Total	**$1,532,200**	**$17,851,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,200	$2,400	$2,100	
Interior Architecture	$79,900	$29,100	$12,500	$6,900
Electrical	$40,700	$4,700	$6,000	$4,900
Mechanical	$54,300	$77,600	$28,800	$21,000
Site Enclosure	$6,100			
Site Pavements	$44,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$253,200**	**$117,800**	**$53,300**	**$36,800**
Importance Code A	$24,200	$17,300	$16,700	$14,600
Importance Code B	$156,700	$100,500	$36,700	$22,300
Importance Code C	$72,300			
Total	**$253,200**	**$117,800**	**$53,300**	**$36,800**

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$71,300	
Granite Panels	2%			LIFE	* *	5	$1,100	
Pre-Cast Concrete	3%			LIFE	* *	5	$7,300	
Windows								
Aluminum	95%			2046	* *	5	$4,200	
Metal Louvers	5%			2039	* *	10	$1,400	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$6,400	
Metal Panel	2%			2050	* *	5	$600	
Metal Rail	5%			2043	* *	5-10	$7,300	
Metal: Cage/Fence	3%			2043	* *	5-10	$1,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$5,100	
Roof								
Built-Up (BUR)	95%	4+	$24,200	2030	$1,208,400			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Stair Bulkhead Door Sill								
Copper/Terne	5%			2058	* *	10	$12,400	
Soffits								
Stucco Cement	100%			2035	* *	5	$4,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$48,500	
Ceramic Tile	5%			2039	* *	5	$11,100	
Sheet Vinyl/Rubber	5%			2030	$794,800	5	$16,600	
Terrazzo	5%			LIFE	* *	5	$8,700	
Vinyl Tile	45%			2035	* *	3	$37,400	
Vinyl Tile 9" X 9"	25%	Now	$214,400	2030	$10,719,800	3	$20,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stairwells								
Wood	5%			2058	* *	5	$20,800	
Recent Replace Evident, Extent : N/A, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$4,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Masonry: Brick	7%			LIFE	* *			
Plaster	55%	Now	$41,000	LIFE	* *	5	$23,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$31,300	2035	* *	5	$22,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	15%			2035	* *	5	$41,600	
Exposed Struc: Concrete	13%			LIFE	* *	5	$4,500	
Metal Panel	2%			LIFE	* *	5	$5,500	
Plaster	50%			LIFE	* *	5	$69,300	
Site Enclosure								
Fence/Gates								
Chain Link	35%			2040	* *			
Iron Picket	65%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$6,100	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Areaway Located On South Side Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$14,800	2035	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Northeast Corner Of Bulding On Carlton Avenue Side								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Northeast Corner Of Bulding On Carlton Avenue Side								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Northeast Corner Of Bulding On Carlton Avenue Side								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$29,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Courtyard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : South Courtyard								
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : South Courtyard								
Parking/Driveway								
Asphalt	100%			2033	$128,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Raceway								
Conduit	80%			2030	$253,100	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	95%			2046	* *	5	$3,700	
Wiring								
Braided Cloth	80%	2-4	$350,100	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	40%			2028	$79,500	5	$400	
Locally Mounted	30%	2-4	$35,800	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Locally Mounted	30%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	97%			2035	* *	10	$130,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$2,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Incandescent	1%			2030	$44,600	2		
Egress Lighting								
Emergency, Battery	50%			2030	$135,100	10	$17,700	
Exit, Service	50%			2030	$34,700	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%	Now	$75,100	2030	$150,200			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$16,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$124,600	1-3	$28,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$45,500	
Conversion Equipment								
Steam Boiler	100%	2-4	$280,700	2028	$1,403,300	1	$131,000	
Corroded, Extent : Severe, Area Affected : 15%								
Location : Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : No Modulation Units Run On High Fire Only In Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units, 1 Heat Exchanger For Portion Of Hot Water Devices In The Building								
Distribution								
Hot Wtr Piping/Pump	20%			2038	* *	4	$1,500	
Steam Piping/Pump	80%	Now	$51,600	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Oil Tank Room And Fan Room								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control System In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement								

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2030	$908,900	1	$27,300	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Intake Dampers In Basement Fan Room								
Convector/Radiator	70%			2028	$921,600	1	$33,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	2%			2030	$76,500			
Window/Wall Unit	70%			2025	$426,900	1		
No Component	28%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$41,000	
No Component	50%							
Exhaust Fans								
Interior	40%			2030	$285,600	2	$1,800	
Roof	60%			2030	$187,400	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%	2-4	$20,600	2035	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Water Service Mains In Basement								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Water Meter In Basement								
Water Heater With Tanks								
Gas Fired	100%			2024	$18,700	2		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$21,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$32,200	4	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2030	$334,000	1-2	$6,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 113 - BX (J. H. S. 113 - BX)**		
Address	: **3710 BARNES AVENUE BTWN: E.216 ST. - E.217 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X113**
Program / Asset #	: **BOE0253.000 / 413**	**Yr Built/Renovated**	: **1937 / 2008**
Area Sq Ft	: **208,447**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4675** **Lot** : **20**	**BIN**	: **2058396**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$5,176,100	$172,100
Interior Architecture	$1,206,700	$3,231,100
Electrical	$733,600	$2,454,100
Mechanical	$2,063,100	$2,207,500
Total	**$9,179,500**	**$8,064,800**
Importance Code A	$5,176,100	$274,900
Importance Code B	$4,003,400	$7,789,900
Total	**$9,179,500**	**$8,064,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,800		$15,500	
Interior Architecture	$9,300	$13,700	$61,200	$13,700
Electrical	$6,800	$5,100	$16,300	$3,900
Mechanical	$75,000	$29,600	$46,500	$42,100
Site Enclosure	$12,800			
Site Pavements	$2,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$142,200**	**$52,300**	**$143,500**	**$63,600**
Importance Code A	$52,400	$20,600	$36,600	$20,600
Importance Code B	$74,500	$31,700	$106,900	$42,900
Importance Code C	$15,200			
Total	**$142,200**	**$52,300**	**$143,500**	**$63,600**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$172,100	
Masonry: Granite	10%			LIFE	* *	5	$15,200	
Masonry: Limestone	5%			LIFE	* *	5	$7,600	
Windows								
Aluminum	100%	Now	$3,673,500	2056	* *	5	$38,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$25,300	
Pre-Cast Concrete	10%	Now	$11,400	LIFE	* *	5	$17,700	
Caulking Deteriorated, Extent : Severe, Area Affected : 50%								
Location : Coping								
Roof								
Built-Up (BUR)	55%	Now	$994,500	2041	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 10%								
Location : Over Third Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Room 337 And Various Locations On Third Floor Corridor								
Copper/Terne	5%	Now	$20,400	2059	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
IRMA/Protected Membrane	10%			2036	* *	10	$15,500	
Modified Bitumen	30%	Now	$508,000	2041	* *			1
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Gymnasium Roof								
Seams Open/Split, Extent : Severe, Area Affected : 30%								
Location : Gymnasium Roof								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Gymnasium								
Worn/Eroded, Extent : Severe, Area Affected : 75%								
Location : Over Gymnasium								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$68,200	
Ceramic Tile	5%	Now	$88,000	2034	* *	5	$7,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$12,200	
Vinyl Tile	35%			2031	$3,016,600	3	$41,000	
Vinyl Tile 9" X 9"	35%	Now	$963,600	2041	* *	3	$41,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Throughout Classrooms And Corridors								
Wood	10%			2046	* *	5	$58,500	
Interior Walls								
Glass: Single Pane	2%			LIFE	* *	5	$3,500	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Stairwells								
Explanation : Glass Panels Painted Over								
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 3%								
Location : Stairwells								
Explanation : Mesh Partitions In Stairwells								
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$38,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	2%	Now	$60,200	2051	* *	5	$3,100	
Adhesion Failure, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor Cafeteria								
Loose/Delam Surface, Extent : Severe, Area Affected : 80%								
Location : 2nd Floor Cafeteria								
AcousTileConcealSpLn	10%			2036	* *	5	$39,000	
AcousTileSusp.Lay-In	8%			2036	* *	5	$25,000	
AcousTileSusp.Lay-In	2%			2044	* *	5	$6,200	
Metal Panel	3%	2-4	$6,200	LIFE	* *	5	$11,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	65%			LIFE	* *	5	$126,700	
Plaster	10%	Now	$94,900	LIFE	* *	5	$19,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads, Room 337 And Third Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads, Room 337 And Third Floor Corridor								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	2%			2041	* *			
Iron Picket	98%	Now	$12,800	2066	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : East 216th Street, Barnes Avenue								
Retaining Walls								
Cast in Place Concrete	60%			2066	* *			
Masonry: Fieldstone	40%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$2,400	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Ramp								
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	98%			2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Rubber Matting	2%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$102,800	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Disconnect Switches Rated At 1,600 Amperes And 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$650,200	5	$900	
Raceway								
Conduit	80%			2031	$539,400	1		
Conduit	20%			2041	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$51,100	5	$400	
Fused Disc Sw	2%			2039	* *	5	$100	
Molded Case Bkrs	10%			2030	$63,900	5	$500	
Molded Case Bkrs	80%			2039	* *	5	$4,400	

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$539,100	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	20%			2031	$179,700	1		
Motor Controllers								
Locally Mounted	90%			2029	$326,600	5	$1,300	
Locally Mounted	10%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	94%			2039	* *	10	$179,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : All Classroom, All Offices, Hallway And Basement								
Fluorescent	6%			2036	* *	10	$11,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Gymnasium And Auditorium								
Egress Lighting								
Emergency, Battery	50%			2031	$174,900	10	$25,200	
Exit, Service	50%			2031	$44,900	1		
Exterior Lighting								
HID	10%			2026	$97,300	10	$100	
HID	10%	Now	$97,300	2041	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$78,300	1	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : CCTV Surveillance Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2031	$107,500	1-3	$25,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Smoke Detectors, Horns, Manual Pull Stations And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$206,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	25%			2026	$980,700	1	$32,200	
Convector/Radiator	60%			2036	* *	1	$40,400	
Fan Coil Unit/Heat	15%			2031	$775,200	1	$10,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2031	$228,600	2	$1,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit, Roof Serving 6 Rooms								
Split Unit	10%			2036	* *			
Window/Wall Unit	20%	Now	$7,900	2026	$157,900	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various								
Explanation : 60 Percent Of Wall Unit Are Malfunctioning								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$116,200	
Exhaust Fans								
Interior	100%			2026	$924,500	2	$6,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$1,007,900	4	$20,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$36,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Cracked Drain Piping At Basement Causing Flooding								
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$4,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : 1st To 2nd Floor								
Explanation : One Freight Unit								
Hydraulic	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement To 3rd Floor								
Explanation : One Passenger Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$144,100	1-2	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 117 - BK**		
Address	: **300 WILLOUGHBY AVENUE @ KENT AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K117**
Program / Asset #	: **BOE0427.000 / 1358**	**Yr Built/Renovated**	: **1955 / 2017**
Area Sq Ft	: **147,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1926** **Lot** : **10**	**BIN**	: **3055165**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,320,800	$223,800
Interior Architecture	$3,470,800	$4,973,500
Electrical	$119,900	$1,545,000
Mechanical	$2,529,100	$4,224,200
Site Pavements	$52,700	
Total	**$7,493,300**	**$10,966,500**
Importance Code A	$1,577,100	$1,505,100
Importance Code B	$5,473,600	$9,461,500
Importance Code C	$442,700	
Total	**$7,493,300**	**$10,966,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,800			
Interior Architecture	$164,800		$1,800	$14,000
Electrical	$37,800	$13,700	$14,200	$17,000
Mechanical	$231,800	$22,500	$44,600	$20,900
Site Enclosure	$26,000			
Site Pavements	$26,800			
Total	**$567,000**	**$36,200**	**$60,700**	**$51,900**
Importance Code A	$79,800	$14,600	$14,600	$14,600
Importance Code B	$414,600	$21,600	$46,200	$37,300
Importance Code C	$72,700			
Total	**$567,000**	**$36,200**	**$60,700**	**$51,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	2-4	$330,100	LIFE	* *	5	$80,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Rear Of Building								
Masonry: Brick	33%			LIFE	* *	5	$88,200	
Metal Panel	5%			2053	* *	5-10	$45,900	
Granite Panels	2%	4+	$6,600	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Entrance								
Windows								
Aluminum	100%	Now	$904,400	2049	* *	5	$15,800	
Air Infiltration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$101,100	
Masonry: Limestone	5%			LIFE	* *	5-10	$9,500	
Roof								
Modified Bitumen	100%			2038	* *	10	$99,500	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$41,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$92,500	
Ceramic Tile	5%	0-2	$59,600	2036	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Poured Epoxy/Resin	10%			2031	$1,184,000			
Terrazzo	5%	2-4	$49,400	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Steps								
Vinyl Tile	43%	Now	$251,100	2038	* *	3	$34,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms And Corridors Throughout								
Vinyl Tile	7%			2038	* *	3	$5,500	
Vinyl Tile 9" X 9"	10%	Now	$1,865,000	2033	$3,730,100	3	$7,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Classrooms And Corridors Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Classrooms And Corridors Throughout								
Wood	7%	Now	$88,200	2048	* *	5	$13,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Wood	3%			2048	* *	5	$11,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%	Now	$14,400	2042	* *	5	$1,300	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%	0-2	$61,400	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Glazed Ceramic Panel	3%			LIFE	* *	10	$3,500	
Masonry: Brick	5%			LIFE	* *	10	$2,000	
Plaster	55%	Now	$87,500	LIFE	* *	5	$21,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout, 1st Floor Office								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout, 1st Floor Office								
SGFT/Glazed Masonry	25%	0-2	$293,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Corridors								
Ceilings								
AcousTile,Adhered	7%	Now	$23,800	2038	* *	5	$7,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Corridor Near Boiler Room								
AcousTile,Adhered	3%			2038	* *	5	$6,300	
AcousTileConcealSpLn	15%	0-2	$25,500	2038	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors Throughout								
Exposed Struc: Concrete	30%	0-2	$475,000	LIFE	* *	5	$9,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Plaster	45%	Now	$289,200	LIFE	* *	5	$59,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2043	* *			
Iron Picket	60%	Now	$26,000	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : By Kitchen Exit								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : By Kitchen Exit								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	7%	0-2	$52,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	93%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	85%	Now	$26,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	15%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2053	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Ampere Emergency Lighting Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	80%			2033	$231,100	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	7%			2032	$21,000	5	$200	
Fused Disc Sw	3%			2049	* *	5	$100	
Molded Case Bkrs	70%			2049	* *	5	$2,700	
Molded Case Bkrs	20%			2032	$59,900	5	$800	
Wiring								
Braided Cloth	30%	0-2	$119,900	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2033	$199,800	1		
Thermoplastic	20%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,300	
Lighting								
Interior Lighting								
Fluorescent	68%			2038	* *	10	$91,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$2,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	30%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$123,400	10	$17,700	
Exit, LED	40%			2068	* *	1		
Exit, Service	10%			2028	$6,300	1		
Exterior Lighting								
HID	1%			2028	$6,900	10		
LED	9%			2038	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$276,000	1	$54,900	
Fire/Smoke Detection								
Generic, Analog	100%			2028	$379,200	1-3	$93,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Obsolete System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$45,500	
Conversion Equipment								
Steam Boiler	100%	Now	$256,300	2031	$1,281,300	1	$131,000	
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : All 3 Boilers								
Repairs In Progress, Extent : N/A, Area Affected : 30%								
Location : Boiler No. 1 Is Under Repair. Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$23,500	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Replacement Steam Trap Components Are Failing								
Terminal Devices								
Air Handler	20%			2028	$553,300	1	$18,200	
Convector/Radiator	80%			2031	$961,600	1	$38,000	
Controls								
Electrical	20%			2028	$163,400			
Pneumatic	80%	Now	$113,600	2027	$2,272,800			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Thermostats In Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	30%			2038	* *	2	$2,700	
Split Unit	5%			2038	* *			
Window/Wall Unit	40%			2028	$222,800	1		
No Component	25%							
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2	$59,800	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$129,800	
Exhaust Fans								
Interior	50%			2033	$326,000	2	$2,300	
Roof	50%			2038	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%	Now	$28,200	2031	$563,000	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1 Of 2 Hot Water Circulation Pumps								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Near Kent Avenue In The Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Approximately 250 Gallons, No Label On Unit. Quantity 3								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$29,400	4	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$101,600	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 117 - BX (J. H. S. 117 - BX)**		
Address	: **1865 MORRIS AVENUE BTWN: MOUNT HOPE PL., EAST 176 S**		
Borough	: **BRONX**	**Agency's Number**	: **X117**
Program / Asset #	: **BOE0257.000 / 416**	**Yr Built/Renovated**	: **1937 / 2000**
Area Sq Ft	: **112,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2827** **Lot** : **1**	**BIN**	: **2007902**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$222,000	$139,300
Interior Architecture	$275,300	$4,025,500
Electrical	$218,800	$98,600
Mechanical	$1,180,400	$4,972,900
Total	**$1,896,500**	**$9,236,300**
Importance Code A	$222,000	$1,115,500
Importance Code B	$1,674,500	$8,120,900
Total	**$1,896,500**	**$9,236,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$49,200			$17,800
Electrical	$3,100	$17,600	$3,900	$3,100
Mechanical	$81,800	$35,200	$26,400	$17,000
Site Pavements	$41,000			
Total	**$175,100**	**$52,900**	**$30,300**	**$37,900**
Importance Code A	$11,100	$11,300	$11,100	$11,100
Importance Code B	$159,900	$41,500	$19,200	$26,800
Importance Code C	$4,100			
Total	**$175,100**	**$52,900**	**$30,300**	**$37,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$139,300	
Masonry: Limestone	7%			LIFE	* *	5	$7,900	
Windows								
Aluminum	100%	4+	$139,300	2046	* *	5	$14,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5	$10,200	
Masonry: Limestone	15%			LIFE	* *	5	$2,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,600	
Roof								
Modified Bitumen	100%			2035	* *	10	$82,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,500	
Ceramic Tile	3%			2039	* *	5	$5,300	
Quarry Tile	2%	Now	$104,700	2050	* *	5	$2,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$2,800	
Vinyl Tile	80%	Now	$78,600	2030	$3,931,000	3	$53,400	
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : Classrooms 213, 215								
Wood	8%	2-4	$42,400	2045	* *	5	$13,300	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 3rd Floor Gymnasium								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$8,100	
Glass: Single Pane	2%			LIFE	* *	5	$2,400	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	54%			LIFE	* *	5	$26,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2043	* *	5	$8,900	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,800	
Plaster	85%	Now	$92,000	LIFE	* *	5	$94,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 3rd And 4th Floor Gymnasium, Room 123								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Various Locations Throughout, Close To Steam Pipes								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2050	* *			
Iron Picket	30%			2065	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$41,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Mount Hope Place And Walton								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$500	
Raceway								
Conduit	90%			2040	* *	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5	$100	
Molded Case Bkrs	85%			2038	* *	5	$2,500	
Molded Case Bkrs	10%			2046	* *	5	$300	
Wiring								
Thermoplastic	90%			2040	* *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$98,600	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2025	$62,100	2	$100	
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$13,500	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2025	$156,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$12,600	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$20,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$34,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground Sidewalk Vault								
Explanation : Two 10,000 Gallon Tanks For No.4 Fuel								
Conversion Equipment								
Steam Boiler	100%			2028	$976,200	1	$110,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								

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DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%	0-2	$17,900	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Return Pipe Near Vacuum Pump In Boiler Room								
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Pneumatic Control System								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Steam Piping/Pump	90%			2030	$807,200			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$421,500	1	$13,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms								
Convector/Radiator	45%			2028	$412,100	1	$16,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	35%	0-2	$48,600	2030	$971,900	1	$11,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Rooms 131, 223								
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$127,300	2030	$212,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms, Multiple Mechanical And / Or Electrical Defects								
Window/Wall Unit	20%			2025	$84,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	100%			2025	$496,700	2	$3,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fans Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$1,438,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 175 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2030	$22,400	4	$2,400	
Backflow Preventer								
Generic	100%			2025	$50,000	1	$6,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$154,900	1-2	$3,100	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 118 - BX (J. H. S. 118 - BX)**
Address : **577 EAST 179 STREET @LA FONTAINE AVENUE**
Borough : **BRONX** | **Agency's Number** : **X118**
Program / Asset # : **BOE0258.000 / 417** | **Yr Built/Renovated** : **1939 / 2003**
Area Sq Ft : **95,000** | **Project Type** : **EDUCATION**
Date of Survey : **28-Oct-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3069** **Lot** : **1** **BIN** : **2011995**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$136,000	$97,900
Interior Architecture	$64,900	$2,500,000
Electrical	$797,000	$1,794,400
Mechanical	$612,700	$1,379,000
Total	**$1,610,600**	**$5,771,300**
Importance Code A	$301,600	$97,900
Importance Code B	$1,309,000	$5,673,400
Total	**$1,610,600**	**$5,771,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,800			$4,600
Interior Architecture	$67,100	$7,100		$10,900
Electrical	$28,300	$2,500	$1,900	$112,500
Mechanical	$4,900	$14,700	$21,600	$30,700
Site Enclosure	$6,000			
Site Pavements	$800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$115,900**	**$28,300**	**$27,500**	**$162,700**
Importance Code A	$4,800	$9,400	$9,400	$14,200
Importance Code B	$110,300	$15,900	$18,100	$148,400
Importance Code C	$800	$3,000		
Total	**$115,900**	**$28,300**	**$27,500**	**$162,700**

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DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$97,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout Facades								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : All Facades								
Masonry: Granite	2%			LIFE	* *	5	$1,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	8%			LIFE	* *	5	$6,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$77,400	2048	* *	5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Classrooms								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$7,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Masonry: Limestone	30%			LIFE	* *	5	$4,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Coping Stones								
Roof								
Built-Up (BUR)	95%			2037	* *	10	$58,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout Roof Area								
Copper/Terne	3%			2047	* *	10	$4,600	
Roll Roofing	2%	Now	$4,800	2034	* *	5	$1,000	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : First Floor Exit 3								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Over Exit 3 At First Floor								
Soffits								
Masonry: Granite	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2033	$49,000	3	$5,500	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$15,100	
Ceramic Tile	2%	Now	$7,800	2035	* *	5	$1,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms And Kitchen								
Worn/Eroded, Extent : Severe, Area Affected : 30%								
Location : Toilet Rooms And Kitchen								
Ceramic Tile	1%			2045	* *	5	$1,400	
Recent Installation, Extent : N/A, Area Affected : 1%								
Location : Toilet Room								
Terrazzo	5%			LIFE	* *	5	$5,400	
Vinyl Tile	30%	Now	$23,000	2032	$1,147,900	3	$15,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Classroom 430								
Vinyl Tile 9" X 9"	5%	Now	$24,400	2032	$1,222,300	3	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor Gymnasium								
Wood	50%			2047	* *	5	$129,900	
Interior Walls								
Ceramic Tile	2%			2045	* *	5	$2,400	
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : Toilet Room								
Ceramic Tile	3%			2035	* *	5	$3,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Masonry: Brick	10%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$19,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2037	* *	5	$6,900	
AcousTileSusp.Lay-In	5%			2045	* *	5	$6,900	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,200	
Plaster	70%			LIFE	* *	5	$60,600	
Plaster	5%	Now	$10,500	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Exit 3 At First Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : First Floor Exit 3, Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2052	* *			
Iron Picket	50%			2067	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	4+	$6,000	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Areaway On Arthur Avenue, Rear Of Activity Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Masonry: Granite	10%	4+	$800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 3%								
Location : Granite Steps								
Caulking Deteriorated, Extent : Moderate, Area Affected : 2%								
Location : Various Locations Of Granite Steps								
Activity Yard								
Asphalt	100%			2041	* *			
Other Observation, Extent : Severe, Area Affected : 90%								
Location : Rear Of Site								
Explanation : Being Used For Parking								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere And One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$227,600	2062	* *	5	$200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2032	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Fused Knife Sw	10%	Now	$24,000	2057	* *	5	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	70%	2-4	$167,600	2057	* *	5	$800	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2040	* *	5	$300	

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DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	0-2	$233,400	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2032	$1,387,800	10	$85,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2027	$11,300	10		
HID	1%	Now	$2,300	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2027	$79,700	10	$11,500	
Exit, Service	50%			2027	$20,500	1		
Exterior Lighting								
HID	20%			2027	$88,700	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2035	* *	5	$600	
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance System								
Generic	10%			2027	$17,800	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	$49,000	1-3	$12,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Basement								
Explanation : Bell, Pull Box Station And Fire Alarm Panel								

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DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$165,600	2037	* *	1	$84,700	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Both Boiler Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$267,100	2042	* *	4	$4,700	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room. Defective Temperature Control								
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement. Kitchen Area. Deteriorating Insulation								
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement. Boiler Room. Leaking Cold Water Piping. Leaking Feed Water Pump, Leaking Condensate Pump From Seal.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement. Boiler Equipment On Extended Life.								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2032	$715,100	1	$23,500	
Convector/Radiator	60%			2037	* *	1	$18,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2027	$179,900	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,000	
Exhaust Fans								
Interior	100%			2032	$421,300	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$242,600	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$39,400	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 118 - BX MINISCHOOL**		
Address	: **577 EAST 179 STREET @ LA FONTAINE AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X118**
Program / Asset #	: **BOE0258.010 / 13429**	**Yr Built/Renovated**	: **1998 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3069** **Lot** : **1**	**BIN**	: **2011995**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$134,200	
Electrical		$288,400
Mechanical		$179,200
Total	**$134,200**	**$467,600**
Importance Code A	$134,200	$108,400
Importance Code B		$359,300
Total	**$134,200**	**$467,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,300			
Interior Architecture	$20,900	$7,300	$1,100	$1,900
Electrical	$300	$400	$400	$14,000
Mechanical	$700	$600	$2,400	$600
Site Pavements	$7,100			
Total	**$57,100**	**$8,300**	**$3,800**	**$16,500**
Importance Code A	$28,800	$500	$500	$700
Importance Code B	$21,300	$7,800	$2,600	$15,800
Importance Code C	$7,100		$700	
Total	**$57,100**	**$8,300**	**$3,800**	**$16,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX MINISCHOOL

Asset # : 13429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	2-4	$5,400	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Base Of Wall								
Metal Panel	95%	Now	$22,800	2052	* *	5	$32,300	
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$1,900	
Roof								
Single Ply Membrane	100%	Now	$134,200	2037	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout Roof Area								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Interior								
Floors								
Ceramic Tile	5%			2041	* *	5	$800	
Vinyl Tile	95%	Now	$20,900	2037	* *	3	$5,700	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Various								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$1,300	
Gypsum Board	95%			LIFE	* *	5	$14,900	
Ceilings								
AcousTileSusp.Lay-In	95%			2045	* *	5	$14,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Corridors								
Gypsum Board	5%			LIFE	* *	5	$1,000	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$7,100	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Ramp Edge								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX MINISCHOOL

Asset # : 13429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2032	$108,400	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$108,400	5	$300	
Raceway								
Conduit	100%			2032	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2031	$2,000	5		
Molded Case Bkrs	95%			2031	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2032	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$10,100	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$1,300	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	10%			2027	$2,100	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Basement								
Explanation : Bell, Horn, Strobes, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 118 - BX MINISCHOOL
Asset # : 13429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Furnace	100%			2032	$34,200	1	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Internal Package Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2030	$179,200	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Internal Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Exhaust Fans								
Interior	80%			2037	* *	2	$300	
Under Construction	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 118 - M (J. H. S. 118 - M)**		
Address	: **154 WEST 93 STREET BTWN: COLUMBUS AVE., AMSTERDAM A**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M118**
Program / Asset #	: **BOE0069.000 / 1695**	**Yr Built/Renovated**	: **1940 / 2010**
Area Sq Ft	: **140,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,6,7,8,Ph**		
Block	: **1223** **Lot** : **5**	**BIN**	: **1032522**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$152,400	$346,500
Interior Architecture	$923,800	$16,035,900
Electrical	$402,400	$1,326,700
Mechanical	$351,900	$2,631,600
Site Pavements	$96,600	$643,900
Total	**$1,927,100**	**$20,984,600**
Importance Code A	$213,400	$1,891,900
Importance Code B	$1,478,900	$18,296,300
Importance Code C	$234,800	$796,400
Total	**$1,927,100**	**$20,984,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$29,900			
Interior Architecture	$79,500	$24,300		$17,900
Electrical	$19,200	$30,400	$12,400	$9,500
Mechanical	$87,300	$53,400	$39,700	$23,100
Site Enclosure	$34,700			
Site Pavements	$79,100			
Elevators/Escalators	$31,600	$31,600	$31,600	$31,600
Total	**$361,200**	**$139,700**	**$83,700**	**$82,100**
Importance Code A	$29,900	$15,700	$13,900	$13,900
Importance Code B	$266,000	$124,000	$69,800	$68,200
Importance Code C	$65,300			
Total	**$361,200**	**$139,700**	**$83,700**	**$82,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$67,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Building								
Explanation : Entire Building Covered With Scaffolding And Safety Netting								
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Entire Building Covered With Scaffolding And Safety Netting								
Windows								
Aluminum	85%	Now	$87,400	2046	* *	5	$9,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass Block	10%			LIFE	* *	5	$1,300	
Steel	5%	Now	$8,100	2029	$81,100	5	$6,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Penthouse Mechanical Rooms								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$23,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Entire Building Covered With Scaffolding And Safety Netting								
Masonry: Limestone	15%			LIFE	* *	5	$5,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Entire Building Covered With Scaffolding And Safety Netting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	92%			2035	* *	10	$64,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	5%	Now	$11,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout Above Basement								
Copper/Terne	2%			2058	* *	10	$3,500	
Skylight, Metal/Glass	1%	Now	$9,900	2030	$198,300			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Stair Towers								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$34,800	LIFE	* *	5	$44,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	Now	$28,800	2033	$576,100	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets And Kitchen								
Terrazzo	5%			LIFE	* *	5	$8,000	
Vinyl Tile	35%	Now	$98,800	2030	$1,975,900	3	$26,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout Cafeteria, Auditorium, Classrooms, Corridors								
Vinyl Tile 9" X 9"	35%	Now	$252,500	2030	$12,623,700	3	$26,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Wood	10%			2045	* *	5	$38,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$55,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement, From Oil Tank Pit								
Ceramic Tile	5%	4+	$15,900	2033	$796,400	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Masonry: Limestone	2%			LIFE	* *			
Marble Panels	17%			LIFE	* *			
Plaster	50%	Now	$70,400	LIFE	* *	5	$43,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 705								
SGFT/Glazed Masonry	21%	4+	$109,300	LIFE	* *			
Horizontal Cracks, Extent : Light, Area Affected : 10%								
Location : Along Bullnose Course In Corridors Throughout								
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$10,200	
Exposed Struc: Concrete	45%	Now	$275,600	LIFE	* *	5	$14,400	
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	50%	Now	$62,200	LIFE	* *	5	$63,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : East Facing Classrooms On 6th, 7th And 8th Floors								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : East Facing Classrooms On 6th, 7th And 8th Floors								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2040	* *			
Iron Picket	45%	4+	$7,700	2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	5%	Now	$5,200	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : South Side Of Property								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : South Side Of Property								
Free Standing Walls								
Cast in Place Concrete	50%			2050	* *			
Masonry: Brick	50%	0-2	$21,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Ramps And Stairs Around Perimeter Of Property								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	60%	4+	$96,600	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	40%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$3,300	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	0-2	$11,400	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Lot								
Activity Yard								
Asphalt	70%	Now	$48,100	2033	$481,400			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	10%			2043	* *			
Rubber Matting	20%	Now	$16,300	2030	$162,500			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2030	$325,100	5	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Service Room								
Explanation : Two 1600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$292,600	5	$3,700	
Raceway								
Conduit	95%			2030	$274,400	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Molded Case Bkrs	70%			2029	$209,600	5	$2,600	
Molded Case Bkrs	20%			2046	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	2-4	$299,700	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2030	$79,900	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$145,200	5	$800	
Locally Mounted	20%			2047	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$102,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%	0-2	$8,300	2040	* *			
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Mechanical Spaces And Stairs								
LED	18%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasiums 1 and 2, Auditorium								
Explanation : LED Lights Were Installed About 3 Years Ago.								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$16,900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$15,700	
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$86,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$32,600	2040	* *	5	$21,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Explanation : Water Leaks Into Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$61,000	2028	$1,220,300	1	$124,800	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler No 1 And Boiler No 4 In Sub-basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 4 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$78,700	2040	* *	4	$6,900	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump In The Sub-basement								
Terminal Devices								
Air Handler	30%			2030	$790,400	1	$26,000	
Convector/Radiator	70%	Now	$40,100	2035	* *	1	$28,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Thermostatic Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2025	$212,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,100	
Exhaust Fans								
Interior	100%			2030	$620,900	2	$4,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : Duplex Pumps Serve House Tank								
Water Heater With Tanks								
Electric	50%			2025	$11,800	4		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : 1-120 Gallon Unit								
Gas Fired	50%			2028	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1-70 Gallon Unit								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$20,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$28,000	4	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Gearless Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Three Units From Basement To 7th Floor, One Unit From Basement To 8th Floor								
Explanation : 4 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement To 1st Floor								
Explanation : 1 UNIT								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$70,600	
Sprinkler								
No Component	70%							
Generic	30%			2050	* *	1-2	$11,800	
Chemical System								
Wet	2%			2028	$1,600	1-3	$1,700	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Basement								
Explanation : Over Range In Kitchen								
No Component	98%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 119 - Q**		
Address	: **74-01 78 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q119**
Program / Asset #	: **BOE0769.000 / 1557**	**Yr Built/Renovated**	: **1929 / 1999**
Area Sq Ft	: **101,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Apr-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3812** **Lot** : **20**	**BIN**	: **4092660**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,075,700	$58,400
Interior Architecture	$4,127,200	$953,800
Electrical	$475,400	$808,200
Mechanical	$1,242,800	$1,247,900
Total	**$7,921,100**	**$3,068,200**
Importance Code A	$2,075,700	$152,600
Importance Code B	$5,845,400	$2,915,600
Total	**$7,921,100**	**$3,068,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,500			$9,400
Interior Architecture	$47,300	$3,800		$26,500
Electrical	$8,300	$5,100	$6,400	$5,800
Mechanical	$135,900	$20,900	$27,000	$25,800
Site Enclosure	$11,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$255,100**	**$37,700**	**$41,400**	**$75,300**
Importance Code A	$56,400	$8,500	$8,500	$17,900
Importance Code B	$198,700	$29,200	$32,900	$57,400
Importance Code C				
Total	**$255,100**	**$37,700**	**$41,400**	**$75,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$36,800	
Masonry: Brick	62%	Now	$240,300	LIFE	* *	5	$58,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Masonry: Brick Cavity	30%			LIFE	* *	5	$28,200	
Masonry: Granite	3%	4+	$44,500	LIFE	* *	5	$2,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exit 1,2,3,4, Breakroom B5								
Windows								
Aluminum	100%	Now	$280,400	2045	* *	5	$14,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,100	
Masonry: Brick	50%	Now	$83,700	LIFE	* *	5	$6,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Masonry: Brick Cavity	30%			LIFE	* *	5	$4,000	
Metal Rail	10%			2042	* *	5-10	$23,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,200	
Roof								
Built-Up (BUR)	50%	Now	$533,900	2039	* *			1
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Lower Roof Over Kitchen And Cafeteria, Various Locations								
Single Ply Membrane	50%	Now	$937,300	2039	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : 1999 Wing								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 1999 Wing, Stair 7a, Throughout 3rd Floor, 3rd Floor Classrooms, Roof Of Link Between 1929 And 1999 Addition								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$66,200	
Ceramic Tile	5%			2038	* *	5	$7,600	
Quarry Tile	5%			2042	* *	5	$11,300	
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	20%			2034	* *	3	$11,300	
Vinyl Tile	20%	4+	$41,800	2029	$835,600	3	$11,300	
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%			2024	$4,003,900	3	$11,300	
Wood	10%			2057	* *	5	$28,400	

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DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$15,400	
Gypsum Board	15%			LIFE	* *	5	$23,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$34,600	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%	Now	$73,000	2049	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileSusp.Lay-In	20%	4+	$50,300	2042	* *	5	$15,100	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Science Room, Corridors In 1999 Wing Room 303								
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,500	
Gypsum Board	5%	4+	$2,600	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stairway 7a And 7b								
Plaster	55%			LIFE	* *	5	$52,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2049	* *			
Iron Picket	70%			2064	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$11,300	2064	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Areaways								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Asphalt	5%			2038	* *			
Cast in Place Concrete	95%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			
Activity Yard								
Asphalt	78%			2038	* *			
Cast in Place Concrete	20%			2034	* *			
Rubber Matting	2%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2039	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,200 Amperes And 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	60%			2029	$156,100	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Fused Disc Sw	40%			2039	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	70%			2029	$170,600	1		
Conduit	30%			2039	* *	1		
Panelboards								
Fused Disc Sw	5%			2028	$12,000	5	$100	
Fused Disc Sw	5%			2037	* *	5	$100	
Molded Case Bkrs	30%			2037	* *	5	$800	
Molded Case Bkrs	60%			2028	$143,700	5	$1,600	
Wiring								
Braided Cloth	60%	2-4	$205,100	2054	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing Of The Building								
Thermoplastic	40%			2039	* *	1		
Motor Controllers								
Locally Mounted	40%			2034	* *	5	$300	
Locally Mounted	60%			2027	$108,900	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$90,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2029	$84,800	10	$12,200	
Exit, Service	40%			2029	$17,400	1		
Exit, Service	10%	Now	$2,600	2039	* *	1		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Exit 1, Exit 2, Exit 9								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	15%			2029	$70,700	10		
HID	15%	Now	$70,700	2039	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Old Wing Of The Building								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$11,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Front And Rear Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2029	$182,400	1-3	$43,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways In The Old Wing And All Areas In The New Wing								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2049	* *	1		
Interruptible Gas/Dual Fuel	70%			2049	* *	1		
Conversion Equipment								
Furnace	30%	0-2	$4,700	2029	$94,300	1	$13,500	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : No. 1 And No. 8 Units, New Wing Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 13 Rooftop Units								
Steam Boiler	70%			2042	* *	1	$70,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	70%	0-2	$28,300	2029	$566,200			
Leak Evident, Extent : Moderate, Area Affected : 80%								
Location : Radiator Valve Connections, Throughout The Old Wing Classrooms								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Temperature Auto Control System, Throughout								
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Thermostats, Various Locations								
No Component	30%							
Terminal Devices								
Air Handler	15%			2024	$285,100	1	$9,400	
Convector/Radiator	55%			2027	$454,200	1	$17,900	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%	0-2	$25,500	2029	$509,100	2	$1,500	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : No. 1 And No. 8 Units, New Wing Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 13 Rooftop Units								
Window/Wall Unit	40%			2027	$153,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$39,400	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$16,900	
Exhaust Fans								
Interior	60%			2024	$268,800	2	$1,900	
Roof	40%			2029	$78,400	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$25,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up From Basement And 1st Floor Bathroom When It Rains Heavily								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	0-2	$7,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Room 112								
Sump Pump(s)								
Non-Submersible	100%			2029	$20,200	4	$3,200	
Backflow Preventer								
Generic	100%			2029	$45,100	1	$6,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From 1st To 4th Floor, One Unit From 1st To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2049	* *	1-5	$15,300	
Sprinkler								
No Component	70%							
Generic	30%			2039	* *	1-2	$8,500	
Chemical System								
Generic	100%			2024	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 125 - BX (J. H. S. 125 - BX)**		
Address	: **1111 PUGSLEY AVENUE @WATSON AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X125**
Program / Asset #	: **BOE0264.000 / 394**	**Yr Built/Renovated**	: **1952 / 2015**
Area Sq Ft	: **146,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3790** **Lot** : **40**	**BIN**	: **2025717**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$261,800	$102,400
Interior Architecture	$554,800	
Electrical	$592,500	$1,118,700
Mechanical	$1,132,300	$2,846,400
Total	**$2,541,400**	**$4,067,500**
Importance Code A	$261,800	$153,800
Importance Code B	$2,221,000	$3,913,700
Importance Code C	$58,600	
Total	**$2,541,400**	**$4,067,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,100			$13,000
Interior Architecture	$35,800		$22,300	$23,700
Electrical	$18,200	$4,300	$37,300	$2,900
Mechanical	$26,900	$6,700	$18,800	$15,500
Site Enclosure	$35,700			
Total	**$120,700**	**$11,100**	**$78,400**	**$55,200**
Importance Code A	$4,100		$300	$13,000
Importance Code B	$76,300	$11,100	$78,100	$42,200
Importance Code C	$40,300			
Total	**$120,700**	**$11,100**	**$78,400**	**$55,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$102,400	
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Windows								
Aluminum	90%			2047	* *	5	$26,100	
Steel	10%	Now	$130,800	2056	* *	5	$18,100	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : Auditorium Stairway A								
Deteriorated Finish, Extent : Severe, Area Affected : 20%								
Location : Stairway								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Stairway								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$16,600	
Metal Rail	2%			2044	* *	5-10	$6,700	
Pre-Cast Concrete	8%			LIFE	* *	5	$9,300	
Roof								
Modified Bitumen	100%	Now	$131,100	2036	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Cafeteria								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,000	
Ceramic Tile	3%	Now	$20,100	2034	* *	5	$3,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Panel/Paver: Bluestone	5%			LIFE	* *	5	$8,900	
Terrazzo	2%			LIFE	* *	5	$3,700	
Vinyl Tile	80%	Now	$104,900	2036	* *	3	$71,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Room 113								
Wood	5%			2059	* *	5	$22,300	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$9,300	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	65%	4+	$58,600	LIFE	* *	5	$36,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
SGFT/Glazed Masonry	20%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%			2036	* *	5	$44,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Cafeteria, Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Exposed Struc: Concrete	55%	4+	$391,300	LIFE	* *	5	$20,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Exit 11 And 12								
Metal Panel	5%			LIFE	* *	5	$14,800	
Plaster	25%			LIFE	* *	5	$37,100	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2051	* *			
Iron Picket	95%	4+	$35,700	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Perimeter Of Building								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2044	* *			
Masonry: Granite	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$600	
Raceway								
Conduit	100%			2031	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Fused Knife Sw	5%	2-4	$15,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2030	$224,500	5	$2,900	
Molded Case Bkrs	10%			2047	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2031	$79,900	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$127,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2036	* *			
Egress Lighting								
Emergency, Battery	45%			2026	$110,300	10	$15,900	
Emergency, Battery	5%			2036	* *	10	$1,800	
Exit, Service	25%			2026	$15,700	1		
Exit, Service	25%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$10,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$75,300	1-3	$18,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside The Building								
Explanation : Temporary Boiler Being Used								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Under Construction	100%							
Distribution								
Steam Piping/Pump	100%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Old Steam Piping Connected To Temporary Boiler								
Terminal Devices								
Air Handler	20%			2026	$549,500	1	$18,100	
Convector/Radiator	80%			2036	* *	1	$37,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	50%	0-2	$13,800	2029	$276,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 10 Percent Of Units Are Not Working Due To Mechanical And Electrical Defects								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,400	
Exhaust Fans								
Interior	90%			2026	$582,800	2	$4,000	
Roof	10%	0-2	$5,700	2031	$28,300	2	$400	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Explanation : Boys Bathroom Exhaust Fan Not Working Due To Mechanical/electrical Defect								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,863,900	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$706,000	4	$14,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$29,200	4	$3,100	
Backflow Preventer								
Generic	100%			2036	* *	1	$8,900	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2051	* *	1-2	$2,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 125 - Q**		
Address	: **46-02 47TH AVE. BTWN: 46 ST., 47 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q125**
Program / Asset #	: **BOE0773.000 / 1559**	**Yr Built/Renovated**	: **1925 / 2006**
Area Sq Ft	: **244,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2284** **Lot** : **6**	**BIN**	: **4052874**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,353,400	$373,500
Interior Architecture	$1,208,100	$307,300
Electrical	$273,400	$3,846,400
Mechanical	$138,700	$1,395,100
Total	**$2,973,600**	**$5,922,300**
Importance Code A	$1,353,400	$373,500
Importance Code B	$1,244,200	$5,304,200
Importance Code C	$376,000	$244,600
Total	**$2,973,600**	**$5,922,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,500		$51,600	$11,500
Interior Architecture			$22,600	$32,400
Electrical	$47,300	$27,700	$30,400	$25,900
Mechanical	$87,900	$116,000	$99,300	$54,500
Total	**$183,600**	**$143,700**	**$203,900**	**$124,200**
Importance Code A	$72,600	$24,700	$75,800	$35,600
Importance Code B	$111,000	$119,000	$128,100	$88,600
Importance Code C				
Total	**$183,600**	**$143,700**	**$203,900**	**$124,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	$48,500	LIFE	* *	5	$95,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Entry Entablature								
Cast Stone/Terra Cotta	4%			LIFE	* *	5	$76,100	
Masonry: Brick	50%			LIFE	* *	5	$121,800	
Masonry: Brick Cavity	33%			LIFE	* *	5	$80,400	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New 2015 Addition								
Masonry: Limestone	3%			LIFE	* *	5	$5,500	
Metal Panel	3%			2056	* *	5-10	$50,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New 2015 Addition								
Granite Panels	2%			LIFE	* *	5	$3,700	
Windows								
Aluminum	35%	Now	$1,274,100	2055	* *	5	$13,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Aluminum	35%			2046	* *	5	$26,700	
Aluminum	30%			2052	* *	5	$22,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$9,600	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$19,200	
Masonry: Brick	50%			LIFE	* *	5	$12,400	
Masonry: Brick Cavity	30%			LIFE	* *	5	$7,400	
Masonry: Limestone	3%			LIFE	* *	5	$900	
Metal Panel	2%			2056	* *	5	$1,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New 2015 Addition Connection Corridor Structure								
Roof								
Built-Up (BUR)	63%			2035	* *	10	$79,400	
Copper/Terne	2%			2058	* *	10	$6,300	
Modified Bitumen	5%			2038	* *	10	$6,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria Roof And 2015 Addition								
Plaza Roof: Stone Panels	30%			2056	* *			
Soffits								
Cast Stone/Terra Cotta	90%			LIFE	* *	5	$10,600	
Metal Panel	10%			2056	* *	5-10	$1,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$62,700	
Ceramic Tile	7%			2043	* *	5	$20,100	
Marble Panels	2%			LIFE	* *	5	$4,300	
Quarry Tile	3%			2047	* *	5	$12,900	
Traffic Topping	5%	Now	$205,000	2040	* *	5	$9,000	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Stair F								
Wrinkling, Extent : Severe, Area Affected : 100%								
Location : Stair F								
Vinyl Tile	13%			2035	* *	3	$14,000	
Vinyl Tile	50%			2038	* *	3	$53,700	
Wood	10%			2058	* *	5	$53,700	
Interior Walls								
Ceramic Tile	30%			2043	* *	5	$174,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$23,300	
Masonry: Brick	10%	Now	$221,900	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Entrance To Gymnasium								
Marble Panels	3%	Now	$154,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Broken Panel In Rear Of Auditorium, Stage Left								
Plaster	40%			LIFE	* *	5	$69,900	
SGFT/Glazed Masonry	7%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	$627,100	2050	* *	5	$40,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
AcousTileConcealSpLn	15%			2043	* *	5	$48,700	
AcousTileSusp.Lay-In	20%			2047	* *	5	$52,000	
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$48,700	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2056	* *			
Iron Picket	40%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2074	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%			2047	* *			
Pavers/Stone	10%			2043	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	20%			2039	* *			
Cast in Place Concrete	80%			2047	* *			
Activity Yard								
Asphalt	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	85%			2040	* *	1		
Conduit	15%			2030	$101,100	1		
Panelboards								
Fused Disc Sw	5%			2029	$31,900	5	$300	
Molded Case Bkrs	95%			2038	* *	5	$6,100	
Wiring								
Braided Cloth	15%	2-4	$134,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	85%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$1,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Stand-by Power								
Generators								
Diesel	100%	Now	$138,700	2045	* *	1	$85,000	
Abandoned In Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fuel Storage								
Main Tank	100%	Now	$30,800	2070	* *	5		
Abandoned In Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2030	$3,528,200	10	$217,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$27,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Building Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$150,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2056	* *	1		
Interruptible Gas/Dual Fuel	70%			2050	* *	1		
Conversion Equipment								
Steam Boiler	70%			2035	* *	1	$169,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers. 2 Heat Exchangers								
Steam Boiler	30%			2047	* *	1	$72,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	60%	0-2	$16,000	2038	* *	4	$7,200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Thermostats And Control Valves, Throughout Old Wing.								
Steam Piping/Pump	10%			2040	* *			
Steam Piping/Pump	30%			2056	* *			
Terminal Devices								
Air Handler	15%			2030	$688,800	1	$22,600	
Air Handler	25%			2038	* *	1	$37,700	
Convector/Radiator	55%			2035	* *	1	$43,300	
Convector/Radiator	5%			2047	* *	1	$3,900	
Air Conditioning								
Energy Source								
Electricity	70%			2046	* *	1		
Electricity	30%			2052	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2038	* *	1	$28,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : R-410a Refrigerant								
Split Unit	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : R-410a Refrigerant								
Window/Wall Unit	15%			2025	$138,700	1		
No Component	55%							
Distribution								
CW & CHW Wtr Pipe/Pump	25%			2056	* *	4	$4,500	
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2038	* *	1	$37,700	
Fan Coil - 2 Pipe	5%			2038	* *	1	$3,900	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2038	* *	2	$42,500	
Dry Cooler	5%			2038	* *	2	$8,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$95,200	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$40,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2030	$541,100	2	$3,700	
Roof	20%			2035	* *	2	$1,500	
Roof	30%			2038	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2040	* *	1		
Brass/Copper	30%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	70%			2025	$34,200	4	$5,400	
Non-Submersible	30%			2038	* *	4	$1,500	
Sewage Ejector(s)								
Electric	30%			2038	* *	4	$2,900	
No Component	70%							
Backflow Preventer								
Generic	70%			2035	* *	1	$10,500	
Generic	30%			2038	* *	1	$4,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Basement To 5th Floor							
	Explanation : 2 Units In New Wing							
Fire Suppression								
Standpipe								
Generic	70%			2040	* *	1-5	$86,100	
Generic	30%			2056	* *	1-5	$36,900	
Sprinkler								
No Component	65%							
Generic	5%			2050	* *	1-2	$3,400	
Generic	30%			2056	* *	1-2	$20,500	
Fire Pump								
Generic	45%	0-2	$5,200	2033	$104,800	1	$18,500	
	Leak Evident, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
Generic	55%			2043	* *	1	$25,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 126 - Q**
Address : **31-51 21 STREET BTWN: 31 DR., 31 RD.**
Borough : **QUEENS**
Agency's Number : **Q126**
Program / Asset # : **BOE0774.000 / 1560**
Yr Built/Renovated : **1925 / 2010**
Area Sq Ft : **116,000**
Project Type : **EDUCATION**
Date of Survey : **23-Jan-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **553** **Lot** : **1** **BIN** : **4006382**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,494,100	$240,500
Interior Architecture	$1,388,800	$410,700
Electrical	$401,700	$2,870,800
Mechanical	$1,571,300	$3,073,200
Site Pavements	$91,000	$839,400
Total	**$4,946,800**	**$7,434,600**
Importance Code A	$1,494,100	$1,303,000
Importance Code B	$3,452,700	$5,990,700
Importance Code C		$140,900
Total	**$4,946,800**	**$7,434,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$10,400	$5,000		$12,000
Electrical	$4,800	$4,100	$3,300	$3,900
Mechanical	$142,200	$84,300	$26,300	$16,300
Total	**$157,400**	**$93,300**	**$29,500**	**$32,200**
Importance Code A	$49,600	$11,700	$11,500	$11,500
Importance Code B	$97,400	$81,600	$18,000	$20,700
Importance Code C	$10,400			
Total	**$157,400**	**$93,300**	**$29,500**	**$32,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,500	
Masonry: Brick	87%	4+	$273,300	LIFE	* *	5	$166,000	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : 23rd Street Facade								
Masonry: Granite	5%	4+	$75,100	LIFE	* *	5	$7,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into Basement At 31st Drive								
Masonry: Marble	3%			LIFE	* *	5	$4,300	
Windows								
Aluminum	100%	Now	$1,060,600	2046	* *	5	$27,800	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout Classrooms								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$17,700	
Metal Rail	5%			2043	* *	5-10	$18,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$13,100	
Roof								
Built-Up (BUR)	100%			2035	* *	10	$85,100	
Soffits								
Masonry: Marble	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,400	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Boiler Pit								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Boilet Pit								
Explanation : Ground Water Penetration								
Ceramic Tile	3%			2033	$269,800	5	$4,800	
Ceramic Tile	2%			2043	* *	5	$3,200	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Toilet Room								
Marble Panels	2%			LIFE	* *	5	$2,400	
Traffic Topping	3%	Now	$68,500	2040	* *	5	$3,000	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile 9" X 9"	60%	Now	$844,600	2040	* *	3	$35,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : 407, Corridor 5th, 4th And 1st Floors								
Wood	25%	Now	$475,700	2045	* *	5	$37,400	
Misaligned/Bulging, Extent : Light, Area Affected : 25%								
Location : Classrooms, Gymnasium, 309								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms, Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2033	$140,900	5	$2,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,700	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$12,800	
Plaster	10%	Now	$10,400	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs 2 And 3, Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs 2 And 3, Classrooms								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2035	* *	5	$9,900	
Exposed Struc: Concrete	20%			LIFE	* *	5	$3,100	
Metal Panel	5%			LIFE	* *	5	$6,200	
Plaster	63%			LIFE	* *	5	$39,000	
Plaster	2%			LIFE	* *	5	$1,200	
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2040	* *			
Iron Picket	50%			2050	* *			
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$91,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 21st Street								
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	100%			2033	$839,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	80%			2030	$195,000	1		
Conduit	20%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$300	
Molded Case Bkrs	50%			2029	$119,700	5	$1,500	
Molded Case Bkrs	40%			2038	* *	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$239,300	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2030	$102,600	1		
Motor Controllers								
Locally Mounted	50%			2035	* *	5	$400	
Locally Mounted	50%			2028	$90,700	5	$400	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$1,694,600	10	$104,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$97,400	10	$14,000	
Exit, Service	50%			2030	$25,000	1		
Exterior Lighting								
HID	30%			2025	$162,400	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$65,300	1	$13,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$89,800	1-3	$22,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$269,700	5	$35,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	20%	0-2	$40,400	2028	$202,200	1	$20,700	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Wall Bricks And Floors Of The Units, Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Safety Valves, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	80%			2028	$808,900	1	$91,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	40%	0-2	$7,400	2030	$371,600			
Broken, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Motors, And Refeed Tank Motor, Boiler Room								
Steam Piping/Pump	60%			2030	$557,300			
Terminal Devices								
Air Handler	20%	0-2	$8,700	2030	$436,600	1	$12,900	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Flexible Connections At Basement								
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Temperature Controller Of Auditorium Unit.								
Convector/Radiator	45%	0-2	$8,500	2028	$426,900	1	$15,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control Valves, Various Classrooms 200, 213, 501,504, 505, 510, 512.								
Fan Coil Unit/Heat	9%	0-2	$12,900	2025	$258,800	1	$3,000	
Controller Not Working, Extent : Moderate, Area Affected : 70%								
Location : Thermostats And Motors, Various Classrooms								
Fan Coil Unit/Heat	21%			2025	$604,000	1	$7,900	
Unit Heater - Steam	5%	0-2	$1,600	2025	$33,000	4	$500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Coils Leak, Various Locations On 1st Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$26,400	2025	$87,900	1		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	30%			2025	$131,800	1		
No Component	50%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,700	
Exhaust Fans								
Interior	25%	0-2	$2,600	2025	$128,600	2	$700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Basement								
Interior	70%			2025	$360,100	2	$2,500	
Roof	5%			2030	$11,300	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$3,000	2040	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room								
Brass/Copper	90%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$20,500	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Underneath Auditorium And Cafeteria								
Sump Pump(s)								
Non-Submersible	100%			2030	$23,200	4	$2,500	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : 2nd, 3rd And 4th Floor Restrooms								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$48,100	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 127 - BX**				
Address	: **1560 PURDY STREET @ST. RAYMONDS AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X127**
Program / Asset #	: **BOE0266.000 / 396**			**Yr Built/Renovated**	: **1953 / 2000**
Area Sq Ft	: **128,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jan-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3**				
Block	: **3948**	**Lot**	: **55**	**BIN**	: **2041247**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$196,800	$123,000
Interior Architecture	$16,300,500	$1,977,700
Electrical	$830,700	$660,100
Mechanical	$1,611,600	$3,506,600
Total	**$18,939,600**	**$6,267,300**
Importance Code A	$196,800	$1,290,000
Importance Code B	$18,671,000	$4,977,300
Importance Code C	$71,800	
Total	**$18,939,600**	**$6,267,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,300		$12,800	
Interior Architecture	$94,200	$8,500	$4,900	$10,900
Electrical	$42,400	$3,400	$38,500	$3,300
Mechanical	$61,100	$23,700	$102,100	$32,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$226,800**	**$43,400**	**$166,100**	**$54,700**
Importance Code A	$34,000	$12,700	$25,800	$12,700
Importance Code B	$192,900	$30,800	$140,400	$42,100
Importance Code C				
Total	**$226,800**	**$43,400**	**$166,100**	**$54,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	82%			LIFE	* *	5	$112,000	
Masonry: Brick	8%	Now	$90,000	LIFE	* *	5	$10,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Elevator Shaft, Chimney, Bulkheads, Student Cafeteria								
Masonry: Limestone	5%			LIFE	* *	5	$5,100	
Metal Panel	5%			2041	* *	5-10	$47,000	
Windows								
Aluminum	90%	0-2	$106,800	2047	* *	5	$11,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Classrooms								
Glass Block	5%	Now	$13,500	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Boys Gymnasium, Room 100								
Metal Louvers	5%			2044	* *	10	$7,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Bulkheads								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$7,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall								
Masonry: Limestone	5%			LIFE	* *	5	$600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Metal Security Bars	10%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapets								
Explanation : Construction Work In Progress								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Roof								
Under Construction	100%							
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%	Now	$23,200	LIFE	* *	5	$29,800	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Student Cafeteria								
Ceramic Tile	5%	Now	$27,400	2040	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Room 106								
Terrazzo	3%			LIFE	* *	5	$4,600	
Vinyl Tile	35%			2031	$1,880,500	3	$25,500	
Vinyl Tile 9" X 9"	45%	Now	$308,900	2026	$15,446,600	3	$32,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%	0-2	$29,000	2046	* *	5	$9,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Water Fountain								
Explanation : Water Damage								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	20%	Now	$71,800	LIFE	* *	5	$8,900	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Student Cafeteria								
Plaster	45%			LIFE	* *	5	$19,900	
SGFT/Glazed Masonry	27%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2044	* *	5	$29,200	
AcousTileSusp.Lay-In	5%			2036	* *	5	$9,700	
Plaster	80%	Now	$473,200	LIFE	* *	5	$97,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Room 148 And Throughout 3rd Floor								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Perimeter Of School								
Explanation : Construction Netting Covering Fencing								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%			2044	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Activity Yards Being Used As Staging Areas								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Fused Disconnect Switch. No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	10%			2041	* *	5	$100	
Fused Knife Sw	90%	2-4	$234,100	2061	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Fused Knife Sw	10%	2-4	$29,900	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	50%	2-4	$149,700	2056	* *	5	$700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Molded Case Bkrs	20%			2030	$59,900	5	$700	
Molded Case Bkrs	10%			2039	* *	5	$300	
Wiring								
Braided Cloth	80%	2-4	$273,500	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2041	* *	1		
Thermoplastic	10%			2031	$34,200	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$900	
Ground								

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DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,900	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	97%			2039	* *	10	$113,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2039	* *			
Egress Lighting								
Emergency, Battery	25%			2026	$53,700	10	$7,700	
Emergency, Battery	25%	Now	$53,700	2041	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Exit, Service	50%			2026	$27,600	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$14,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$66,000	2041	* *	1-3	$14,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$297,600	5	$39,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3 Oil Tanks 7,500 Gallons Each.								
No Access To Roof At This Time Due To Ongoing Construction								

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DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2029	$1,115,700	1	$126,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Separate Basement								
Explanation : 3 Units. Two Boiler Rooms, 2 Units In Old Wing, 1 Unit In Newer Addition								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$180,000	2041	* *	4	$6,300	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement And First Floor								
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : Steam Traps And Thermostats, Various Locations								
Terminal Devices								
Air Handler	20%			2026	$481,800	1	$15,800	
Convector/Radiator	60%			2029	$628,000	1	$24,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Radiators In Various Locations								
Fan Coil Unit/Heat	20%			2026	$634,700	1	$8,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2031	$304,000			
Window/Wall Unit	65%			2026	$315,200	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,400	
Exhaust Fans								
Interior	60%			2031	$340,600	2	$2,400	
Not Accessible	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$32,900	2041	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main In Basement								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$618,900	4	$12,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$5,100	2026	$25,600	4	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Broken Original Pump. Temporary Pump Is Being Used								
Sewage Ejector(s)								
Electric	100%			2031	$67,000	4	$5,100	
Vertical Transport								
Elevators								
Geared Traction	60%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Hydraulic	40%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement To 2nd Floor								
Explanation : 1 Elevator Decommissioned								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$53,100	1-2	$1,100	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 129 - BX PAIRED WITH P. S. 234 - BX**		
Address	: **2055 MAPES AVENUE BTWN: EAST 179 ST., EAST 180 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X129**
Program / Asset #	: **BOE0316.000 / 374**	**Yr Built/Renovated**	: **1971 / 2011**
Area Sq Ft	: **129,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3109** **Lot** : **1**	**BIN**	: **2012957**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$914,100	$403,400
Interior Architecture	$7,719,000	$3,265,000
Electrical	$347,600	$1,101,700
Mechanical	$1,016,700	$2,481,200
Site Pavements	$142,200	
Total	**$10,139,500**	**$7,251,300**
Importance Code A	$1,588,700	$454,800
Importance Code B	$8,230,800	$6,796,500
Importance Code C	$320,000	
Total	**$10,139,500**	**$7,251,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,000		$13,900	
Interior Architecture	$93,000	$14,200	$8,800	$14,800
Electrical	$5,100	$44,800	$4,500	$3,600
Mechanical	$66,400	$40,800	$31,100	$20,600
Site Enclosure	$24,200			
Site Pavements	$37,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$251,300**	**$103,700**	**$62,200**	**$42,900**
Importance Code A	$21,000	$13,100	$26,700	$12,800
Importance Code B	$192,900	$90,600	$26,800	$30,200
Importance Code C	$37,400		$8,800	
Total	**$251,300**	**$103,700**	**$62,200**	**$42,900**

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DEPARTMENT OF EDUCATION - 040

I. S. 129 - BX PAIRED WITH P. S. 234 - BX

Asset # : 374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$219,500	
Masonry: Brick Cavity	75%			LIFE	* *	5	$131,700	
Windows								
Aluminum	99%			2046	* *	5	$27,800	
Metal Louvers	1%			2039	* *	10	$1,800	
Parapets								
Masonry: Brick	50%	Now	$21,000	LIFE	* *	5	$8,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Inside Face								
Pre-Cast Concrete	50%			LIFE	* *	5	$52,100	
Roof								
IRMA/Protected Membrane	100%	Now	$914,100	2040	* *			
Debris Present, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Insul Miss/Displaced, Extent : Severe, Area Affected : 45%								
Location : Throughout								
Vegetation Growth, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%	Now	$33,500	LIFE	* *	5	$43,100	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	Now	$222,100	2045	* *	5	$4,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Toilet Rooms								
Vinyl Tile	60%	Now	$65,300	2030	$3,265,000	3	$44,300	
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Throughout, Room 300								
Vinyl Tile 9" X 9"	20%			2025	$6,953,100	3	$14,800	
Wood	5%			2045	* *	5	$18,500	

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DEPARTMENT OF EDUCATION - 040
I. S. 129 - BX PAIRED WITH P. S. 234 - BX
Asset # : 374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$231,700	2045	* *	5	$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Toilet Rooms								
Concrete Masonry Unit	5%	2-4	$13,200	LIFE	* *	5	$2,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Folding Partition	5%			2046	* *	5	$17,500	
Plaster	50%			LIFE	* *	5	$21,100	
SGFT/Glazed Masonry	35%	Now	$88,300	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Stair B								
Ceilings								
AcousTile,Adhered	20%	Now	$63,400	2043	* *	5	$19,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	30%	Now	$95,100	2043	* *	5	$36,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 1st Floor And 3rd Floor								
AcousTileSusp.Lay-In	10%	Now	$16,400	2035	* *	5	$9,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	30%			LIFE	* *	5	$9,200	
Metal Panel	5%			LIFE	* *	5	$12,300	
Plaster	5%	Now	$30,000	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Girls Toilet								
Site Enclosure								
Fence/Gates								
Chain Link	70%	Now	$20,400	2050	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Perimeter Of School								
Iron Picket	30%	2-4	$3,800	2065	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Mapes Avenue								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$35,700	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Prospect Avenue								

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DEPARTMENT OF EDUCATION - 040
I. S. 129 - BX PAIRED WITH P. S. 234 - BX
Asset # : 374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	90%			2039	* *			
Cast in Place Concrete	10%			2043	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	90%	Now	$142,200	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout Play Yard								
Rubber Matting	10%	0-2	$1,900	2035	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Play Yard Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$234,100	5	$500	
Fused Disc Sw	10%			2050	* *	5	$100	
Raceway								
Conduit	5%			2050	* *	1		
Conduit	95%			2030	$231,500	1		
Panelboards								
Fused Disc Sw	8%			2029	$24,000	5	$200	
Fused Disc Sw	2%			2046	* *	5	$100	
Molded Case Bkrs	10%			2046	* *	5	$300	
Molded Case Bkrs	80%			2029	$239,500	5	$2,700	
Wiring								
Braided Cloth	70%	2-4	$239,300	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	20%			2030	$68,400	1		
Motor Controllers								
Locally Mounted	90%			2028	$163,300	5	$800	
Locally Mounted	10%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 129 - BX PAIRED WITH P. S. 234 - BX
Asset # : 374

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$113,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$108,300	10	$15,600	
Exit, Service	45%			2025	$25,000	1		
Exit, Service	5%			2035	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$14,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside And Exit Doors								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$23,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$300,000	5	$40,000	
Conversion Equipment								
Steam Boiler	100%	2-4	$674,600	2050	* *	1	$115,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Leaks From Burners								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Repairs In Progress, Extent : N/A, Area Affected : 50%								
Location : Retubing On No.1 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 129 - BX PAIRED WITH P. S. 234 - BX
Asset # : 374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$20,700	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2030	$485,500	1	$16,000	
Convector/Radiator	70%	0-2	$14,800	2035	* *	1	$26,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fan Coil Unit/Heat	10%			2030	$319,800	1	$4,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	10%			2035	* *			
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit On Cafeteria Roof								
Window/Wall Unit	70%			2025	$342,100	1		
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2035	* *	1	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Covers Auditorium								
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	* *	2	$9,000	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,900	
Exhaust Fans								
Interior	15%			2030	$85,800	2	$600	
Roof	85%	0-2	$21,300	2030	$212,800	2	$2,700	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2040	* *	1		
Galvanized Steel	60%			2028	$988,100	1		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$19,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 129 - BX PAIRED WITH P. S. 234 - BX
Asset # : 374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$25,800	4	$2,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : All Sinks, Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$89,200	1-2	$1,800	
Chemical System								
No Component	99%							
Generic	1%			2028	$2,600	1-3	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 131 - BX**		
Address	: **885 BOLTON AVENUE @STORY AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X131**
Program / Asset #	: **BOE0269.000 / 397**	**Yr Built/Renovated**	: **1966 / 2011**
Area Sq Ft	: **154,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3644** **Lot** : **1**	**BIN**	: **2103869**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$230,100	$182,100
Interior Architecture	$16,771,200	$103,200
Electrical	$495,900	$947,800
Mechanical	$136,600	$1,017,200
Total	**$17,633,900**	**$2,250,300**
Importance Code A	$230,100	$233,500
Importance Code B	$17,403,700	$1,965,200
Importance Code C		$51,500
Total	**$17,633,900**	**$2,250,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,500			$9,900
Interior Architecture	$105,900	$4,700	$41,300	$19,200
Electrical	$4,000	$4,500	$35,500	$3,900
Mechanical	$78,300	$33,700	$34,600	$22,300
Total	**$192,600**	**$42,800**	**$111,400**	**$55,200**
Importance Code A	$19,700	$15,300	$15,600	$25,100
Importance Code B	$165,100	$22,900	$95,800	$30,100
Importance Code C	$7,800	$4,700		
Total	**$192,600**	**$42,800**	**$111,400**	**$55,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$115,800	
Pre-Cast Concrete	15%			LIFE	* *	5	$66,400	
Windows								
Aluminum	98%			2047	* *	5	$19,700	
Metal Louvers	2%			2040	* *	10	$2,500	
Parapets								
Masonry: Brick Cavity	5%			LIFE	* *	5	$200	
Metal Rail	10%			2044	* *	5-10	$7,300	
Pre-Cast Concrete	85%			LIFE	* *	5	$21,700	
Roof								
Copper/Terne	5%			2059	* *	10	$13,100	
Modified Bitumen	95%			2036	* *	10	$99,300	
Soffits								
Stucco Cement	100%	2-4	$130,900	2044	* *	5	$37,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Interior								
Floors								
Carpet	10%			2030	$417,500	3	$47,200	
Cast in Place Concrete	10%	4+	$40,200	LIFE	* *	5	$51,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Sump Room And Alarm Panel Room								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Sump Room								
Explanation : Ground Water Penetration								
Ceramic Tile	3%			2044	* *	5	$7,100	
Ceramic Tile	2%	Now	$106,500	2046	* *	5	$2,400	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 1st Floor Staff And Student Toilet Rooms								
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	25%			2036	* *	3	$29,500	
Vinyl Tile 9" X 9"	40%			2026	$16,664,800	3	$35,400	
Wood	5%	0-2	$35,200	2046	* *	5	$11,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Gymnasium And Stage								
Interior Walls								
Ceramic Tile	3%			2040	* *	5	$9,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$12,500	
Folding Partition	2%			2039	* *	5	$15,600	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$51,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2036	* *	5	$47,200	
AcousTileSusp.Lay-In	5%			2036	* *	5	$11,800	
Exposed Struc: Concrete	65%			LIFE	* *	5	$24,000	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	7%			LIFE	* *	5	$10,300	
Site Enclosure								
Fence/Gates								
Chain Link	2%			2051	* *			
Iron Picket	70%			2066	* *			
Metal: Cage/Fence	28%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roofs								
Explanation : Fence Railing With Mesh Panels								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	88%			2044	* *			
Masonry: Brick	10%			2051	* *			
Masonry: Granite	2%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere And One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$700	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$400	
Molded Case Bkrs	70%			2030	$209,600	5	$2,800	
Molded Case Bkrs	20%			2047	* *	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$79,900	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	30%			2029	$54,400	5	$300	
Locally Mounted	70%			2044	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$135,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	20%			2026	$51,700	10	$7,400	
Emergency, Battery	30%			2036	* *	10	$11,200	
Exit, Service	30%			2036	* *	1		
Exit, Service	20%			2026	$13,300	1		
Exterior Lighting								
HID	20%			2036	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2026	$28,900	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$19,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bell And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$152,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units Natural Gas Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$11,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room Vacuum Pumping System Is Outfitted With New Motors, Throughout, New Steam Traps Installed.								
Terminal Devices								
Air Handler	20%			2031	$579,600	1	$19,100	
On Extended Life, Extent : Light, Area Affected : 20%								
Location : Second Floor Fan Room								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Fan Room, Repaired Climate Control System								
Convector/Radiator	80%			2036	* *	1	$39,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout, Repaired Climate Control System								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various								
Explanation : 3 Units								
Window/Wall Unit	75%			2029	$437,600	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%	0-2	$6,800	2026	$136,600	2	$800	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Gymnasium Exhaust Fan Burnt Motor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Fan Room								
Roof	80%	0-2	$23,900	2036	* *	2	$3,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof, One Bathroom Exhaust Fan Burnt Motor								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	5%	0-2	$19,700	2051	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement, Deteriorating Water Main, Main Valves Do Not Hold.								
Galvanized Steel	75%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$22,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$6,200	2031	$30,800	4	$3,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement. Defective Pump Motor								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$8,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 135 - BX (J. H. S. 135 - BX)**
Address : **2441 WALLACE AVENUE @MACE AVENUE**
Borough : **BRONX**
Agency's Number : **X135**
Program / Asset # : **BOE0272.000 / 400**
Yr Built/Renovated : **1955 / 2011**
Area Sq Ft : **136,000**
Project Type : **EDUCATION**
Date of Survey : **06-Feb-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4432** **Lot** : **1**
BIN : **2051313**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$216,700
Interior Architecture	$11,255,100	$2,914,700
Electrical	$656,800	$929,200
Mechanical	$1,059,500	$657,600
Total	**$12,971,400**	**$4,718,300**
Importance Code A		$252,700
Importance Code B	$12,971,400	$4,414,800
Importance Code C		$50,800
Total	**$12,971,400**	**$4,718,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,800		$18,700	$24,000
Interior Architecture	$33,400	$1,000		$20,700
Electrical	$27,100	$5,200	$21,600	$4,900
Mechanical	$64,400	$25,100	$111,400	$31,800
Site Pavements	$18,800			
Total	**$200,400**	**$31,300**	**$151,600**	**$81,500**
Importance Code A	$86,000	$13,500	$32,400	$37,500
Importance Code B	$94,900	$17,800	$119,200	$44,000
Importance Code C	$19,500			
Total	**$200,400**	**$31,300**	**$151,600**	**$81,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$94,000	
Masonry: Limestone	6%			LIFE	* *	5	$5,000	
Metal Panel	9%			2051	* *	5-10	$68,400	
Windows								
Aluminum	100%			2047	* *	5	$48,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick	85%	0-2	$33,800	LIFE	* *	5	$13,300	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Throughout								
Horizontal Cracks, Extent : Light, Area Affected : 15%								
Location : Underside Of Coping								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout Interior Face								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Lintels Rear Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Interior Parapet Wall								
Metal Rail	5%			2044	* *	5-10	$14,200	
Pre-Cast Concrete	10%	Now	$2,600	LIFE	* *	5	$9,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Metal Panel	5%			2044	* *	10	$11,800	
Modified Bitumen	95%			2039	* *	10	$122,700	
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$36,300	
Ceramic Tile	4%			2034	* *	5	$8,300	
Ceramic Tile	1%			2040	* *	5	$2,100	
Terrazzo	2%			LIFE	* *	5	$3,200	
Vinyl Tile	50%	4+	$57,300	2031	$2,863,900	3	$38,900	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor								
Vinyl Tile 9" X 9"	30%	Now	$219,600	2026	$10,978,200	3	$23,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Stair Landings, Classrooms								
Wood	5%			2059	* *	5	$19,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%			2034	* *	5	$8,900	
Ceramic Tile	1%			2044	* *	5	$2,200	
Concrete Masonry Unit	57%			LIFE	* *	5	$50,800	
Folding Partition	5%			2039	* *	5	$27,900	
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	3%			LIFE	* *	5	$2,000	
SGFT/Glazed Masonry	28%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%			2048	* *	5	$51,800	
Exposed Struc: Concrete	40%			LIFE	* *	5	$13,000	
Fiber Board	5%			2036	* *			
Plaster	30%			LIFE	* *	5	$38,900	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2051	* *			
Chain Link	20%			2041	* *			
Iron Picket	20%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$18,800	2044	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Wallace Avenue								
On-Site Walkways								
Cast in Place Concrete	90%			2044	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2034	* *			
Activity Yard								
Asphalt	80%			2040	* *			
Pavers/Stone	15%			2040	* *			
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$36,000	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Fused Disc Sw	30%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2051	* *	5	$300	
Molded Case Bkrs	50%			2031	$146,300	5	$1,800	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$300	
Fused Knife Sw	5%	2-4	$15,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2030	$224,500	5	$2,700	
Molded Case Bkrs	10%			2047	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$500	
Locally Mounted	50%	2-4	$54,400	2051	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$122,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$16,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	15%			2031	$95,200	10	$100	
HID	15%	Now	$95,200	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Not Functional								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$76,600	1	$15,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$105,200	2041	* *	1-3	$22,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Gymnasium, Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$42,100	
Conversion Equipment								
Steam Boiler	15%	Now	$17,800	2036	* *	1	$18,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Deteriorated Insulation, Boiler No. 2								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Boiler No.2 Safety Valve Malfunctioning								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Boiler Room								
Explanation : 3 Units								
Steam Boiler	85%			2036	* *	1	$114,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Steam Piping/Pump	100%			2057	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%	Now	$51,200	2036	* *	1	$7,600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Classroom Exhaust Fan Defective Motor								
Convector/Radiator	30%	Now	$200,200	2051	* *	1	$11,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Radiator On 2nd Floor								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Occupied Spaces, Defective Temperature Control System								
Convector/Radiator	60%			2036	* *	1	$26,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2036	* *			
Window/Wall Unit	60%	Now	$6,200	2026	$309,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : One Window Unit Not Working Due To Defective Mechanical Components								
No Component	35%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$94,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,800	
Exhaust Fans								
Interior	20%			2026	$120,600	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Auditorium And Lunch Room								
Roof	80%			2026	$211,100	2	$3,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$657,600	4	$13,400	
Sanitary Piping								
Cast Iron	100%	0-2	$85,700	LIFE	* *	1		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basememt								
Explanation : Leaking Sanitary Piping At Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2026	$27,200	4	$2,900	
Backflow Preventer								
Generic	100%			2036	* *	1	$8,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$3,800	
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 136 - BK (J. H. S. 136 - BK)**		
Address	: **4004 4TH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K136**
Program / Asset #	: **BOE0441.000 / 1369**	**Yr Built/Renovated**	: **1901 / 1999**
Area Sq Ft	: **120,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4**		
Block	: **713** **Lot** : **20**	**BIN**	: **3010580**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$550,300	
Interior Architecture	$3,079,600	$2,643,900
Electrical	$393,200	$599,400
Mechanical	$1,712,100	$3,181,300
Total	**$5,735,200**	**$6,424,500**
Importance Code A	$550,300	$1,045,900
Importance Code B	$5,185,000	$5,378,600
Total	**$5,735,200**	**$6,424,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,100			
Interior Architecture	$56,900	$6,100	$37,400	$12,000
Electrical	$9,200	$3,800	$18,400	$4,300
Mechanical	$37,300	$19,700	$59,700	$20,900
Total	**$115,500**	**$29,600**	**$115,500**	**$37,200**
Importance Code A	$24,000	$11,900	$12,100	$11,900
Importance Code B	$70,800	$15,600	$103,300	$25,300
Importance Code C	$20,800	$2,100		
Total	**$115,500**	**$29,600**	**$115,500**	**$37,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Under Construction	100%							
Windows								
Aluminum	88%	Now	$466,600	2039	* *	5	$24,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	2%	Now	$12,100	LIFE	* *	5	$700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Steel	10%	Now	$83,600	2039	* *	5	$34,800	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : 1956 Addition								
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,400	
Ceramic Tile	5%			2040	* *	5	$8,000	
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	60%	Now	$264,400	2031	$2,643,900	3	$35,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Corridor And Classrooms								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Classrooms								
Vinyl Tile 9" X 9"	10%			2026	$2,815,200	3	$6,000	
Wood	15%			2046	* *	5	$44,900	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$4,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,400	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$20,800	LIFE	* *	5	$12,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	17%			2036	* *	5	$21,100	
AcousTileSusp.Lay-In	5%			2036	* *	5	$5,000	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,500	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	3%			LIFE	* *	5	$3,700	
Plaster	60%	Now	$36,200	LIFE	* *	5	$37,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 401, 408, 454, Corridor Near Stair 4 On Fourth Floor								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2036	* *			
Pavers/Stone	5%			2034	* *			
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2061	* *	5	$500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2061	* *	5	$500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2031	$195,000	1		
Conduit	20%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Toggle Switch	50%	2-4	$119,700	2056	* *	5	$700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2047	* *	5	$300	
Molded Case Bkrs	30%			2030	$71,800	5	$900	
Molded Case Bkrs	5%	0-2	$4,800	2053	* *	5	$100	
Suspect Water Damage, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room Panel								
Wiring								
Braided Cloth	80%	2-4	$273,500	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	30%			2044	* *	5	$200	
Locally Mounted	70%			2029	$127,000	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	85%			2039	* *	10	$93,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	15%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$14,500	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$112,000	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2039	* *	1-3	$22,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$37,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : For Dual Fuel, But Gas Not Installed								
Conversion Equipment								
Steam Boiler	100%			2029	$1,045,900	1	$118,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$19,200	2031	$960,900			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum And Boiler Feed Pumps. Basement								
Terminal Devices								
Air Handler	20%	Now	$90,300	2026	$451,600	1	$13,400	
Noisy/Vibrating, Extent : Severe, Area Affected : 40%								
Location : Faulty Bearings At Cafeteria Blower, Basement								
Not in Service, Extent : Severe, Area Affected : 60%								
Location : Gymnasium Blower, Basement								
Convector/Radiator	80%			2029	$785,000	1	$31,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2026	$363,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$26,800	
No Component	60%							
Exhaust Fans								
Interior	100%	Now	$159,700	2026	$532,200	2	$2,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof Fan Room								
Explanation : E F - 1a, Toilet Exhaust, Constantly Trips. E F - 1b, House Exhaust, Out Of Service.								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$306,400	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2031	$24,000	4	$2,500	
Backflow Preventer								
Generic	100%			2036	* *	1	$7,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$83,000	1-2	$1,700	
Fire Pump								
Generic	100%			2027	$114,600	1	$22,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 136 - M**		
Address	: **6 EDGECOMBE AVENUE @ W.135 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M136**
Program / Asset #	: **BOE0082.000 / 1728**	**Yr Built/Renovated**	: **1925 / 2013**
Area Sq Ft	: **113,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1960** **Lot** : **1**	**BIN**	: **1059460**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,192,200	$1,129,700
Interior Architecture	$14,620,300	$1,563,400
Electrical		$3,229,500
Mechanical	$607,900	$4,839,400
Site Enclosure	$433,700	
Site Pavements	$325,100	
Total	**$19,179,200**	**$10,762,000**
Importance Code A	$3,192,200	$1,181,100
Importance Code B	$15,553,300	$9,580,900
Importance Code C	$433,700	
Total	**$19,179,200**	**$10,762,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,300		$27,800	
Interior Architecture	$137,300		$7,500	$13,000
Electrical	$52,300	$10,600	$10,700	$14,100
Mechanical	$98,300	$16,800	$25,100	$15,600
Site Pavements	$30,500			
Total	**$374,700**	**$27,400**	**$71,100**	**$42,700**
Importance Code A	$67,500	$11,200	$39,000	$11,200
Importance Code B	$201,800	$16,200	$32,100	$31,500
Importance Code C	$105,400			
Total	**$374,700**	**$27,400**	**$71,100**	**$42,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$149,100	
Masonry: Brick	90%	Now	$2,827,700	LIFE	* *	5	$171,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Outside Rooms 514, 460, 412, 407 And 258								
Masonry: Granite	3%			LIFE	* *	5	$8,600	
Masonry: Marble	2%			LIFE	* *	5	$5,700	
Windows								
Aluminum	100%			2041	* *	5	$55,600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$29,600	
Masonry: Brick	93%			LIFE	* *	5-10	$132,700	
Metal Panel	2%			2043	* *	5	$1,600	
Roof								
Modified Bitumen	95%	Now	$176,700	2033	$883,500			1
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Kitchen And Rooms 506 And 512								
Roll Roofing	5%	Now	$27,600	2035	* *	5	$3,500	
Blisters, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Soffits								
Marble Panels	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$33,900	LIFE	* *	5	$17,400	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$134,900	2036	* *	5	$4,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Kitchen								
Marble Panels	5%			LIFE	* *	5	$12,000	
Sheet Vinyl/Rubber	5%			2033	$521,800	5	$12,000	
Traffic Topping	5%	Now	$190,300	2033	$380,600	5	$5,000	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Vinyl Tile	15%	0-2	$132,200	2033	$661,000	3	$9,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile 9" X 9"	50%	Now	$14,076,200	2043	* *	3	$29,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2048	* *	5	$15,000	
Wood	5%			2061	* *	5	$15,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$32,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,400	
Gypsum Board	5%			LIFE	* *	5-10	$7,300	
Masonry: Brick	15%			LIFE	* *	10	$3,800	
Marble Panels	5%			LIFE	* *	10	$1,700	
Plaster	65%			LIFE	* *	5-10	$47,200	
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$18,600	
Metal Panel	5%			LIFE	* *	5	$12,400	
Plaster	80%			LIFE	* *	5-10	$136,300	
Site Enclosure								
Fence/Gates								
Chain Link	26%			2043	* *			
Iron Picket	74%	0-2	$433,700	2083	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Leaning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	65%	Now	$161,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Pavers/Stone	35%	Now	$163,200	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Asphalt	95%	0-2	$29,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Cast in Place Concrete	5%	0-2	$600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Toggle Switch	1%			2032	$2,400	5		
Molded Case Bkrs	90%			2032	$215,500	5	$2,700	
Molded Case Bkrs	4%			2049	* *	5	$100	
Wiring								
Braided Cloth	40%			2032	$136,700	1		
Thermoplastic	60%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2031	$72,600	5	$300	
Variable Frequency Drive	60%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	99%			2033	$1,667,600	10	$102,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%	Now	$37,900	2038	* *			
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Exit, Battery	50%			2041	* *	10	$3,800	
Exterior Lighting								
HID	2%			2033	$10,500	10		
LED	8%			2038	* *			
No Component	90%							
Alarm								
Security System								
Generic	50%			2028	$106,100	1	$21,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2033	$106,100	1	$21,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$291,500	1-3	$71,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$111,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$45,200	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump								
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room								
Terminal Devices								
Air Handler	20%			2028	$425,300	1	$14,000	
Convector/Radiator	50%			2031	$462,000	1	$18,300	
Fan Coil Unit/Heat	30%			2028	$840,500	1	$11,000	
Controls								
Pneumatic	100%			2031	$2,183,900			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%			2038	* *	2	$300	
Split Unit	5%			2033	$134,200			
Window/Wall Unit	80%			2028	$342,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,800	
Exhaust Fans								
Interior	90%			2028	$451,100	2	$3,100	
Roof	10%			2038	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2038	* *	1		
Water Heater With Tanks								
Electric	10%			2031	$9,500	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen And Basement								
Explanation : 50 Gallon Unit In The Kitchen And A 5 Gallon Unit For The Laboratory Rooms In The Basement. Quantity 1.								
Gas Fired	90%			2026	$61,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room. Quantity 3.								
Explanation : Approximately 250 Gallons								
HW Heat Exchanger								
Steam Fired	100%	Now	$546,400	2063	* *	4	$11,200	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$22,600	4	$3,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$46,900	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 137 - Q**		
Address	: **109-15 98TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q137**
Program / Asset #	: **BOE1027.000 / 13469**	**Yr Built/Renovated**	: **2002 / 2015**
Area Sq Ft	: **181,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9172** **Lot** : **1**	**BIN**	: **4467457**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$116,800	$130,000
Interior Architecture		$374,200
Electrical		$3,223,100
Mechanical	$81,600	$11,105,800
Site Pavements	$63,700	
Total	**$262,000**	**$14,833,100**
Importance Code A	$116,800	$130,000
Importance Code B	$145,300	$14,643,400
Importance Code C		$59,700
Total	**$262,000**	**$14,833,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$21,500	$15,400	
Interior Architecture	$35,500		$28,700	
Electrical	$41,400	$19,100	$17,700	$18,700
Mechanical	$218,100	$123,100	$136,500	$81,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$302,900**	**$171,600**	**$206,200**	**$107,900**
Importance Code A	$18,000	$39,900	$33,300	$18,000
Importance Code B	$249,400	$131,700	$172,800	$90,000
Importance Code C	$35,500			
Total	**$302,900**	**$171,600**	**$206,200**	**$107,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$23,200	
Glass Block	5%			LIFE	* *	5	$5,800	
Masonry: Brick Cavity	70%			LIFE	* *	5	$130,000	
Metal Panel	5%			2050	* *	5-10	$63,800	
Windows								
Aluminum	95%			2046	* *	5	$30,700	
Metal Louvers	5%			2039	* *	10	$10,100	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$18,200	
Metal Panel	10%			2050	* *	5	$8,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,700	
Roof								
Metal Panel	10%			2043	* *	10	$23,800	
Modified Bitumen	90%			2035	* *	10	$116,800	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Carpet	2%			2029	$119,500	3	$10,100	
Cast in Place Concrete	10%			LIFE	* *	5	$73,900	
Mosaic Tile	3%			2043	* *	5	$25,300	
Quarry Tile	15%			2043	* *	5	$76,000	
Terrazzo	5%			LIFE	* *	5	$13,200	
Vinyl Tile	60%			2035	* *	3	$76,000	
Wood	5%			2058	* *	5	$31,700	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$14,900	
Concrete Masonry Unit	30%			LIFE	* *	5	$35,800	
Concrete Masonry Unit	5%	Now	$28,000	LIFE	* *	5	$6,000	
Vertical Cracks, Extent : Moderate, Area Affected : 10% *Location : Stair C*								
Glass Block	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	$44,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$59,700	
Ceilings								
AcousTileConcealSpLn	25%			2043	* *	5	$105,500	
AcousTileSusp.Lay-In	40%			2043	* *	5	$135,100	
Exposed Struc: Concrete	10%			LIFE	* *	5	$5,300	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$42,200	
Plaster	10%			LIFE	* *	5	$21,100	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%			2065	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	100%	4+	$63,700	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Play Yard Basketball Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches Rated At 3,000 Amperes, 2,500 Amperes And 2,000 Amperes Respectively.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$400	
Molded Case Bkrs	90%			2038	* *	5	$4,300	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$55,800	

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DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2033	$138,700	1	$70,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$40,500	
Fuel Storage								
Day Tank	25%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 100 Gallons Rated Capacity								
Main Tank	75%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2030	$2,570,300	10	$158,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2030	$54,100	10	$3,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Auditorium								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2030	$55,900	1		
Exit, LED	50%			2045	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$102,200	1	$20,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$140,500	1-3	$34,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Cafeteria, Basement And Gymnasium								
Explanation : Smoke Detectors, Manual Pull Stations, Alarm Bells, Strobe Lights And Horns								

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DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$179,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$29,100	2050	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Basement Air Conditioning Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement Boiler Room And Room C-001								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : Various Areas								
Terminal Devices								
Air Handler	7%	0-2	$12,000	2030	$239,100	1	$7,100	
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : Control System, Fan Room								
Air Handler	63%			2030	$2,151,800	1	$70,700	
Convector/Radiator	30%	0-2	$8,900	2035	* *	1	$15,800	
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : The Connections, Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2033	$3,700,600	1	$196,400	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement Air Conditioning Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Air Conditioning Room								
Explanation : 2 Units								
Distribution								
CW & CHW Wtr Pipe/Pump	25%	Now	$1,500	2050	* *	4	$2,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Basement Air Conditioning Room								
CW & CHW Wtr Pipe/Pump	75%			2050	* *	4	$6,700	

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DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	50%	0-2	$35,200	2030	$1,760,900	1	$50,500	
Unbalanced System, Extent : Moderate, Area Affected : 30%								
Location : Throughout All Floors								
Air Handler/Cool/Ht	50%			2030	$1,760,900	1	$56,100	
Heat Rejection								
Water Cooling Tower	100%			2028	$916,800	2	$182,700	
Ventilation								
Distribution								
Ductwork/Diffusers	15%	0-2	$23,900	LIFE	* *	2-5	$15,200	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : The Dampers, Various Locations								
Ductwork/Diffusers	85%			LIFE	* *	2-5	$86,000	
Exhaust Fans								
Interior	50%			2030	$402,500	2	$2,800	
Roof	50%			2035	* *	2	$2,800	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Explanation : Missing Covers								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$3,800	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$7,200	
Backflow Preventer								
Generic	100%			2035	* *	1	$11,100	
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Explanation : Defective Units								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$91,500	
Sprinkler								
Generic	100%			2050	* *	1-2	$50,800	
Fire Pump								
Generic	100%			2033	$173,300	1	$33,900	
Chemical System								
Generic	100%			2025	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 139 - BX**		
Address	: **345 BROOK AVENUE @E. 142 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X139**
Program / Asset #	: **BOE0276.000 / 404**	**Yr Built/Renovated**	: **1957 / 1999**
Area Sq Ft	: **151,221**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Oct-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2286** **Lot** : **36**	**BIN**	: **2000391**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,328,600	$93,200
Interior Architecture	$18,800,400	$162,400
Electrical	$433,900	$1,179,000
Mechanical	$1,637,700	$6,170,600
Total	**$22,200,500**	**$7,605,100**
Importance Code A	$1,328,600	$1,447,200
Importance Code B	$20,679,500	$6,157,900
Importance Code C	$192,400	
Total	**$22,200,500**	**$7,605,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,800			$1,200
Interior Architecture	$84,100		$6,400	$21,200
Electrical	$2,200	$4,900	$16,700	$4,400
Mechanical	$42,800	$26,500	$99,400	$37,600
Site Enclosure	$14,600			
Site Pavements	$6,400			
Total	**$216,800**	**$31,400**	**$122,500**	**$64,400**
Importance Code A	$81,700	$15,000	$15,300	$16,200
Importance Code B	$99,100	$16,400	$107,200	$48,200
Importance Code C	$35,900			
Total	**$216,800**	**$31,400**	**$122,500**	**$64,400**

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DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	2-4	$16,500	LIFE	* *	5	$27,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Foundation Wall At 142nd Street								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Of Building								
Explanation : Foundation Wall								
Glazed Ceramic Panel	5%			LIFE	* *	5	$25,900	
Masonry: Brick Cavity	45%	Now	$216,500	LIFE	* *	5	$49,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairwells A And B Exterior Walls								
Metal/Glass Curt Wall	45%			LIFE	* *	5	$93,200	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	95%			2053	* *	5	$65,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : All Windows								
Explanation : Protective Metal Grilles								
Metal Louvers	5%			2034	* *	10	$21,500	
Parapets								
Masonry: Brick Cavity	45%	2-4	$28,700	LIFE	* *	5	$5,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2057	* *	5	$2,500	
Metal Security Bars	30%			2066	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : East And West Facades That Have A 4 Story Volume								
Explanation : Solar Shades Structures								
Metal: Cage/Fence	10%			2048	* *	5-10	$9,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,000	

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DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	5%	Now	$121,600	2071	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Of Bulkheads								
Patching Evident, Extent : Severe, Area Affected : 100%								
Location : Stair Bulkheads								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Bulkheads								
Explanation : Mastic Added To Metal Roof As Temporary Measure To Stop Water Infiltration								
Modified Bitumen	93%	2-4	$470,400	2039	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%								
Location : All Roofs								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	2%	Now	$520,100	2061	* *			1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Mechanisms Are Broken								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium Roof								
Explanation : Actually Smoke Purge System								
Interior								
Floors								
Cast in Place Concrete	15%	4+	$57,800	LIFE	* *	5	$74,300	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Room								
Ceramic Tile	3%			2034	* *	5	$6,800	
Terrazzo	4%	Now	$16,900	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Corridor, Stairwells E And F								
Vinyl Tile	30%			2036	* *	3	$34,000	
Vinyl Tile 9" X 9"	45%	0-2	$359,500	2026	$17,976,300	3	$38,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Wood	3%			2046	* *	5	$12,700	

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DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	4+	$15,000	2034	* *	5	$6,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,900	
Plaster	58%	2-4	$192,400	LIFE	* *	5	$47,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms At Exterior Walls								
SGFT/Glazed Masonry	25%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwell H								
Wood	2%			LIFE	* *	5	$21,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Wall Panels								
Ceilings								
AcousTile,Adhered	10%	0-2	$34,900	2036	* *	5	$10,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Various Locations Throughout								
AcousTileSusp.Lay-In	5%			2044	* *	5	$10,800	
Exposed Struc: Concrete	15%			LIFE	* *	5	$5,100	
Metal Panel	5%			LIFE	* *	5	$13,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Metal Panels								
Plaster	65%	Now	$214,300	LIFE	* *	5	$88,100	
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Classroom 337								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairwells								
Site Enclosure								
Fence/Gates								
Aluminum Picket	50%			2051	* *			
Chain Link	50%	Now	$14,600	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Bottom Of Playground Fence Not Attached								
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East 142 Street								
Explanation : Exit From Basement								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Brook Avenue And East 142 Street								
Explanation : Recent Replacement								
On-Site Walkways								
Cast in Place Concrete	70%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Steps And Ramps From Exits								
Explanation : Location								
Pavers/Stone	30%	Now	$6,400	2034	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Courtyard								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Courtyard								
Vegetation Growth, Extent : Severe, Area Affected : 5%								
Location : Courtyard								
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$36,000	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches. No Available Nameplate Rating Capacity.								
Fused Disc Sw	30%			2041	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$292,600	5	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Fused Disc Sw	5%			2047	* *	5	$200	
Molded Case Bkrs	20%			2047	* *	5	$800	
Molded Case Bkrs	65%			2030	$194,600	5	$2,600	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$79,900	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	97%			2039	* *	10	$134,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2039	* *			
Egress Lighting								
Emergency, Battery	30%			2026	$76,200	10	$11,000	
Exit, Service	70%			2039	* *	1		
Exterior Lighting								
HID	20%			2039	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$16,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Staircases, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$78,000	2041	* *	1-3	$16,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$46,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Recent Conversion From No.6 Fuel Oil To No.2 Two 6500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2029	$1,318,100	1	$149,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Three No.2 Oil Burning Steam Boilers. Boiler Burner Were Converted To Fire No.2 Fuel Oil								
Boilers Are Very Old. Replacement Is Recommended In Near Future. Oil Leaking In Burner								
Distribution								
Central Plant Steam Piping/Pmp	5%	0-2	$127,600	2061	* *	4	$400	
Other Observation, Extent : Light, Area Affected : 25%								
Location : Auditoriom								
Explanation : Steam Leaks From Upper Level Of Auditorium And Fan Room								
Central Plant Steam Piping/Pmp	95%			2031	$4,039,700	4	$7,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	0-2	$113,800	2026	$569,100	1	$16,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
Convector/Radiator	80%			2036	* *	1	$39,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	20%			2039	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Auditorium								
Explanation : 8 Recently Installed Split Units In Auditorium								
Window/Wall Unit	80%			2026	$458,300	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2026	$134,100	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
Roof	80%			2026	$234,700	2	$3,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roofs								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Leak Evident, Extent : Light, Area Affected : 25%								
Location : Domestic Water Piping Leaking Adjacent To Basement Water Tank								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Basement								
Explanation : Undersized Hot Water Heater.								
HW Heat Exchanger								
Steam Fired	100%			2031	$731,200	4	$15,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	95%			2026	$28,800	4	$3,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Adjacent To Boilers								
Explanation : Sump Pump Adjacent To The Boilers Needs Replacement								
Submersible	5%	0-2	$200	2026	$200	4	$200	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Rooms								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,100	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 139 - BX
Asset # : 404

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 141 - BX (J. H. S. 141 - BX)**		
Address	: **660 WEST 237 STREET @ INDEPENDENCE AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X141**
Program / Asset #	: **BOE0278.000 / 186**	**Yr Built/Renovated**	: **1957 / 2006**
Area Sq Ft	: **172,015**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,ph**		
Block	: **5918** **Lot** : **376**	**BIN**	: **2085870**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$166,600	$1,757,000
Interior Architecture	$788,600	$1,187,700
Electrical	$421,400	$582,300
Mechanical	$2,519,700	$437,600
Total	**$3,896,300**	**$3,964,600**
Importance Code A	$241,600	$1,757,000
Importance Code B	$3,654,700	$2,207,600
Total	**$3,896,300**	**$3,964,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,700		$34,300	
Interior Architecture	$145,200	$8,900		$30,500
Electrical	$19,600	$16,600	$37,500	$16,600
Mechanical	$113,100	$56,600	$93,300	$66,400
Site Enclosure	$3,500			
Site Pavements	$48,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$366,000**	**$86,100**	**$169,100**	**$117,500**
Importance Code A	$32,700	$17,000	$51,700	$17,000
Importance Code B	$330,800	$69,000	$117,400	$81,100
Importance Code C	$2,600			$19,400
Total	**$366,000**	**$86,100**	**$169,100**	**$117,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	10%			2051	* *	10	$11,800	
Glazed Ceramic Panel	2%			LIFE	* *	5	$11,800	
Masonry: Brick	25%			LIFE	* *	5	$31,600	
Masonry: Brick Cavity	30%			LIFE	* *	5	$37,900	
Metal Panel	25%			2051	* *	5-10	$216,900	
Metal Coiling Doors	5%			2036	* *	5	$19,700	
Pre-Cast Concrete	3%	0-2	$5,500	LIFE	* *	5	$12,300	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Storage								
Windows								
Aluminum	87%	4+	$107,500	2047	* *	5	$11,300	
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Classrooms, Locker Room								
Fiberglass Panel	10%			2039	* *	5	$9,700	
Metal Louvers	3%			2040	* *	10	$4,900	
Parapets								
Glazed Ceramic Panel	15%			2051	* *	5-10	$27,000	
Masonry: Brick	10%			LIFE	* *	5	$1,700	
Masonry: Brick Cavity	40%			LIFE	* *	5	$6,800	
Metal Panel	20%			2051	* *	5	$13,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,300	
Roof								
Built-Up (BUR)	65%	4+	$18,000	2031	$898,600			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Copper/Terne	3%			2046	* *	10	$8,900	
Copper/Terne	3%			2059	* *	10	$8,900	
IRMA/Protected Membrane	25%			2031	$700,700	10	$29,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Lower Roof, Main Building. Above Gymnasium And Auditorium								
Metal Panel	2%			2044	* *	10	$4,300	
Skylight, Metal/Glass	2%			2041	* *	10	$7,900	
Soffits								
Stucco Cement	100%			2036	* *	5	$11,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$15,200	LIFE	* *	5	$19,500	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Ceramic Tile	5%			2040	* *	5	$8,900	
Poured Epoxy/Resin	2%	Now	$40,000	2031	$200,200			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Laboratory Classrooms 333, 244								
Quarry Tile	3%			2044	* *	5	$8,000	
Terrazzo	10%			LIFE	* *	5	$14,000	
Vinyl Tile	20%			2031	$987,400	3	$13,400	
Vinyl Tile 9" X 9"	50%	Now	$788,600	2041	* *	3	$33,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Corridors, Classrooms								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Main Building								
Wood	5%			2059	* *	5	$16,800	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$18,600	
Folding Partition	5%			2047	* *	5	$38,700	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$48,300	
SGFT/Glazed Masonry	15%			LIFE	* *			
Wood	3%			LIFE	* *	5	$37,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Paneling								
Ceilings								
AcousTile,Adhered	7%	Now	$8,100	2036	* *	5	$6,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
AcousTileConcealSpLn	10%			2044	* *	5	$22,300	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Gymnasium And Corridors								
AcousTileSusp.Lay-In	20%			2044	* *	5	$35,700	
Exposed Struc: Concrete	20%			LIFE	* *	5	$5,600	
Exposed Struc: Steel	3%			LIFE	* *			
Gypsum Board	3%			LIFE	* *	5	$6,700	
Metal Panel	2%	4+	$2,400	LIFE	* *	5	$4,500	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%								
Location : First Floor Kitchen								
Plaster	35%	Now	$38,000	LIFE	* *	5	$39,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Breezeway, 3rd Floor, Rooms 300 And 302								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	95%			2041	* *			
Iron Picket	5%			2066	* *			
Retaining Walls								
Cast in Place Concrete	20%	Now	$3,500	2066	* *			
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Side Yard								
Masonry: Brick	80%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$45,500	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Concrete Steps At Main Entrance								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 237th Street And Independence Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$2,600	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 237th Street								
Activity Yard								
Asphalt	50%			2040	* *			
Cast in Place Concrete	50%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 6,000 Ampere, One 1,600 Ampere And One 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$700	
Raceway								
Conduit	60%			2031	$202,300	1		
Conduit	40%			2051	* *	1		
Panelboards								
Fused Toggle Switch	1%	2-4	$3,400	2056	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room Basement								
Molded Case Bkrs	35%			2047	* *	5	$1,600	
Molded Case Bkrs	64%			2030	$217,100	5	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	55%	2-4	$247,100	2056	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2031	$44,900	1		
Thermoplastic	35%			2051	* *	1		
Motor Controllers								
Locally Mounted	65%			2029	$117,900	5	$800	
Locally Mounted	35%			2048	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$52,900	
Generators								
Diesel	100%			2040	* *	1	$66,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 500 Kilovolt-ampere								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$38,300	
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 160 Gallons								
Main Tank	50%			2066	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	6%			2039	* *	10	$9,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library And Some Classrooms								
Fluorescent	90%			2036	* *	10	$142,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Service	35%			2036	* *	1		
Emergency, Battery	15%			2031	$43,300	10	$6,200	
Exit, Service	20%			2036	* *	1		
Exit, Service	30%			2031	$22,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Entrance Lobby And Outside								
Explanation : Surveillance Camera CCTV								
Generic	10%			2026	$32,300	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$21,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mechanical Room And Basement								
Explanation : Strobes, Bell, Horn, Smoke Detector, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$75,000	2044	* *	1	$153,300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Explanation : Boiler No. 1, Has 4 Damaged/clogged Tubes Boiler No. 2, Three Tubes And Boiler No. 3 Five Tubes Damaged								
Distribution								
Central Plant Steam Piping/Pmp	50%	Now	$241,900	2051	* *	4	$4,200	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Chiller Room. Faulty Expansion Tank								
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Locations Various, Defective Climate Control, Defective Vacuum Pump.								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various								
Central Plant Steam Piping/Pmp	50%			2041	* *	4	$6,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%	Now	$323,700	2026	$1,618,500	1	$47,900	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Blower No. 3 Has Defective Control And Manually Operated								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Blower No. 2 Has Defective Motor								
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Convector/Radiator	50%			2044	* *	1	$27,800	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2036	* *	1	$31,900	
R-134a Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Window/Wall Unit	40%			2026	$260,700	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2051	* *	4	$3,400	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2036	* *	1	$42,600	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2036	* *	2	$47,900	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,900	
Exhaust Fans								
Interior	30%	Now	$22,900	2036	* *	2	$1,300	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Exhaust Fan Broken Bearing Seal								
Roof	70%	0-2	$46,700	2031	$233,600	2	$2,900	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof . 50 Percent Of Bathroom Exhaust Fan Are Not Working Due To Mechanical And Electrical Defect.								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2057	* *	1		
Galvanized Steel	60%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$5,500	
Backflow Preventer								
Generic	100%			2036	* *	1	$10,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 5th Floor							
	Explanation : One Unit							
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2057	* *	1-5	$36,000	
Sprinkler								
No Component	60%							
Generic	40%			2057	* *	1-2	$19,300	
Fire Pump								
Generic	100%			2040	* *	1	$32,100	
Chemical System								
No Component	50%							
Generic	50%			2029	$204,000	1-3	$186,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 142 - BX (J. H. S. 142 - BX)**		
Address	: **3750 BAYCHESTER AVENUE @ CRAWFORD AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X142**
Program / Asset #	: **BOE0279.000 / 1095**	**Yr Built/Renovated**	: **1958 / 2000**
Area Sq Ft	: **137,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4935** **Lot** : **1**	**BIN**	: **2066190**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$466,800	$162,800
Interior Architecture	$14,231,700	$74,700
Electrical	$371,000	$3,437,100
Mechanical	$873,100	$5,847,900
Site Pavements	$221,100	
Total	**$16,163,800**	**$9,522,500**
Importance Code A	$518,200	$1,444,000
Importance Code B	$15,306,700	$8,078,500
Importance Code C	$338,900	
Total	**$16,163,800**	**$9,522,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$130,700			
Interior Architecture	$140,300		$27,600	$9,600
Electrical	$31,000	$12,800	$15,800	$14,300
Mechanical	$90,600	$22,000	$33,300	$22,000
Total	**$392,500**	**$34,800**	**$76,800**	**$46,000**
Importance Code A	$145,200	$14,600	$14,600	$14,600
Importance Code B	$196,000	$20,300	$55,800	$31,400
Importance Code C	$51,400		$6,400	
Total	**$392,500**	**$34,800**	**$76,800**	**$46,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$125,200	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$97,800	
Glazed Ceramic Panel	5%			LIFE	* *	5	$58,700	
Masonry: Brick Cavity	80%			LIFE	* *	5	$200,400	
Windows								
Aluminum	100%			2049	* *	5	$49,700	
Roof								
Built-Up (BUR)	85%	Now	$304,000	2038	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 50%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Main Roof At Drain Locations								
Copper/Terne	5%	Now	$20,100	2048	* *			1
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Modified Bitumen	10%			2038	* *	10	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Canopy								
Explanation : Over Entry Area								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$14,800	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$37,400	LIFE	* *	5	$48,100	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room. Electrical Room								
Ceramic Tile	3%			2036	* *	5	$6,600	
Quarry Tile	5%			2046	* *	5	$16,500	
Terrazzo	2%	4+	$8,200	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Entry Lobby								
Vinyl Tile	35%			2038	* *	3	$28,900	
Vinyl Tile 9" X 9"	35%	Now	$13,590,100	2043	* *	3	$28,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%			2048	* *	5	$41,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$64,200	
Ceramic Tile	5%			2036	* *	5	$12,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$30,800	
Masonry: Brick	5%			LIFE	* *	10	$3,900	
Operable Wall	2%			2043	* *	5	$18,000	
Plaster	38%			LIFE	* *	5-10	$82,900	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$32,100	
Ceilings								
AcousTile,Adhered	25%	Now	$160,300	2038	* *	5	$24,900	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$12,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$19,900	
Metal Panel	5%			LIFE	* *	5	$24,900	
Plaster	60%	Now	$363,500	LIFE	* *	5	$74,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Window Soffits And Ceiling At Entry Lobby								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Roof Drain Leader Chases At Various Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$221,100	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : North And East Side Walkways								
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$51,400	2063	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 1,200 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$292,600	5	$3,600	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$200	
Molded Case Bkrs	85%			2032	$254,500	5	$3,100	
Molded Case Bkrs	10%			2049	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$319,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$163,300	5	$800	
Locally Mounted	10%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$2,081,600	10	$128,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	25%			2038	* *	1		
Emergency, Battery	25%			2038	* *	10	$8,900	
Exit, Battery	50%			2038	* *	10	$5,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	5%	Now	$16,000	2038	* *			
Outdr Lights On During Daytime, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Timer								
LED	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$257,200	1	$51,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$84,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$337,300	5	$45,500	
Conversion Equipment								
Steam Boiler	100%			2031	$1,281,200	1	$145,600	
Not Energy Efficient, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%			2033	$1,177,000			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Feed Water Piping And Vacuum Pump Leaking								
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Basement. One Vacuum Pump Is Not Working								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2028	$1,106,400	1	$36,400	
Convector/Radiator	60%			2031	$721,200	1	$28,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%	Now	$69,800	2043	* *			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Window/Wall Unit	75%	0-2	$20,900	2028	$417,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. 5 Percent Of The Units Are Not Working								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$129,800	
Exhaust Fans								
Interior	40%			2033	$260,800	2	$1,800	
Roof	60%			2028	$171,100	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$375,300	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$710,800	2063	* *	4	$14,500	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement								
Sanitary Piping								
Cast Iron	100%	0-2	$92,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Clogged. Backups At Basement During Heavy Rain								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	90%							
Generic	10%			2033	$6,600	1	$900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : One Unit Service Elevator From 1st Floor To Basement								
Explanation : Not Operational								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 143 - BX (J. H. S. 143 - BX)**		
Address	: **120 WEST 231 STREET @ SEDGWICK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X143**
Program / Asset #	: **BOE0280.000 / 2606**	**Yr Built/Renovated**	: **1957 / 2007**
Area Sq Ft	: **132,406**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3253** **Lot** : **141**	**BIN**	: **2015547**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$305,300
Interior Architecture	$794,800	$68,100
Electrical	$359,600	$2,493,500
Mechanical	$201,900	$2,302,700
Site Pavements	$86,100	
Total	**$1,442,400**	**$5,169,500**
Importance Code A		$356,600
Importance Code B	$1,156,800	$4,812,900
Importance Code C	$285,600	
Total	**$1,442,400**	**$5,169,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$70,300		$5,100	$14,200
Interior Architecture	$69,800	$6,500		$19,800
Electrical	$28,800	$4,100	$55,500	$3,000
Mechanical	$31,300	$13,400	$48,300	$13,400
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$205,100**	**$29,000**	**$113,800**	**$55,400**
Importance Code A	$70,300		$5,400	$14,200
Importance Code B	$134,800	$22,500	$108,400	$41,200
Importance Code C		$6,500		
Total	**$205,100**	**$29,000**	**$113,800**	**$55,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$1,900	
Masonry: Brick Cavity	75%			LIFE	* *	5	$112,400	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$14,000	
Pre-Cast Concrete	18%			LIFE	* *	5	$87,600	
Windows								
Aluminum	100%			2047	* *	5	$28,400	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$7,900	
Metal Panel	20%			2051	* *	5	$10,200	
Metal Rail	20%			2044	* *	5-10	$47,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Railing Attached To Parapet Wall								
Explanation : Wire Mesh Panels Insets								
Roof								
Cast in Place Concrete	10%			LIFE	* *			
Copper/Terne	4%	Now	$41,500	2059	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Fluid Applied Roofing	5%			2059	* *			
Modified Bitumen	80%			2039	* *	10	$105,200	
Recent Replace Evident, Extent : N/A, Area Affected : 90%								
Location : Main Roofs								
Skylight, Metal/Glass	1%			2041	* *	10	$4,400	
Soffits								
Fiberglass Panel	2%			2040	* *	5		
Metal Panel	98%			2051	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,400	
Ceramic Tile	4%	Now	$44,700	2040	* *	5	$4,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Ceramic Tile	1%			2044	* *	5	$2,000	
Recent Installation, Extent : N/A, Area Affected : 1%								
Location : 3rd Floor Toilet								
Vinyl Tile	60%			2036	* *	3	$59,500	
Vinyl Tile 9" X 9"	20%	Now	$349,800	2041	* *	3	$14,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : 4th Floor And 1st Floor Corridors, Classrooms, Basement Corridor								
Wood	5%			2059	* *	5	$18,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$13,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,400	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%	Now	$285,600	LIFE	* *	5	$35,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$159,500	2036	* *	5	$24,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor								
Exposed Struc: Concrete	20%			LIFE	* *	5	$6,200	
Plaster	55%			LIFE	* *	5	$68,100	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2051	* *			
Iron Picket	90%			2066	* *			
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	20%			2066	* *			
Masonry: Brick	80%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$86,100	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Kingsbridge Terrace								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$600	
Raceway								
Conduit	100%			2031	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Fused Knife Sw	5%	2-4	$15,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	85%			2030	$254,500	5	$3,000	
Wiring								
Braided Cloth	90%	2-4	$359,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	10%			2031	$40,000	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	68%			2031	$1,342,200	10	$82,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	30%			2036	* *	10	$36,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$16,000	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$9,900	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$16,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 143 - BX (J. H. S. 143 - BX)
Asset # : 2606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Temporary Boiler Being Used								
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	75%			2031	$1,868,800	1	$61,400	
Convector/Radiator	25%			2036	* *	1	$10,700	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	30%			2026	$150,500	1		
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$92,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : For The Split Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,800	
Exhaust Fans								
Interior	60%			2031	$352,300	2	$2,400	
Roof	40%	0-2	$51,400	2036	* *	2	$1,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Explanation : One Bathroom Exhaust Fan Needs New Motor								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Temporary Water Heater Being Used								
HW Heat Exchanger								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Various								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,900	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 143 - M**		
Address	: **511 WEST 182 STREET @AUDUBON AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M143**
Program / Asset #	: **BOE0086.000 / 2635**	**Yr Built/Renovated**	: **1965 / 2018**
Area Sq Ft	: **160,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **2155** **Lot** : **35**	**BIN**	: **1063703**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$177,200	$127,400
Interior Architecture	$18,046,500	
Electrical	$152,700	$1,015,900
Mechanical	$284,600	$4,142,300
Total	**$18,660,900**	**$5,285,600**
Importance Code A	$251,200	$1,659,200
Importance Code B	$18,409,700	$3,626,400
Total	**$18,660,900**	**$5,285,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,200	$38,500		$39,600
Interior Architecture	$69,200	$28,300	$8,800	$43,700
Electrical	$6,000	$8,400	$6,000	$36,000
Mechanical	$103,700	$54,800	$44,400	$68,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$195,000**	**$134,000**	**$63,100**	**$192,000**
Importance Code A	$12,200	$55,300	$16,800	$56,800
Importance Code B	$182,800	$56,600	$37,500	$135,200
Importance Code C		$22,100	$8,800	
Total	**$195,000**	**$134,000**	**$63,100**	**$192,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$65,900	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Building Base And Window Sill Panels								
Masonry: Brick	70%			LIFE	* *	5	$61,500	
Painted Surfaces, Extent : Light, Area Affected : 30%								
Location : Building Base Walls								
Pre-Cast Concrete	15%	Now	$95,600	LIFE	* *	5	$42,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Vertical Ribs Located At Multiple Elevations								
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Various Vertical Ribs Located At Multiple Elevations								
Windows								
Aluminum	100%			2048	* *	5	$21,900	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$3,200	
Metal Panel	25%			2052	* *	5	$12,500	
Metal Rail	25%			2045	* *	5-10	$58,500	
Metal: Cage/Fence	5%			2045	* *	5-10	$5,000	
Pre-Cast Concrete	20%			LIFE	* *	5	$16,300	
Roof								
Copper/Terne	5%			2047	* *	10	$13,600	
IRMA/Protected Membrane	18%			2037	* *	10	$19,600	
Modified Bitumen	75%			2037	* *	10	$81,600	
Skylight, Metal/Glass	2%	Now	$12,200	2042	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Over Fourth Floor								
Soffits								
Stucco Cement	100%			2037	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Entry								
Explanation : Canopies								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$27,800	
Ceramic Tile	5%	Now	$14,300	2041	* *	5	$6,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Granite Panels	5%			LIFE	* *	5	$9,500	
Sheet Vinyl/Rubber	5%			2037	* *	5	$19,100	
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile	30%	Now	$42,100	2037	* *	3	$28,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Lunch Room								
Vinyl Tile 9" X 9"	40%			2027	$17,946,400	3	$50,800	
Wood	5%			2047	* *	5	$23,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$17,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$14,100	
Folding Partition	5%			2040	* *	5	$44,200	
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$47,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$100,100	2037	* *	5	$31,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : First And Fourth Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
AcousTileSusp.Lay-In	5%			2045	* *	5	$12,400	
Exposed Struc: Concrete	45%			LIFE	* *	5	$17,500	
Metal Panel	5%			LIFE	* *	5	$15,500	
Plaster	20%			LIFE	* *	5	$31,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Main Service Switch Rated At 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$292,600	5	$700	
Raceway								
Conduit	75%			2032	$216,600	1		
Conduit	25%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$400	
Molded Case Bkrs	70%			2048	* *	5	$2,900	
Molded Case Bkrs	20%			2040	* *	5	$800	
Wiring								
Braided Cloth	40%			2031	$159,800	1		
Thermoplastic	60%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	3%			2037	* *	10	$4,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
Fluorescent	95%			2037	* *	10	$148,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Service	10%			2037	* *	1		
Emergency, Battery	40%			2032	$114,000	10	$16,400	
Exit, Service	40%			2027	$29,300	1		
Exit, Battery	10%			2032	$24,100	10	$1,100	
Exterior Lighting								
HID	10%			2037	* *	10		
No Component	90%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	50%							
Under Construction	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	25%			2042	* *	1	$14,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System Recently Installed								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2037	* *	1-3	$49,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$394,900	5	$52,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Oil Tanks 10,000 Gallon Each								
Conversion Equipment								
Steam Boiler	100%	Now	$74,000	2030	$1,480,400	1	$151,400	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler 1								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Oil Leaks At Boiler 1 Burner.								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Boiler Room. Insulation Repaired At Boiler 2.								
Repairs In Progress, Extent : N/A, Area Affected : 5%								
Location : Boiler Room. Oil Burner 2 Out For Shop Repair.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$27,200	2042	* *			
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Boiler Room. Defective Controller At Steam Condensate Return Pumping System.								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Boiler Room. Vacuum Pump.								
Obsolete Equipment, Extent : Light, Area Affected : 10%								
Location : Boiler Room. Steam Condensate Return Pumping System.								
Recent Installation, Extent : N/A, Area Affected : 5%								
Location : Boiler Room. Chemical Feed System Upgraded In 2017.								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2037	* *	1	$21,000	
Convector/Radiator	75%			2030	$1,041,600	1	$41,100	
Fan Coil Unit/Heat	5%			2027	$210,500	1	$2,700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2031	$579,100	1		
Recent Installation, Extent : N/A, Area Affected : 90%								
Location : Throughout. 2019 Upgrade.								
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2032	$296,600	1	$10,500	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Mechanical Room 219								
Explanation : 2 Units Of Dx Cooling Coil In Ductwork. Each Unit Serves Auditorium And Gymnasium. Upgraded In 2010.								
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2037	* *	2	$29,600	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Gymnasium Roof.								
Explanation : 2 Condensing Units Associated With Dx Cooling Coils.								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,700	
Exhaust Fans								
Interior	20%			2032	$150,700	2	$1,000	
Roof	80%			2040	* *	2	$4,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof. 2020 Upgrade								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$43,600	2042	* *	1		
Damaged, Extent : Severe, Area Affected : 5%								
Location : Basement Water Meter Room. Leaking And Corroded Isolation Valve At Domestic Water Main.								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$12,000	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 3%								
Location : Boiler Room, 1st Floor								
Explanation : Water Backs Up When It Rains.								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$5,400	
Fixtures								
Generic	100%							
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Throughout.								
Explanation : 2014 Upgrade Of Student Toilets, Urinals And Sinks.								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$117,400	1-2	$2,400	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 143 - M MINISCHOOL**		
Address	: **511 WEST 182ND ST. @AUDUBON AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M143**
Program / Asset #	: **BOE0086.010 / 4359**	**Yr Built/Renovated**	: **1970 /**
Area Sq Ft	: **10,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2155** **Lot** : **35**	**BIN**	: **1063703**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$686,100	
Interior Architecture	$274,900	
Electrical		$136,700
Mechanical		$158,200
Total	**$961,000**	**$294,800**
Importance Code A	$686,100	
Importance Code B	$274,900	$294,800
Total	**$961,000**	**$294,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$79,500			$1,900
Electrical	$200	$300	$300	$23,900
Mechanical	$9,500	$500	$1,400	$1,500
Site Enclosure	$4,300			
Site Pavements	$31,000			
Total	**$124,500**	**$800**	**$1,700**	**$27,200**
Importance Code A	$500	$500	$500	$500
Importance Code B	$85,000	$300	$1,200	$26,700
Importance Code C	$39,000			
Total	**$124,500**	**$800**	**$1,700**	**$27,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M MINISCHOOL

Asset # : 4359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$120,200	2062	* *	5	$34,000	1
Deformed/Dented, Extent : Severe, Area Affected : 40%								
Location : At Corners								
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Painted Surfaces, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Classroom Exterior Walls, Staff Toilet								
Windows								
Aluminum	100%	Now	$89,200	2057	* *	5	$900	
Air Infiltration, Extent : Severe, Area Affected : 40%								
Location : Classrooms								
Unit Inoperable, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Classrooms								
Roof								
Metal Panel	100%	Now	$476,700	2052	* *			
Scupper Non-Func/Miss, Extent : Severe, Area Affected : 5%								
Location : Facade								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Classrooms, Hallways								
Interior								
Floors								
Mosaic Tile	5%	Now	$44,800	2052	* *	5	$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Main Entrance								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Main Entrance								
Vinyl Tile	85%	Now	$112,100	2042	* *	3	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Classrooms								
Vinyl Tile	10%	Now	$8,800	2037	* *	3	$600	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M MINISCHOOL

Asset # : 4359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	35%	Now	$17,200	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Mechanical Room								
Metal Panel	65%	Now	$17,600	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Classrooms								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$154,100	2052	* *	5	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$4,300	2042	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Cast in Place Concrete	65%	Now	$31,000	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Rubber Matting	35%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$65,000	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M MINISCHOOL

Asset # : 4359

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2032	$15,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	30%			2031	$9,000	5	$100	
Molded Case Bkrs	65%			2048	* *	5	$200	
Wiring								
Thermoplastic	40%			2032	$8,600	1		
Thermoplastic	60%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$9,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$1,200	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$9,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$3,800	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Mechanical Room								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Stobe Lights, Alarm Bell, Horns, Smoke Detector, Manual Pull Box, Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M MINISCHOOL

Asset # : 4359

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2042	* *	1		
Conversion Equipment								
Furnace	100%			2032	$31,100	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2030	$158,200	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$8,800	LIFE	* *	2-5	$5,600	
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Mechanical Room								
Exhaust Fans								
Interior	95%			2032	$42,100	2	$300	
Roof	5%			2027	$1,000	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 144 - BX**		
Address	: **2545 GUNTHER AVENUE @ALLERTON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X144**
Program / Asset #	: **BOE0281.000 / 379**	**Yr Built/Renovated**	: **1968 / 2011**
Area Sq Ft	: **147,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4493** **Lot** : **1**	**BIN**	: **2053518**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,658,700	$899,100
Interior Architecture	$33,387,700	
Electrical	$872,900	$1,176,200
Mechanical	$317,100	$1,156,100
Total	**$36,236,500**	**$3,231,400**
Importance Code A	$1,658,700	$940,200
Importance Code B	$34,577,700	$2,291,200
Total	**$36,236,500**	**$3,231,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$29,300	
Interior Architecture	$94,300		$75,100	
Electrical	$2,100	$5,900	$4,700	$5,100
Mechanical	$47,200	$34,300	$65,800	$54,300
Total	**$143,600**	**$40,200**	**$174,900**	**$59,400**
Importance Code A	$14,600	$14,600	$44,100	$14,600
Importance Code B	$101,800	$25,700	$130,800	$44,800
Importance Code C	$27,200			
Total	**$143,600**	**$40,200**	**$174,900**	**$59,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	100%	Now	$842,500	LIFE	* *	5	$704,000	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Middle Of Boiler Room								
Windows								
Aluminum	100%	Now	$734,200	2047	* *	5	$25,700	
Caulking Deteriorated, Extent : Severe, Area Affected : 75%								
Location : Gunther Avenue Facade								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Gunther Avenue Facade								
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$195,100	
Metal Rail	15%			2048	* *	5-10	$60,200	
Roof								
Built-Up (BUR)	25%			2036	* *	10	$29,300	
Copper/Terne	5%			2059	* *	10	$14,700	
Modified Bitumen	70%			2036	* *	10	$82,000	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$18,900	LIFE	* *	5	$24,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%	2-4	$37,600	2040	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets, Kitchen								
Terrazzo	2%			LIFE	* *	5	$3,500	
Vinyl Tile 9" X 9"	85%			2026	$33,387,700	3	$70,900	
Wood	5%			2059	* *	5	$20,900	
Interior Walls								
Ceramic Tile	3%	Now	$23,700	2040	* *	5	$2,200	
Adhesion Failure, Extent : Severe, Area Affected : 5%								
Location : All Toilets								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : All Toilets								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 5%								
Location : Toilets								
Concrete Masonry Unit	15%			LIFE	* *	5	$8,600	
Folding Partition	2%			2039	* *	5	$7,200	
Plaster	55%			LIFE	* *	5	$23,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$33,400	
AcousTileConcealSpLn	25%			2036	* *	5	$69,500	
Exposed Struc: Concrete	55%			LIFE	* *	5	$19,100	
Exposed Struc: Steel	2%			LIFE	* *			
Metal Panel	3%			LIFE	* *	5	$8,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2031	$41,100	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Fused Disc Sw	20%			2057	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 800 Amperes Serving The Solar Panels.								
Transformers								
Dry Type	100%			2048	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 225 Kilovolt-amperes, 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$600	
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$15,000	5	$200	
Molded Case Bkrs	90%			2030	$269,400	5	$3,500	
Molded Case Bkrs	5%			2047	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$359,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	85%			2029	$154,200	5	$800	
Locally Mounted	15%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$128,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2036	* *	10	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	25%			2031	$61,700	10	$8,900	
Emergency, Battery	25%	Now	$61,700	2041	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Exit, Service	50%			2031	$31,700	1		
Exterior Lighting								
HID	10%			2026	$68,600	10		
HID	20%	Now	$137,200	2041	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2034	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stacks Only								
Explanation : Lightning Rods								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$82,800	1	$16,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$113,800	2041	* *	1-3	$24,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System, Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2057	* *	5	$45,500	
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$145,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	20%			2031	$553,300	1	$18,200	
Convector/Radiator	80%			2036	* *	1	$38,000	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	30%			2026	$167,100	1		
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$102,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : For The Split Unit								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,000	
Exhaust Fans								
Interior	20%			2031	$130,400	2	$900	
Roof	80%	Now	$68,500	2031	$228,200	2	$2,900	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$21,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$29,400	4	$3,100	
Sewage Ejector(s)								
Electric	100%			2031	$77,000	4	$5,900	
Backflow Preventer								
Generic	100%			2031	$65,600	1	$9,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$101,600	1-2	$2,100	
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 145 - BX**
Address : **1000 TELLER AVENUE BTWN: EAST 164 ST., EAST 165 ST.**
Borough : **BRONX** | **Agency's Number** : **X145**
Program / Asset # : **BOE0282.000 / 380** | **Yr Built/Renovated** : **1965 / 2010**
Area Sq Ft : **155,000** | **Project Type** : **EDUCATION**
Date of Survey : **12-Jun-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2424** **Lot** : **1** | **BIN** : **2097111**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$728,200	$209,700
Interior Architecture	$1,719,100	$235,100
Electrical	$345,600	$1,339,100
Mechanical	$651,600	$3,382,800
Total	**$3,444,600**	**$5,166,700**
Importance Code A	$728,200	$1,612,100
Importance Code B	$1,850,600	$3,454,300
Importance Code C	$865,800	$100,200
Total	**$3,444,600**	**$5,166,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,800	$16,300		
Interior Architecture	$101,300		$18,300	$19,800
Electrical	$12,300	$11,100	$13,400	$10,400
Mechanical	$50,400	$48,600	$38,300	$23,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$185,800**	**$79,900**	**$74,000**	**$57,900**
Importance Code A	$33,200	$32,000	$15,400	$15,400
Importance Code B	$128,700	$48,000	$58,600	$42,600
Importance Code C	$23,900			
Total	**$185,800**	**$79,900**	**$74,000**	**$57,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	97%			LIFE	* *	5	$143,400	
Metal Panel	3%			2050	* *	5-10	$30,500	
Other Observation, Extent : Light, Area Affected : 3%								
Location : Main Entrance								
Explanation : Mesh Design								
Windows								
Aluminum	97%	4+	$515,100	2046	* *	5	$27,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Classroom And Office Windows								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Of All Windows								
Explanation : Protective Metal Grilles								
Metal Louvers	3%			2039	* *	10	$10,400	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$9,400	
Masonry: Brick	10%			LIFE	* *	5	$2,400	
Metal: Cage/Fence	85%			2035	* *	5-10	$159,200	
Roof								
Built-Up (BUR)	97%	2-4	$120,300	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms								
Copper/Terne	3%			2045	* *	10	$8,000	
Soffits								
Cast in Place Concrete	100%	2-4	$17,800	LIFE	* *	5	$7,500	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Overhangs								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Underside Of Overhangs								
Interior								
Floors								
Carpet	15%			2029	$647,800	3	$54,900	
Ceramic Tile	5%			2039	* *	5	$12,200	
Terrazzo	10%			LIFE	* *	5	$19,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	30%	Now	$40,500	2035	* *	3	$27,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridors At Baseboard, Auditorium And Throughout								
Vinyl Tile 9" X 9"	35%	Now	$754,100	2040	* *	3	$32,000	
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%			2058	* *	5	$22,900	

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$47,700	
Concrete Masonry Unit	10%	Now	$179,400	LIFE	* *	5	$38,200	
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Masonry: Brick	10%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$100,200	
SGFT/Glazed Masonry	40%	Now	$686,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair 6 And 7								
Ceilings								
AcousTile,Adhered	20%	2-4	$30,900	2035	* *	5	$24,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium And Auditorium								
Exposed Struc: Concrete	15%			LIFE	* *	5	$5,600	
Metal Panel	25%	Now	$99,300	LIFE	* *	5	$74,900	
Bent/Warped Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen, Corridors, Classrooms								
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen, Corridors, Classrooms								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Kitchen, Corridors, Classrooms								
Explanation : Perforated Suspended Metal Ceilings								
Plaster	40%			LIFE	* *	5	$59,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	50%			2039	* *			
Cast in Place Concrete	50%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switches Rated At 2,000 Amperes And 1,200 Amperes.								

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	95%			2030	$274,400	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$15,000	5	$200	
Molded Case Bkrs	90%			2029	$269,400	5	$3,700	
Molded Case Bkrs	5%			2046	* *	5	$200	
Wiring								
Braided Cloth	65%	2-4	$259,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2030	$119,900	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$90,700	5	$500	
Locally Mounted	50%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	88%			2038	* *	10	$125,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2038	* *	10	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Incandescent	2%			2025	$85,900	2	$100	
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$18,700	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	15%			2030	$108,500	10	$100	
LED	15%			2038	* *			
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$95,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$48,000	
Conversion Equipment								
Steam Boiler	100%			2028	$1,351,000	1	$153,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Steam Boilers								
Distribution								
Steam Piping/Pump	10%	0-2	$2,500	2040	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Steam Piping/Pump	90%			2040	* *			
Terminal Devices								
Air Handler	20%			2030	$583,400	1	$19,200	
Convector/Radiator	80%			2035	* *	1	$40,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	70%	0-2	$8,200	2025	$411,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2038	* *	1	$2,500	
No Component	95%							

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	5%			2038	* *	2	$5,400	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,400	
Exhaust Fans								
Interior	20%			2030	$137,500	2	$1,000	
Roof	80%			2025	$240,600	2	$3,800	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2028	$989,400	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$15,000	2040	* *	4	$15,300	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 1 Out Of 2 Units In Boiler Room								
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Out Of 2 Units In Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$31,000	4	$3,300	
Backflow Preventer								
Generic	100%			2035	* *	1	$9,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2030	$321,500	1-2	$6,500	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 145 - Q**		
Address	: **33-34 80 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q145**
Program / Asset #	: **BOE0792.000 / 1545**	**Yr Built/Renovated**	: **1953 / 2018**
Area Sq Ft	: **200,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,Ph**		
Block	: **1252** **Lot** : **1**	**BIN**	: **4442764**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$600,100	$242,600
Interior Architecture	$6,057,900	$73,100
Electrical	$361,800	$1,837,900
Mechanical	$492,500	$3,415,000
Total	**$7,512,200**	**$5,568,600**
Importance Code A	$600,100	$294,000
Importance Code B	$6,912,100	$5,274,600
Total	**$7,512,200**	**$5,568,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,800			
Interior Architecture	$44,100		$7,800	$62,400
Electrical	$93,500	$21,400	$21,600	$56,000
Mechanical	$116,100	$37,000	$54,600	$62,300
Site Pavements	$25,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$290,300**	**$66,200**	**$91,900**	**$188,500**
Importance Code A	$23,600	$19,800	$19,800	$20,200
Importance Code B	$266,700	$46,400	$72,100	$168,300
Importance Code C				
Total	**$290,300**	**$66,200**	**$91,900**	**$188,500**

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$316,800	LIFE	* *	5	$192,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Over Cafeteria								
Masonry: Limestone	5%			LIFE	* *	5	$7,600	
Windows								
Aluminum	98%	Now	$72,000	2048	* *	5	$37,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%								
Location : Throughout 1954 Building								
Metal Louvers	2%			2041	* *	10	$9,600	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$21,100	
Masonry: Limestone	10%			LIFE	* *	5	$3,500	
Metal Rail	10%	4+	$3,800	2045	* *	5	$19,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$8,800	
Roof								
IRMA/Protected Membrane	85%			2037	* *	10	$131,700	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaza Roof: Stone Panels	10%	Now	$79,600	2042	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Roll Roofing	5%			2028	$50,300	5	$12,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$34,100	
Ceramic Tile	5%			2041	* *	5	$15,600	
Terrazzo	5%			LIFE	* *	5	$12,200	
Vinyl Tile	50%	Now	$86,200	2037	* *	3	$58,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Vinyl Tile 9" X 9"	10%			2027	$5,506,500	3	$15,600	
Wood	25%	Now	$465,200	2047	* *	5	$73,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,300	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$36,200	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$40,200	2037	* *	5	$31,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
AcousTileSusp.Lay-In	25%			2037	* *	5	$78,000	
Exposed Struc: Concrete	20%			LIFE	* *	5	$9,800	
Exposed Struc: Steel	2%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$39,000	
Metal Panel	3%			LIFE	* *	5	$11,700	
Plaster	20%			LIFE	* *	5	$39,000	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2052	* *			
Iron Picket	65%			2052	* *			
Masonry: Brick	5%			2042	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$25,000	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 80th Street								
On-Site Walkways								
Asphalt	5%			2041	* *			
Cast in Place Concrete	90%			2045	* *			
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	98%			2041	* *			
Rubber Matting	2%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2032	$41,100	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Amperes And One 1,200 Amperes								
Fused Disc Sw	20%			2032	$10,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Min Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2030	$26,700	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Kilovolt-ampere 480/277 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$325,100	5	$900	
Raceway								
Conduit	65%			2032	$219,100	1		
Conduit	35%			2032	$118,000	1		
Panelboards								
Fused Knife Sw	5%	Now	$17,000	2057	* *	5	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Blower Power Panel								
Fused Toggle Switch	15%	Now	$50,900	2057	* *	5	$300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Panel Lp-bb In Basement								
Molded Case Bkrs	80%			2031	$271,400	5	$4,200	
Wiring								
Braided Cloth	30%	Now	$134,800	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Old Section Of The Building								
Thermoplastic	70%			2032	$314,500	1		
Motor Controllers								
Locally Mounted	60%			2030	$108,900	5	$800	
Motor Control Center	40%			2030	$290,800	5	$2,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	$26,800	1	$61,500	
Generators								
Diesel	100%			2028	$138,700	1	$77,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One 250 Kilovolt-ampere								

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$44,600	
Fuel Storage								
Day Tank	50%			2031	$12,800	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : No Available Capacity Rating								
Main Tank	50%			2035	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$176,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Service	60%			2037	* *	1		
Exit, Service	40%			2027	$34,500	1		
Exterior Lighting								
HID	10%	Now	$4,700	2037	* *			
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 100%								
Location : Building Exterior								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$22,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inside And Outside								
Explanation : 40 CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$31,000	2037	* *	1-3	$33,600	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Air Handling Unit 4								
Explanation : Trouble Signal Displayed For Duct Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$198,100	
Other Observation, Extent : N/A, Area Affected : 70%								
Location : Basement Boiler Room								
Explanation : 3 Units And 2 Heat Exchangers In Penthouse For Hot Water Devices								
Distribution								
Hot Wtr Piping/Pump	30%			2040	* *	4	$4,400	
Steam Piping/Pump	50%			2042	* *			
Steam Piping/Pump	20%	Now	$6,400	2052	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room Vacuum Pump								
Terminal Devices								
Air Handler	20%	Now	$37,600	2032	$752,700	1	$22,300	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Controls For Kitchen And Cafeteria Units								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Air Handler Unit Ahu-1 Steam Coil								
Convector/Radiator	60%			2037	* *	1	$38,800	
Fan Coil Unit/Heat	20%			2032	$991,700	1	$12,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2032	$885,200	1	$27,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse Machinery Room								
Window/Wall Unit	65%			2027	$492,500	1		
No Component	5%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2042	* *	4	$3,000	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2037	* *	1	$37,100	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2032	$165,000	2	$41,800	
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Roof								
Explanation : 2 Units								
No Component	70%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	$17,600	LIFE	* *	2-5	$11,200	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections At Fans And Air Handling Units								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$44,600	
No Component	50%							
Exhaust Fans								
Interior	30%			2032	$266,100	2	$1,800	
Roof	20%	Now	$1,600	2032	$77,600	2	$1,000	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	13%	Now	$6,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Basement								
Cast Iron	87%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$40,000	4	$6,300	
Backflow Preventer								
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Fan Room In Basement								
Explanation : Water Service In Fan Room								
Generic	50%			2037	* *	1	$6,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2052	* *	1-5	$25,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2032	$276,600	1-2	$5,600	
Chemical System								
No Component	97%							
Generic	3%			2027	$2,400	1-3	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 151 - BX / P. S. 31 - BX**
Address : **250 EAST 156 STREET BET CONCOURSE VILLAGE W. AND E.**
Borough : **BRONX** | **Agency's Number** : **X151**
Program / Asset # : **BOE0288.000 / 386** | **Yr Built/Renovated** : **1971 / 2014**
Area Sq Ft : **171,000** | **Project Type** : **EDUCATION**
Date of Survey : **24-Jan-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2443** **Lot** : **190** **BIN** : **2002458**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$822,000	$1,681,600
Interior Architecture	$33,283,200	$3,562,800
Electrical	$245,700	$1,655,900
Mechanical	$1,274,400	$5,719,100
Site Pavements	$52,800	
Total	**$35,678,200**	**$12,619,400**
Importance Code A	$1,044,500	$6,173,000
Importance Code B	$34,633,700	$6,446,300
Total	**$35,678,200**	**$12,619,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$15,500		$16,100
Interior Architecture	$60,400	$36,200	$1,700	
Electrical	$6,800	$21,900	$5,700	$4,800
Mechanical	$47,000	$12,800	$38,400	$12,800
Site Pavements	$5,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$124,000**	**$90,400**	**$49,700**	**$37,700**
Importance Code A		$15,900	$15,900	$16,100
Importance Code B	$84,100	$74,500	$33,900	$21,600
Importance Code C	$39,900			
Total	**$124,000**	**$90,400**	**$49,700**	**$37,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	100%	Now	$822,000	LIFE	* *	5	$188,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2052	* *	5	$32,300	
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5	$14,800	
Metal Rail	15%			2043	* *	5-10	$53,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$12,400	
Roof								
Built-Up (BUR)	95%			2030	$1,375,000	10	$117,800	
Copper/Terne	5%			2045	* *	10	$15,500	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$58,900	
Ceramic Tile	3%			2039	* *	5	$8,100	
Ceramic Tile	2%			2043	* *	5	$5,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Toilet Room								
Slate	5%			LIFE	* *	5	$14,300	
Vinyl Tile	5%			2035	* *	3	$5,100	
Vinyl Tile 9" X 9"	70%			2025	$33,283,200	3	$70,700	
Wood	5%			2045	* *	5	$25,300	
Interior Walls								
Ceramic Tile	2%			2043	* *	5	$4,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Toilet								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,100	
Masonry: Brick	5%			LIFE	* *			
Operable Wall	3%	4+	$39,900	2050	* *	5	$12,000	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Plaster	55%			LIFE	* *	5	$37,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	75%			2028	$3,251,300	5	$252,600	
AcousTileSusp.Lay-In	5%			2043	* *	5	$13,500	
Exposed Struc: Concrete	10%			LIFE	* *	5	$4,200	
Plaster	10%	4+	$16,400	LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Staircase C, H, E, G And A								
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : Room 210								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	70%			2050	* *			
Iron Picket	30%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	60%			2065	* *			
Masonry: Brick	40%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$5,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : East 156th Street								
On-Site Walkways								
Asphalt	100%			2039	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	100%	4+	$52,800	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2030	$10,300	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	40%			2030	$20,600	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	20%			2030	$10,300	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	25%			2035	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kilovolt-ampere 480 Pri-208/120 Secondary								
Dry Type	25%			2028	$6,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kilovolt-ampere 480 Pri-208/120 Secondary								
Dry Type	25%			2028	$6,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 30 Kilovolt-ampere 480pri-208/120 Secondary								
Dry Type	25%			2028	$6,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 75 Kilovolt-ampere 480pri-208/120 Secondary								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$260,100	5	$600	
Fused Disc Sw	20%			2040	* *	5	$100	
Raceway								
Conduit	90%			2030	$303,400	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$33,900	5	$400	
Molded Case Bkrs	80%			2029	$271,400	5	$3,600	
Molded Case Bkrs	10%			2038	* *	5	$500	
Wiring								
Thermoplastic	90%			2030	$404,300	1		
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$145,200	5	$900	
Locally Mounted	20%			2035	* *	5	$200	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,300	
Generic	50%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$150,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	30%			2025	$86,100	10	$12,400	
Emergency, Battery	20%			2038	* *	10	$8,300	
Exit, LED	45%			2065	* *	1		
Exit, Service	5%			2025	$3,700	1		
Exterior Lighting								
HID	20%			2025	$159,600	10	$100	
HID	10%			2030	$79,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$19,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside The Building								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$31,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Radiant Heater	100%	0-2	$222,500	2030	$4,450,400	2	$63,400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : About 200 Units								
Terminal Devices								
Air Handler	25%			2030	$804,500	1	$26,400	
Induction Unit	75%			2026	$475,500	1	$41,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	20%			2035	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 10 Units. R-410a								
Window/Wall Unit	30%	0-2	$116,600	2030	$194,300	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
Explanation : Obsolete Units								
Window/Wall Unit	30%			2025	$194,300	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2035	* *	1	$11,100	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2035	* *	2	$23,800	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,400	
Exhaust Fans								
Interior	20%			2030	$151,700	2	$1,000	
Roof	80%	0-2	$26,500	2025	$265,400	2	$3,400	
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$12,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Roof								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$118,200	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 155 - BX**
Address : **470 JACKSON AVENUE @ E. 147TH STREET**
Borough : **BRONX**
Agency's Number : **X155**
Program / Asset # : **BOE0292.000 / 1190**
Yr Built/Renovated : **1967 / 2015**
Area Sq Ft : **168,000**
Project Type : **EDUCATION**
Date of Survey : **25-Sep-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2578** **Lot** : **27** **BIN** : **2003910**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$680,300	$3,185,400
Interior Architecture	$35,974,400	$798,600
Electrical	$231,600	$1,110,400
Mechanical	$3,661,200	$2,416,700
Total	**$40,547,500**	**$7,511,100**
Importance Code A	$680,300	$4,739,700
Importance Code B	$38,840,900	$2,710,100
Importance Code C	$1,026,300	$61,300
Total	**$40,547,500**	**$7,511,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$75,100			
Interior Architecture	$51,200	$3,300	$12,500	$23,400
Electrical	$6,000	$6,200	$35,000	$8,000
Mechanical	$89,400	$25,700	$105,400	$25,700
Site Enclosure	$15,800			
Site Pavements	$47,200			
Total	**$284,700**	**$35,200**	**$153,000**	**$57,000**
Importance Code A	$92,700	$17,700	$17,700	$18,000
Importance Code B	$149,200	$17,600	$135,300	$39,000
Importance Code C	$42,800			
Total	**$284,700**	**$35,200**	**$153,000**	**$57,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	2-4	$49,100	LIFE	* *	5	$20,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Interior Courtyard At Third Floor Lintel								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Jackson Avenue								
Explanation : Concrete Repainted At Cracks								
Masonry: Brick	40%	2-4	$270,500	LIFE	* *	5	$32,800	
Efflorescence, Extent : Severe, Area Affected : 20%								
Location : Along Roof Joint								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Concord Ave								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Roof Chimney								
Masonry: Brick	10%	4+	$19,600	LIFE	* *	5	$8,200	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor And Basement								
Explanation : Glazed Brick								
Metal/Glass Curt Wall	40%			LIFE	* *	5	$61,600	
Metal Coiling Doors	5%	4+	$8,800	2036	* *	5	$6,400	
Corrosion/Rusting, Extent : Light, Area Affected : 30%								
Location : East 147th Street								
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Second Door From Jackson Avenue								
Windows								
Aluminum	100%			2053	* *	5	$21,500	
Parapets								
Masonry: Brick	80%	2-4	$86,100	LIFE	* *	5	$13,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Roof								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Roof								
Metal Security Bars	15%			2046	* *			
Pre-Cast Concrete	5%	4+	$1,400	LIFE	* *	5	$5,400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Staining								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	5%			2031	$83,300	10	$7,100	
IRMA/Protected Membrane	90%	Now	$304,000	2031	$3,040,400			
Drains Inad/Misposn, Extent : Severe, Area Affected : 20%								
Location : Third Floor And First Floor Roofs								
Gravel/Stone Ballast, Extent : Light, Area Affected : 5%								
Location : Third Floor Roof At Exposed Insulation								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Third Floor Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Third Floor And First Floor Roofs								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Third Floor Roof								
Explanation : Water Penetration Through Classrooms 304, 323, 325 And Exit 6. Failure At Patched Area.								
Metal Panel	5%			2044	* *	10	$13,100	
Soffits								
Cast in Place Concrete	100%	4+	$2,700	LIFE	* *	5	$2,300	
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : All Entry And Exit Door Soffits								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Mechanical Floors								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Mechanical Rooms And Basement								
Explanation : Epoxy Coated								
Ceramic Tile	3%	Now	$180,600	2046	* *	5	$4,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen And Bathrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Bathrooms And Kitchen								
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%			2044	* *	5	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Accessible Bathroom								
Explanation : Recently Renovated								
Terrazzo	5%			LIFE	* *	5	$10,400	
Vinyl Tile	10%			2031	$737,400	3	$10,000	
Vinyl Tile 9" X 9"	70%	2-4	$659,500	2026	$32,976,500	3	$70,100	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Dance Studio Office								
Wood	5%			2046	* *	5	$25,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$367,700	2046	* *	5	$5,600	
Adhesion Failure, Extent : Severe, Area Affected : 20%								
Location : Base Of All Bathrooms And Kitchen								
Loose Units, Extent : Severe, Area Affected : 20%								
Location : Base Of All Bathrooms And Kitchen								
Ceramic Tile	2%			2044	* *	5	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Accessible Bathroom								
Explanation : Recent Renovation								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,400	
Folding Partition	5%			2039	* *	5	$46,400	
Glazed Ceramic Panel	5%	2-4	$142,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Lobby Mural								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Lobby								
Plaster	55%	0-2	$99,400	LIFE	* *	5	$61,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Teachers Lounge And Dance Studio								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Dance Studio								
SGFT/Glazed Masonry	25%	2-4	$417,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairwells								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Stairwells								

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DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$630,500	2051	* *	5	$32,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Basement, Corridors And Teachers Lounge								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Basement, Corridors And Teachers Lounge								
AcousTileSusp.Lay-In	1%			2048	* *	5	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Custodian Office								
Explanation : Custodian Office								
Exposed Struc: Concrete	64%	2-4	$501,000	LIFE	* *	5	$26,100	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Classrooms And Stair 6								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%	4+	$21,600	LIFE	* *	5	$16,300	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%	4+	$800	2044	* *	5	$1,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : East 145th Street								
Iron Picket	95%	4+	$15,000	2051	* *			
Impact Damage, Extent : Light, Area Affected : 2%								
Location : Jackson Avenue								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Concord Avenue								
Explanation : Painting Of Fence Completed								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$45,900	2036	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : East 147th Street Jackson Avenue And Concord Avenue								

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DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry And Exit Stair								
Explanation : Steps And Landing								
Activity Yard								
Asphalt	100%	4+	$1,300	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Courtyard								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Courtyard								
Explanation : Vegetation Growth Through Cracks								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	10%			2031	$29,300	5	$100	
Molded Case Bkrs	90%			2057	* *	5	$4,000	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	60%			2030	$203,600	5	$2,700	
Molded Case Bkrs	30%			2053	* *	5	$1,300	
Wiring								
Thermoplastic	80%			2031	$319,600	1		
Thermoplastic	10%			2057	* *	1		
Thermoplastic	10%			2031	$40,000	1		
Motor Controllers								
Locally Mounted	70%			2029	$127,000	5	$800	
Locally Mounted	30%			2036	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$160,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	25%			2026	$74,800	10	$10,800	
Emergency, Battery	25%			2039	* *	10	$10,800	
Exit, Service	25%			2026	$19,200	1		
Exit, Service	25%			2039	* *	1		
Exterior Lighting								
HID	20%			2026	$156,800	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$18,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$32,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Mechanical Room								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Alarm Bells, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$55,200	
Conversion Equipment								
Steam Boiler	95%			2029	$1,476,700	1	$167,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No.3 Oil Fired Steam Boilers. Boilers Recommended For Replacement								
Steam Boiler	5%			2029	$77,700	1	$8,800	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Damaged, Extent : Moderate, Area Affected : 35%								
Location : Damaged Refractory On Boiler No.1, Boiler No.1 Nearing Limit For Plugged Tubes, 12 Plugged Tubes								
Insul. Deteriorating, Extent : Moderate, Area Affected : 35%								
Location : Boiler No.1								

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DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	80%	0-2	$1,203,500	2041	* *	4	$7,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Condensate Pump Out Of Service								
Central Plant Steam Piping/Pmp	10%	Now	$300,900	2061	* *	4	$900	
Corroded, Extent : Severe, Area Affected : 1%								
Location : Boiler Room Next To The Domestic Hot Water Tanks								
Steam Piping/Pump	10%			2041	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Area								
Explanation : Corroded Distribution Piping								
Terminal Devices								
Air Handler	30%			2026	$1,006,800	1	$33,100	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Fan Room Above The Auditorium Serving Auditorium And Gymnasium								
Convector/Radiator	70%			2036	* *	1	$40,300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Rusted Leaking Hot Water								
Air Conditioning								
Energy Source								
Electricity	10%			2047	* *	1		
No Component	90%							
Conversion Equipment								
Window/Wall Unit	80%			2026	$540,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,400	
Exhaust Fans								
Interior	20%			2026	$158,200	2	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Fan Room Above The Auditorium								
Roof	80%	2-4	$27,700	2026	$276,800	2	$3,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Few Roof Exhaust Fans Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	5%	Now	$34,400	2041	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Main Water Valves, Meter Room, Basement								
Brass/Copper	95%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Oil Fired	100%	2-4	$1,800	2024	$88,300	1		
Corroded, Extent : Severe, Area Affected : 90%								
Location : Badly Leaking And Corroded								
Other Observation, Extent : Severe, Area Affected : 90%								
Location : Basement								
Explanation : Hot Water Storage Tank Is Recommended For Replacement. Ineffiecient/energy Waste By Using Boiler To Produce Hot Water								
HW Heat Exchanger								
Steam Fired	100%	0-2	$86,200	2031	$862,300	4	$17,600	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2026	$35,700	4	$3,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$5,000	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 158 - BX**		
Address	: **800 HOME STREET BTWN: TINTON AVE., UNION AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X158**
Program / Asset #	: **BOE0295.000 / 390**	**Yr Built/Renovated**	: **1974 / 2010**
Area Sq Ft	: **187,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2671** **Lot** : **11**	**BIN**	: **2004868**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$246,300	$2,685,300
Interior Architecture	$1,436,400	$347,500
Electrical	$1,133,100	$1,751,900
Mechanical	$1,048,500	$4,591,600
Site Pavements	$89,700	
Total	**$3,954,000**	**$9,376,300**
Importance Code A	$246,300	$2,736,600
Importance Code B	$3,537,900	$6,408,300
Importance Code C	$169,800	$231,400
Total	**$3,954,000**	**$9,376,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,800	$8,000		$37,100
Interior Architecture	$63,600	$7,300		$28,300
Electrical	$17,400	$76,400	$7,000	$5,300
Mechanical	$44,700	$100,600	$64,200	$43,700
Site Enclosure	$13,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$160,000**	**$196,200**	**$75,100**	**$118,300**
Importance Code A	$36,600	$26,900	$18,500	$55,600
Importance Code B	$62,600	$169,300	$56,600	$62,700
Importance Code C	$60,800			
Total	**$160,000**	**$196,200**	**$75,100**	**$118,300**

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DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	15%			LIFE	* *	5	$12,800	
Masonry: Brick Cavity	78%	4+	$116,000	LIFE	* *	5	$66,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Metal Panel	5%			2050	* *	5-10	$29,400	
Mosaic Tile	2%			2050	* *	10	$5,300	
Windows								
Aluminum	98%			2052	* *	5	$74,200	
Metal Louvers	2%	Now	$16,800	2039	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$8,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,900	
Roof								
IRMA/Protected Membrane	95%	4+	$130,300	2030	$2,605,800			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Around Exits 2 And 3								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exits 2 And 3								
Metal Panel	5%			2043	* *	10	$10,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$31,800	
Ceramic Tile	2%	Now	$16,400	2039	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Ceramic Tile	3%			2043	* *	5	$8,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Toilet Room								
Quarry Tile	2%			2043	* *	5	$8,700	
Terrazzo	2%			LIFE	* *	5	$4,500	
Vinyl Tile	68%	Now	$545,500	2035	* *	3	$74,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	10%	Now	$240,700	2040	* *	3	$10,900	
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Throughout Auditorium								
Wood	8%			2058	* *	5	$43,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2043	* *	5	$6,300	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Toilet Rooms								
Ceramic Tile	2%			2033	$231,400	5	$4,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Masonry: Brick	10%	Now	$80,100	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Electrical Room C2 In Basement								
Plaster	50%			LIFE	* *	5	$31,500	
SGFT/Glazed Masonry	5%	0-2	$47,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exit C Landing On Fourth Floor								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Exit C Landing On Fourth Floor								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	55%	Now	$102,800	2043	* *	5	$79,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
AcousTile,Adhered	25%	Now	$467,300	2050	* *	5	$36,300	
Worn/Eroded, Extent : Severe, Area Affected : 40%								
Location : Gymnasium, Cafeteria, Auditorium								
AcousTileSusp.Lay-In	5%			2035	* *	5	$14,500	
Exposed Struc: Concrete	10%			LIFE	* *	5	$4,500	
Plaster	5%			LIFE	* *	5	$9,100	
Site Enclosure								
Fence/Gates								
Chain Link	70%	4+	$13,600	2050	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Driveway and Tinton Street								
Iron Picket	30%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$89,700	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout, Entry Plaza								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%			2033				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2030	$12,800	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	75%			2030	$38,500	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Three Main Service Switches, No Nameplate Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$325,100	5	$800	
Raceway								
Conduit	95%			2030	$320,300	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	3%			2046	* *	5	$100	
Fused Disc Sw	7%			2029	$23,800	5	$300	
Molded Case Bkrs	65%			2029	$220,500	5	$3,200	
Molded Case Bkrs	25%			2046	* *	5	$1,200	
Wiring								
Thermoplastic	90%			2030	$404,300	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$90,700	5	$600	
Locally Mounted	25%			2043	* *	5	$300	
Motor Control Center	25%			2028	$181,800	5	$1,300	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2038	* *	10	$157,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2035	* *	10	$6,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
Incandescent	2%			2025	$103,600	2	$100	
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$156,900	10	$22,600	
Exit, Service	50%			2025	$40,300	1		
Exterior Lighting								
HID	100%			2025	$872,600	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2033	$49,900	5	$1,200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$21,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$34,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$57,900	
Conversion Equipment								
Steam Boiler	98%			2043	* *	1	$181,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Steam Boilers								
Steam Boiler	2%	0-2	$1,600	2043	* *	1	$3,300	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : No. 2 Burner, Boiler Room								
Explanation : Defective Burner								
Distribution								
Steam Piping/Pump	100%			2040	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2030	$1,055,700	1	$34,700	
Convector/Radiator	65%			2028	$993,900	1	$39,300	
Fan Coil Unit/Heat	5%			2030	$231,800	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	0-2	$496,600	2040	* *	1	$23,400	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Chiller, Penthouse								
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Chiller, Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Two 80 Ton Units, Penthouse								
Window/Wall Unit	40%			2025	$283,400	1		
No Component	30%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2030	$63,500	4	$2,800	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	$762,000	1	$34,700	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2025	$180,200	2	$39,100	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,300	
Exhaust Fans								
Interior	30%	0-2	$5,000	2030	$248,800	2	$1,400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Exhaust								
Roof	70%	0-2	$5,100	2030	$254,000	2	$3,200	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2025	$88,300	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$904,200	4	$18,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$37,400	4	$4,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$94,300	
Sprinkler								
No Component	97%							
Generic	3%			2030	$77,600	1-2	$1,600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 162 - BK (J. H. S. 162 - BK)**		
Address	: **1390 WILLOUGHBY AVENUE @ST. NICHOLAS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K162**
Program / Asset #	: **BOE0462.000 / 1331**	**Yr Built/Renovated**	: **1909 / 2008**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3212** **Lot** : **1**	**BIN**	: **3073018**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$79,900	$130,500
Interior Architecture	$174,500	$1,978,600
Electrical	$170,100	$442,000
Mechanical	$129,000	$862,200
Total	**$553,500**	**$3,413,200**
Importance Code A	$208,900	$130,500
Importance Code B	$269,600	$3,227,100
Importance Code C	$75,000	$55,600
Total	**$553,500**	**$3,413,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$3,200		$11,400
Interior Architecture	$99,600		$8,500	$6,700
Electrical	$5,000	$7,500	$5,000	$5,400
Mechanical	$11,000	$27,200	$13,600	$87,800
Site Enclosure	$800			
Site Pavements	$2,200			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$123,500**	**$42,900**	**$32,000**	**$116,200**
Importance Code A		$10,600	$7,300	$18,900
Importance Code B	$122,700	$32,400	$24,700	$97,300
Importance Code C	$800			
Total	**$123,500**	**$42,900**	**$32,000**	**$116,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	3%			2052	* *	10	$10,500	
Masonry: Brick	87%			LIFE	* *	5	$130,500	
Masonry: Limestone	7%			LIFE	* *	5	$7,900	
Metal Panel	3%			2042	* *	5-10	$30,900	
Windows								
Aluminum	97%	4+	$79,900	2040	* *	5	$8,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Lexan Panes Throughout								
Metal Louvers	3%			2035	* *	10	$3,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Masonry: Brick	90%			LIFE	* *	5	$12,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Roof								
Copper/Terne	3%			2047	* *	10	$3,000	
Under Construction	97%							
Interior								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	Now	$10,400	2052	* *	5	$1,400	
Uneven Surface, Extent : Severe, Area Affected : 100%								
Location : Stairwells B, C, D, E								
Cast in Place Concrete	8%	0-2	$15,300	LIFE	* *	5	$19,700	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Spaces								
Ceramic Tile	3%	Now	$19,100	2035	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Staff And 3rd Floor Bathrooms								
Marble Panels	2%	Now	$9,900	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entry Stairs								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Main Entry Stairs								
Quarry Tile	3%	0-2	$5,000	2037	* *	5	$2,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Terrazzo	4%	0-2	$8,400	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	60%			2032	$1,868,500	3	$25,400	
Vinyl Tile 9" X 9"	10%	Now	$99,500	2042	* *	3	$4,200	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor Corridor								
Wood	5%			2047	* *	5	$10,600	
Interior Walls								
Ceramic Tile	5%	Now	$75,000	2041	* *	5	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Staff And 3rd Floor Bathrooms								
Masonry: Brick	7%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Under Repair								
Marble Panels	5%			LIFE	* *			
Plaster	68%			LIFE	* *	5	$55,600	
SGFT/Glazed Masonry	15%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	10%	Now	$31,500	LIFE	* *	5	$1,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Ash Hoist Hatch								
Masonry: Infill Arch	5%			LIFE	* *			
Metal Panel	2%			LIFE	* *	5	$2,600	
Plaster	76%			LIFE	* *	5	$49,800	
Plaster	7%			LIFE	* *	5	$4,600	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%	Now	$800	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gate								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	60%			2037	* *			
Masonry: Granite	10%			LIFE	* *			
Pavers/Stone	30%			2041	* *			
Activity Yard								
Traffic Topping	80%	Now	$2,200	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Track								
Not Accessible	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Playground								
Explanation : Inaccessible, Construction Fencing								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	70%			2032	$101,200	1		
Conduit	30%			2042	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$300	
Locally Mounted	30%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$66,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$62,100	10	$8,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%	Now	$69,100	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : School Yard								
HID	10%			2027	$34,500	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$8,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2040	* *	1-3	$45,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$129,000	2037	* *	1	$66,000	
Broken, Extent : Severe, Area Affected : 50%								
Location : Basement, Boiler Two Section Leaking.								
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Basement, Louver Does Not Open, Manually Operated.								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Convector/Radiator	95%			2030	$574,900	1	$22,700	
Unit Heater - Steam	5%			2027	$21,000	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2027	$42,100	1		
No Component	35%							
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : New Window Unit For All Class Room Is Under Construction								
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$24,800	
No Component	40%							
Exhaust Fans								
Roof	10%			2027	$14,400	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2042	* *	1		
Galvanized Steel	25%			2030	$236,200	1		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Water Main One Is Active And Water Main Two Has Been Decommissioned.								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
On Extended Life, Extent : Light, Area Affected : 50%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	0-2	$5,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Sump Pump(s)								
Non-Submersible	100%	Now	$3,000	2032	$14,800	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Backflow Preventer								
Generic	100%			2037	* *	1	$4,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$51,200	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 162 - BX**
Address : **600 SAINT ANN'S AVENUE @E. 149 STREET**
Borough : **BRONX**
Agency's Number : **X162**
Program / Asset # : **BOE0298.000 / 179**
Yr Built/Renovated : **1971 / 2000**
Area Sq Ft : **176,000**
Project Type : **EDUCATION**
Date of Survey : **13-Dec-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2616** **Lot** : **1**
BIN : **2004314**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$216,700	$373,500
Interior Architecture	$41,173,400	$659,700
Electrical	$316,000	$1,337,400
Mechanical	$466,700	$2,588,100
Total	**$42,172,800**	**$4,958,800**
Importance Code A	$216,700	$1,647,000
Importance Code B	$41,327,300	$3,311,800
Importance Code C	$628,900	
Total	**$42,172,800**	**$4,958,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$52,700			$16,200
Interior Architecture	$61,800			$29,600
Electrical	$4,900	$5,100	$25,400	$3,900
Mechanical	$41,900	$40,000	$77,400	$33,200
Site Enclosure	$29,900			
Site Pavements	$22,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$217,200**	**$49,100**	**$106,800**	**$86,800**
Importance Code A	$82,000	$17,400	$17,800	$33,600
Importance Code B	$113,600	$31,600	$89,000	$53,200
Importance Code C	$21,600			
Total	**$217,200**	**$49,100**	**$106,800**	**$86,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$148,500	
Painted Surfaces, Extent : Light, Area Affected : 15%								
Location : Bottom Quarter Of All Facades								
Metal Panel	5%	2-4	$12,300	2051	* *	5	$17,400	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	15%	Now	$40,400	LIFE	* *	5	$90,500	
Expansion Joint Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Facades								
Windows								
Aluminum	100%			2047	* *	5	$32,300	
Parapets								
Pre-Cast Concrete	100%	4+	$87,000	LIFE	* *	5	$134,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2036	* *	10	$129,700	
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$73,900	
Mosaic Tile	5%	Now	$950,700	2051	* *	5	$21,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Toilet Rooms And Kitchen								
Patching Evident, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 4th Floor Boys Toilet								
Terrazzo	5%			LIFE	* *	5	$13,200	
Vinyl Tile	5%			2036	* *	3	$8,400	
Vinyl Tile 9" X 9"	65%	Now	$774,900	2026	$38,743,000	3	$82,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Classrooms								
Wood	10%			2059	* *	5	$63,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$492,300	2046	* *	5	$7,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Toilets								
Concrete Masonry Unit	10%	4+	$56,100	LIFE	* *	5	$11,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement Boiler Room								
Folding Partition	2%			2039	* *	5	$14,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$22,400	
SGFT/Glazed Masonry	3%	0-2	$80,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lunch Room								
SGFT/Glazed Masonry	50%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%	Now	$76,100	2044	* *	5	$59,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%								
Location : Corridors								
Exposed Struc: Concrete	45%			LIFE	* *	5	$23,700	
Fiber Board	10%			2031	$526,800			
Plaster	10%	Now	$20,500	LIFE	* *	5	$21,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	35%			2051	* *			
Iron Picket	65%	4+	$14,100	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout Perimeter								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : St. Ann's Avenue								
Explanation : Gates Broken								
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$15,800	2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard Retaining Wall On St. Ann's Avenue								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$22,000	2044	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : St. Ann's Avenue								
On-Site Walkways								
Asphalt	70%			2040	* *			
Cast in Place Concrete	30%			2044	* *			
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$46,300	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 And One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2031	$227,600	5	$500	
Fused Disc Sw	30%			2041	* *	5	$200	
Raceway								
Conduit	90%			2031	$303,400	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	70%			2030	$237,500	5	$3,200	
Molded Case Bkrs	20%			2039	* *	5	$900	
Wiring								
Thermoplastic	80%			2031	$359,400	1		
Thermoplastic	20%			2041	* *	1		
Motor Controllers								
Locally Mounted	10%			2036	* *	5	$100	
Locally Mounted	90%			2029	$163,300	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2036	* *	10	$148,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	2%			2036	* *	10	$3,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
LED	6%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$21,200	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	15%	Now	$123,200	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
Explanation : Not Working								
HID	5%			2026	$41,100	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$13,200	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$22,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$54,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Oil Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	20%	0-2	$15,300	2036	* *	1	$31,400	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room. Cold Water Feed Line Leaking								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Steam Boiler	80%			2029	$1,227,200	1	$139,400	
Distribution								
Steam Piping/Pump	100%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2031	$828,000	1	$27,200	
Other Observation, Extent : Light, Area Affected : 25%								
Location : Fan Room								
Explanation : 5 Units With Heating Coils								
Convector/Radiator	75%			2044	* *	1	$42,600	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	20%			2036	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various								
Explanation : 8 Split Units								
Window/Wall Unit	70%			2026	$466,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : 5 Percent Of Window Units Are Not Working								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$98,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Room								
Explanation : Five Blowers								
Exhaust Fans								
Interior	25%			2031	$195,100	2	$1,300	
Roof	75%			2031	$256,100	2	$4,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2051	* *	1		
Galvanized Steel	20%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$26,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$35,200	4	$3,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 70%								
Location : Various								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,500	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	**: I. S. 164 - M**		
Address	**: 401 WEST 164 STREET BTWN: EDGECOMBE AVE,AMSTERDAM AV**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M164**
Program / Asset #	**: BOE0099.000 / 1651**	**Yr Built/Renovated**	**: 1930 / 2010**
Area Sq Ft	**: 96,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 20-Feb-2019**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 2111** **Lot : 24**	**BIN**	**: 1062636**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$644,200	$131,200
Interior Architecture	$1,072,500	$151,100
Electrical	$688,300	$386,400
Mechanical	$357,900	$1,709,700
Total	**$2,762,900**	**$2,378,400**
Importance Code A	$644,200	$131,200
Importance Code B	$1,981,700	$2,247,200
Importance Code C	$137,000	
Total	**$2,762,900**	**$2,378,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$55,400	$7,700		
Interior Architecture	$8,400	$4,400	$10,500	
Electrical	$33,000	$2,200	$1,900	$2,200
Mechanical	$90,900	$32,400	$22,600	$13,500
Site Pavements	$15,800			
Total	**$203,400**	**$46,700**	**$35,000**	**$15,700**
Importance Code A	$64,900	$17,500	$9,500	$9,500
Importance Code B	$130,100	$29,300	$25,500	$6,200
Importance Code C	$8,400			
Total	**$203,400**	**$46,700**	**$35,000**	**$15,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	4+	$216,100	LIFE	* *	5	$131,200	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Street Facades								
Masonry: Granite	5%			LIFE	* *	5	$5,800	
Masonry: Limestone	1%	Now	$2,400	LIFE	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Window Sill At Stair Bulkhead								
Masonry: Limestone	9%			LIFE	* *	5	$10,400	
Windows								
Aluminum	100%	Now	$428,100	2046	* *	5	$22,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Masonry: Brick	75%	Now	$39,200	LIFE	* *	5	$15,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Inner Courtyard South Facing Parapet								
Masonry: Limestone	25%			LIFE	* *	5	$6,500	
Roof								
Built-Up (BUR)	95%	Now	$13,700	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Room 429 And Stair A								
Copper/Terne	5%			2045	* *	10	$7,700	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$70,500	
Ceramic Tile	5%			2039	* *	5	$8,100	
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : First Floor Bathrooms								
Quarry Tile	2%			2043	* *	5	$4,800	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Kitchen								
Terrazzo	4%			LIFE	* *	5	$5,000	
Vinyl Tile	52%			2035	* *	3	$31,400	
Vinyl Tile 9" X 9"	2%			2025	$568,800	3	$1,200	
Wood	15%	2-4	$288,300	2045	* *	5	$22,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Ridging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$8,700	
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : First Floor Bathrooms								
Masonry: Brick	10%	4+	$66,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Marble Panels	2%			LIFE	* *			
Plaster	83%	Now	$70,500	LIFE	* *	5	$43,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 429 And Stair A								
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$8,100	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,800	
Plaster	80%	0-2	$78,400	LIFE	* *	5	$80,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Room 429 And Stair A								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2040	* *			
Iron Picket	90%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,700	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 165th Street Side								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$2,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Southeast Corner Of Building At Entrance								
Masonry: Granite	10%	4+	$2,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Stair Treads At Entrances								
Parking/Driveway								
Asphalt	100%			2033				
Activity Yard								
Asphalt	100%			2033				

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electric Service Room								
Explanation : 2,000 Ampere Switch 1,200 Ampere Fuse								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$204,800	5	$400	
Fused Disc Sw	10%			2050	* *	5		
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	80%	2-4	$191,600	2055	* *	5	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2046	* *	5	$300	
Wiring								
Braided Cloth	90%	0-2	$262,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	85%	0-2	$60,900	2050	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room And Boiler Room								
Locally Mounted	15%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$83,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasiums								
Explanation : LED Observed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2030	$23,700	1		
Exit, Service	30%	Now	$7,500	2040	* *	1		
Damaged Fixtures, Extent : Moderate, Area Affected : 50%								
Location : 3rd And 4th Floors								
Exit, Service	30%			2035	* *	1		
Exterior Lighting								
HID	20%	Now	$89,600	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter And Yard								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$36,000	1	$7,200	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	Now	$24,800	2030	$49,500	1-3	$10,800	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor								
Explanation : Pull Station Does Not Send A Signal To The Main Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : No. 2 Oil 10,000 Gallon Tank - Gas Pressure Booster Pump								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$95,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$15,400	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement And Boiler Room								
Explanation : Return Pipe In Supply Room And Condensate Pump Leaking.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2030	$451,600	1	$14,800	
Convector/Radiator	35%			2035	* *	1	$10,900	
Fan Coil Unit/Heat	40%			2030	$952,100	1	$12,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2025	$272,800	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,500	
Exhaust Fans								
Interior	50%	Now	$85,200	2030	$212,900	2	$1,200	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Toilet And House Exhaust Fans, Basement Fan Room								
Roof	50%			2030	$93,100	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$24,700	2040	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main In Basement								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up During Heavy Rain In Supply Room And Basement								
Sump Pump(s)								
Non-Submersible	100%			2030	$19,200	4	$2,000	
Sewage Ejector(s)								
Electric	100%	0-2	$30,200	2040	* *	4	$3,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Undersized In Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,400	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 166 - BK (J. H. S. 166 - BK)**		
Address	: **800 VAN SICLEN AVENUE @ LINDEN BLVD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K166**
Program / Asset #	: **BOE0466.000 / 1335**	**Yr Built/Renovated**	: **1956 / 2011**
Area Sq Ft	: **143,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4349** **Lot** : **50**	**BIN**	: **3097675**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,020,000	$124,200
Interior Architecture	$752,900	$91,000
Electrical	$755,100	$527,900
Mechanical	$613,700	$4,038,100
Total	**$3,141,700**	**$4,781,100**
Importance Code A	$1,020,000	$1,461,500
Importance Code B	$1,942,400	$3,319,600
Importance Code C	$179,300	
Total	**$3,141,700**	**$4,781,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,500			$25,900
Interior Architecture	$93,000	$5,400		$26,300
Electrical	$2,100	$2,100	$53,700	$2,700
Mechanical	$74,700	$21,300	$51,800	$28,900
Site Enclosure	$13,200			
Site Pavements	$400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$221,900**	**$32,700**	**$109,500**	**$87,900**
Importance Code A	$49,700	$15,200	$15,500	$41,100
Importance Code B	$139,200	$12,200	$94,000	$43,400
Importance Code C	$32,900	$5,400		$3,400
Total	**$221,900**	**$32,700**	**$109,500**	**$87,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$511,300	LIFE	* *	5	$124,200	
Graffiti, Extent : Light, Area Affected : 2%								
Location : Linden Blvd Side								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : Band At Ground Level								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkhead By Windows								
Other Observation, Extent : Severe, Area Affected : 1%								
Location : 3rd Floor Above Exit 4								
Explanation : Non-repaired Probe Hole								
Panel: Limestone	5%			LIFE	* *	5	$4,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Windows								
Aluminum	100%			2047	* *	5	$51,900	
Parapets								
Masonry: Brick	85%	0-2	$26,800	LIFE	* *	5	$4,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$300	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Rail	10%			2044	* *	5-10	$9,000	
Roof								
Built-Up (BUR)	98%			2036	* *	10	$156,700	
Skylight, Plastic	2%	0-2	$352,000	2051	* *	1		
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Skylight Glazing								
Soffits								
Cast in Place Concrete	50%	2-4	$2,200	LIFE	* *	5	$3,700	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Exit 2 Canopy								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Exit 2 Canopy								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Exit 2 Canopy								
Panel: Limestone	50%			LIFE	* *	5	$600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$11,500	
Quarry Tile	5%			2044	* *	5	$17,200	
Terrazzo	5%			LIFE	* *	5	$9,000	
Vinyl Tile	55%			2036	* *	3	$63,100	
Vinyl Tile 9" X 9"	25%	Now	$506,600	2041	* *	3	$21,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Throughout 2nd And 3rd Floors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 60%								
Location : Throughout 2nd And 3rd Floors								
Wood	5%	0-2	$34,200	2046	* *	5	$10,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Classrooms 2nd Floor								
Interior Walls								
Ceramic Tile	4%			2040	* *	5	$10,700	
Concrete Masonry Unit	5%	Now	$25,200	LIFE	* *	5	$5,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Water Meter Room								
Folding Partition	1%			2047	* *	5	$6,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%	Now	$179,300	LIFE	* *	5	$44,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$66,900	2044	* *	5	$20,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%	4+	$3,500	2036	* *	5	$5,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,600	
Plaster	70%			LIFE	* *	5	$91,000	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 166 - BK (J. H. S. 166 - BK)
Asset # : 1335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%			2051	* *			
Iron Picket	40%	0-2	$7,400	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Gate On Stanley Avenue Side								
Retaining Walls								
Cast in Place Concrete	100%	4+	$5,800	2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Areaway, Van Siclen Avenue Side								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Areaway, Van Siclen Avenue Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	80%	2-4	$400	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Park Facing Side								
Cast in Place Concrete	20%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2051	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2031	$29,300	5	$100	
Fused Disc Sw	90%			2051	* *	5	$600	
Raceway								
Conduit	85%			2031	$245,500	1		
Conduit	15%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Molded Case Bkrs	60%			2047	* *	5	$2,300	
Molded Case Bkrs	30%			2030	$89,800	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$319,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	90%			2029	$163,300	5	$900	
Locally Mounted	10%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$132,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	6%			2036	* *			
Egress Lighting								
Emergency, Battery	40%			2026	$103,000	10	$14,800	
Emergency, Battery	10%			2036	* *	10	$3,700	
Exit, Service	50%			2026	$33,100	1		
Exterior Lighting								
HID	30%			2026	$200,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2036	* *	1	$5,300	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2036	* *	1-3	$9,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2051	* *	5	$47,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 10,000 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2029	$1,337,300	1	$151,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$122,900	2041	* *			
Corroded, Extent : Severe, Area Affected : 100%								
Location : Fedder Pump In Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump Main Header In Boiler Room								
Terminal Devices								
Air Handler	20%			2031	$577,400	1	$19,000	
Convector/Radiator	80%	Now	$20,100	2029	$1,003,700	1	$35,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Staiway And Hallway								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	Now	$34,900	2031	$58,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various								
Window/Wall Unit	55%			2031	$319,700	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$42,800	
No Component	50%							
Exhaust Fans								
Interior	30%			2026	$204,100	2	$1,400	
Roof	70%			2026	$208,400	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	80%	0-2	$78,300	2036	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Water Main Valve In Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$741,900	4	$15,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit Passenger								
One Handicap Left Fron Outside To Ist Floor								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 166 - BX**		
Address	: **250 EAST 164 STREET @ MORRIS AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X166**
Program / Asset #	: **BOE0300.000 / 2605**	**Yr Built/Renovated**	: **1972 / 2009**
Area Sq Ft	: **157,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2446** **Lot** : **43**	**BIN**	: **2002497**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$179,700
Interior Architecture	$244,000	
Electrical	$478,300	$1,856,100
Mechanical	$690,000	$1,221,600
Total	**$1,412,400**	**$3,257,400**
Importance Code A	$273,700	$231,100
Importance Code B	$1,138,700	$3,026,300
Total	**$1,412,400**	**$3,257,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,600			
Interior Architecture	$89,500	$30,300	$3,500	$3,500
Electrical	$9,300	$6,300	$5,900	$57,400
Mechanical	$52,200	$23,100	$49,400	$72,400
Site Enclosure	$33,400			
Site Pavements	$68,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$318,700**	**$63,700**	**$62,700**	**$137,300**
Importance Code A	$61,600	$15,500	$15,500	$15,900
Importance Code B	$196,100	$36,200	$47,100	$121,400
Importance Code C	$61,000	$12,000		
Total	**$318,700**	**$63,700**	**$62,700**	**$137,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$87,000	
Masonry: Brick	80%			LIFE	* *	5	$92,800	
Mosaic Tile	5%	4+	$13,400	2058	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Various Facades								
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$17,700	
Masonry: Brick	85%			LIFE	* *	5	$13,000	
Roof								
Modified Bitumen	100%	4+	$48,200	2042	* *			
Ponding, Extent : Light, Area Affected : 5%								
Location : Several Locations At Main Roof								
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,600	
Ceramic Tile	5%			2041	* *	5	$7,000	
Mosaic Tile	4%			2045	* *	5	$14,000	
Quarry Tile	2%			2045	* *	5	$4,200	
Terrazzo	1%			LIFE	* *	5	$1,100	
Vinyl Tile	53%			2037	* *	3	$27,800	
Vinyl Tile	20%	4+	$77,300	2037	* *	3	$10,500	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors								
Wood	5%	2-4	$166,800	2067	* *	5	$6,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Gymnasium								
Deteriorated Finish, Extent : Severe, Area Affected : 90%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$10,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Acid Tank Platform, Basement								
Ceramic Tile	5%			2035	* *	5	$6,800	
Concrete Masonry Unit	5%	Now	$12,900	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Boiler Room Shop								
Folding Partition	5%			2040	* *	5	$17,100	
Mosaic Tile	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$16,400	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	50%	2-4	$45,000	2037	* *	5	$35,000	
Broken/Missing Elements, Extent : Light, Area Affected : 40%								
Location : Classrooms								
Exposed Struc: Concrete	35%			LIFE	* *	5	$7,600	
Metal Panel	5%			LIFE	* *	5	$8,700	
Plaster	10%	0-2	$21,300	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms 430, 432 And 434								
Site Enclosure								
Fence/Gates								
Chain Link	19%	Now	$22,800	2052	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Grant Avenue								
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Grant Avenue And Morris Avenue								
Iron Picket	81%	4+	$10,600	2076	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : East 164th Street								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : East 164th Street								
Explanation : Iron Picket Fence Curb Is Broken And Chipped In Some Areas. Exposed Rebars								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$25,100	2049	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : East 164th Street								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$4,300	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Various								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	Now	$39,300	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Rear Of Building Between Morris Avenue And Grant Avenue								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$5,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$292,600	5	$700	
Raceway								
Conduit	100%			2032	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$400	
Molded Case Bkrs	90%			2031	$269,400	5	$3,700	
Wiring								
Thermoplastic	100%			2032	$399,600	1		
Motor Controllers								
Locally Mounted	25%			2030	$45,400	5	$300	
Locally Mounted	5%	Now	$5,400	2052	* *	5		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Boiler								
Motor Control Center	70%			2030	$508,900	5	$3,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$129,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	8%			2037	* *	10	$11,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	2%			2037	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2027	$131,800	10	$18,900	
Exit, Service	50%			2027	$33,800	1		
Exterior Lighting								
HID	20%			2027	$146,500	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$58,900	1	$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horns, Smoke Detectors, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2052	* *	5	$48,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 15,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	0-2	$273,700	2045	* *	1	$139,900	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room. No.3 Boiler Not Working								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2042	* *	4	$7,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2032	$590,900	1	$19,400	
Convector/Radiator	80%	Now	$20,500	2037	* *	1	$36,500	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : Steam Traps Faulty								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%			2032	$115,800	1	$3,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof. Serves The 4th Floor Only								
Ext Pkg Unit - Heating/Cooling	5%			2032	$131,900	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	70%			2027	$416,300	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	5%			2042	* *	4	$400	
No Component	95%							
Terminal Devices								
Air Handler/Cool/Ht	5%			2037	* *	1	$4,900	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 3 Rooftop Units On The Roof . Using R410a.								
No Component	95%							
Heat Rejection								
Dry Cooler	5%			2032	$28,800	2	$5,500	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,500	
Exhaust Fans								
Interior	20%			2032	$139,300	2	$1,000	
Roof	80%	Now	$24,400	2032	$243,700	2	$3,100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Motor Burnout On The Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	5%			2030	$1,200	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Meter Room								
Explanation : Instantaneous / Serves Laboratories								
Gas Fired	95%			2027	$16,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Gas Fired Instantaneous / Backs Up When Boiler Is Offline								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$15,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$31,400	4	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Unit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$2,200	
Chemical System								
No Component	90%							
Generic	10%			2027	$8,200	1-3	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 174 - BX**
Address : **456 WHITE PLAINS ROAD @LACOMBE AVE.**
Borough : **BRONX** | **Agency's Number** : **X174**
Program / Asset # : **BOE0302.000 / 378** | **Yr Built/Renovated** : **1972 / 2002**
Area Sq Ft : **169,000** | **Project Type** : **EDUCATION**
Date of Survey : **25-Feb-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3478** **Lot** : **18** **BIN** : **2020580**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$90,600	$143,800
Interior Architecture	$2,119,300	$388,100
Electrical	$189,400	$1,558,800
Mechanical	$1,643,500	$1,399,400
Total	**$4,042,800**	**$3,490,000**
Importance Code A	$90,600	$1,594,500
Importance Code B	$3,404,900	$1,895,500
Importance Code C	$547,300	
Total	**$4,042,800**	**$3,490,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,800			$19,000
Interior Architecture	$9,500		$42,800	$24,900
Electrical	$4,400	$5,100	$51,900	$4,000
Mechanical	$89,700	$36,600	$99,700	$24,100
Site Enclosure	$35,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$148,900**	**$45,700**	**$198,300**	**$75,900**
Importance Code A	$65,900	$16,700	$17,100	$35,700
Importance Code B	$47,400	$28,900	$181,200	$40,200
Importance Code C	$35,600			
Total	**$148,900**	**$45,700**	**$198,300**	**$75,900**

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DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	100%			LIFE	* *	5	$143,800	
Windows								
Aluminum	97%			2047	* *	5	$38,000	
Metal Louvers	3%			2040	* *	10	$7,300	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$25,200	
Metal Rail	2%			2044	* *	5-10	$9,600	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,000	
Roof								
Modified Bitumen	100%			2036	* *	10	$90,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$27,200	
Ceramic Tile	5%			2034	* *	5	$12,400	
Mosaic Tile	2%	Now	$280,100	2051	* *	5	$6,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Kitchen, Toilet Rooms 126 And 128								
Terrazzo	3%			LIFE	* *	5	$5,800	
Vinyl Tile	80%	Now	$1,099,700	2036	* *	3	$74,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Patching Evident, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	5%			2046	* *	5	$23,300	
Interior Walls								
Ceramic Tile	5%	Now	$181,600	2040	* *	5	$5,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Kitchen And Boys And Girls Toilet On 1st Floor								
Concrete Masonry Unit	14%			LIFE	* *	5	$12,300	
Folding Partition	2%	Now	$365,700	2056	* *	5	$5,500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Gypsum Board	5%			LIFE	* *	5	$6,600	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Plaster	44%			LIFE	* *	5	$29,000	
SGFT/Glazed Masonry	15%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2036	* *	5	$62,200	
AcousTileConcealSpLn	8%	Now	$192,200	2051	* *	5	$12,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Cafeteria, Library Room 131								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Library Room 131, Room 137, Cafeteria								
Patching Evident, Extent : Severe, Area Affected : 40%								
Location : Library Room 131								
Exposed Struc: Concrete	40%			LIFE	* *	5	$15,500	
Fiber Board	10%			2031	$388,100			
Metal Panel	2%	4+	$3,300	LIFE	* *	5	$6,200	
Deformed/Dented, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Plaster	15%			LIFE	* *	5	$23,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%	4+	$35,600	2066	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	95%			2031	$278,000	5	$700	
Fused Disc Sw	5%			2051	* *	5		
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	80%			2030	$271,400	5	$3,600	
Molded Case Bkrs	10%			2047	* *	5	$400	
Wiring								
Thermoplastic	90%			2031	$359,600	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	82%			2039	* *	10	$127,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	6%			2036	* *	10	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Stairways								
Explanation : Compact Fluorescent Lighting Fixtures								
Fluorescent	10%			2039	* *	10	$15,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$20,400	
Exit, Service	25%			2026	$18,200	1		
Exit, Service	25%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$157,700	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2026	$31,700	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$21,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Pull Box Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$52,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks No. 4 Fuel Oil								
Conversion Equipment								
Steam Boiler	5%	0-2	$44,200	2051	* *	1	$7,500	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Deteriorating Boiler Insulation								
Steam Boiler	95%			2029	$1,399,400	1	$159,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Pit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three No.4 Oil Burning Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$12,500	
Terminal Devices								
Air Handler	25%	Now	$159,000	2026	$795,100	1	$23,500	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Fan Room. Four Blowers For Supply, Return And Exhaust Defective Due To Defective Motor, Broken Shaft And Belt								
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Fan Room								
Convector/Radiator	74%			2036	* *	1	$40,400	
Convector/Radiator	1%	0-2	$4,100	2044	* *	1	$500	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Second Floor. Two Radiators Leaking								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%	Now	$20,100	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Elevator Room. Split Unit In Elevator Room Out Of Service								
Window/Wall Unit	40%			2026	$256,100	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,200	
Exhaust Fans								
Interior	25%			2026	$187,400	2	$1,300	
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Fan Room								
Roof	75%			2026	$245,900	2	$3,900	
On Extended Life, Extent : Moderate, Area Affected : 75%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	75%			2036	* *	1		
Galvanized Steel	5%			2044	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$25,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$33,800	4	$3,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room Pit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 180 - BX**		
Address	: **700 BAYCHESTER AVENUE BTWN: BARTOW AVE., DONIZETTI PL.**		
Borough	: **BRONX**	**Agency's Number**	: **X180**
Program / Asset #	: **BOE0305.000 / 366**	**Yr Built/Renovated**	: **1972 / 2009**
Area Sq Ft	: **160,850**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-May-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5141** **Lot** : **150**	**BIN**	: **2097470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$378,800	$174,000
Interior Architecture	$895,200	$7,019,000
Electrical	$147,500	$1,477,900
Mechanical	$6,373,600	$156,100
Total	**$7,795,100**	**$8,826,900**
Importance Code A	$785,100	$225,300
Importance Code B	$6,474,100	$7,634,600
Importance Code C	$536,000	$967,000
Total	**$7,795,100**	**$8,826,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,700			
Interior Architecture	$101,500	$11,300		$24,100
Electrical	$7,400	$6,100	$5,400	$6,000
Mechanical	$80,500	$91,300	$86,400	$35,000
Site Pavements	$8,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$227,600**	**$112,600**	**$95,800**	**$69,100**
Importance Code A	$46,000	$8,300	$8,000	$8,000
Importance Code B	$124,700	$104,300	$87,900	$61,100
Importance Code C	$56,900			
Total	**$227,600**	**$112,600**	**$95,800**	**$69,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%	Now	$61,700	LIFE	* *	5	$37,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$2,600	
Pre-Cast Concrete	40%			LIFE	* *	5	$88,600	
Windows								
Aluminum	100%	Now	$317,100	2038	* *	5	$16,600	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : West Side Elevation And All Floors								
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$10,900	
Metal Rail	10%			2043	* *	5-10	$49,000	
Pre-Cast Concrete	50%			LIFE	* *	5	$85,300	
Roof								
Built-Up (BUR)	100%	Now	$25,700	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooftop Unit Curb Flashing								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$18,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Mechanical Area In Basement								
Ceramic Tile	5%	Now	$33,900	2033	$678,700	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Vinyl Tile	80%	Now	$266,000	2030	$5,320,700	3	$72,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridor, Cafeteria, Stairs And Classrooms Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Corridor, Cafeteria, Stairs And Classrooms Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor								
Wood	5%			2045	* *	5	$22,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$48,300	2033	$967,000	5	$8,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	13%	4+	$85,900	LIFE	* *	5	$18,300	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : 1st Floor Classroom								
Folding Partition	2%	Now	$292,100	2038	* *	5	$8,800	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Classrooms And Cafeteria								
Metal Panel	15%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$42,200	
SGFT/Glazed Masonry	25%	0-2	$158,000	LIFE	* *			
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Ceilings								
AcousTileConcealSpLn	25%	Now	$93,200	2050	* *	5	$36,200	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
AcousTileSusp.Lay-In	25%			2043	* *	5	$57,900	
Exposed Struc: Concrete	45%			LIFE	* *	5	$16,300	
Metal Panel	5%	0-2	$19,200	LIFE	* *	5	$14,500	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	4+	$8,500	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : South Lot								
Ponding, Extent : Light, Area Affected : 5%								
Location : South Lot								
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2,500 Ampere Main Service Switch								
Transformers								
Dry Type	100%			2028	$26,700	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 225 Kilovolt-ampere, One 75 Kilovolt-ampere And One 15 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$234,100	5	$600	
Molded Case Bkrs	20%			2050	* *	5	$800	
Raceway								
Conduit	95%			2030	$274,400	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2029	$67,900	5	$700	
Molded Case Bkrs	30%			2046	* *	5	$1,300	
Molded Case Bkrs	50%			2029	$169,600	5	$2,100	
Wiring								
Thermoplastic	95%			2030	$379,600	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2035	* *	5	$500	
Motor Control Center	50%			2043	* *	5	$2,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$147,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2030	$135,000	10	$19,400	
Exit, Service	50%			2030	$34,700	1		
Exterior Lighting								
LED	20%			2035	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2040	* *	1	$12,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors In The Hallways								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2030	$166,000	1-3	$40,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-cellar Mechanical Room								
Explanation : Hot Water Provided From Nearby Co-op City								
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%	0-2	$20,300	2026	$406,200	1	$71,600	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$35,200	2038	* *	4	$7,900	
Broken, Extent : Severe, Area Affected : 30%								
Location : Two Of Three Booster Pumps In The Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%	0-2	$75,700	2025	$1,513,500	1	$44,800	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Unit Curbs On Roof								
Convector/Radiator	50%			2035	* *	1	$26,000	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%	2-4	$1,139,000	2040	* *	1	$53,700	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Two Chillers In The Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Refrigerant Type R22								
Split Unit	5%			2035	* *			
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2040	* *	4	$7,100	
Ductwork/Diffusers	40%	Now	$240,200	LIFE	* *	2	$83,700	
Insul. Deteriorating, Extent : Severe, Area Affected : 80%								
Location : Insulation On Inside Of The Duct Collapsing								
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	$2,652,900	1	$99,500	
Heat Rejection								
Air Cooled Condenser Unit	80%	2-4	$190,000	2040	* *	2	$71,700	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Outside Yard								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside Yard								
Explanation : Beyond Useful Life								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,700	
Exhaust Fans								
Roof	50%			2025	$156,100	2	$2,500	
Roof	50%			2030	$156,100	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
HTHW/HW	100%			2040	* *			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$6,400	2025	$32,200	4	$3,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Float In Pit In Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement, Basement To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$81,100	
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 181 - BX**
Address : **800 BAYCHESTER AVENUE BTWN: BARTOW AVE., DONIZETTI PL.**
Borough : **BRONX** | **Agency's Number** : **X181**
Program / Asset # : **BOE0306.000 / 4414** | **Yr Built/Renovated** : **1972 / 2009**
Area Sq Ft : **160,850** | **Project Type** : **EDUCATION**
Date of Survey : **14-May-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **5141** **Lot** : **150** **BIN** : **2097470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$171,200	$170,800
Interior Architecture	$572,300	$7,358,600
Electrical	$459,200	$3,851,600
Mechanical	$5,726,600	$5,111,400
Site Pavements		$1,371,400
Total	**$6,929,300**	**$17,863,700**
Importance Code A	$171,200	$628,400
Importance Code B	$6,616,900	$15,343,800
Importance Code C	$141,200	$1,891,500
Total	**$6,929,300**	**$17,863,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$16,600	
Interior Architecture	$98,600	$29,000		$27,100
Electrical	$8,700	$39,500	$5,200	$6,000
Mechanical	$26,800	$60,100	$98,600	$36,000
Site Enclosure	$21,000			
Site Pavements	$90,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$250,000**	**$132,400**	**$124,300**	**$73,100**
Importance Code A	$8,000	$8,300	$24,600	$8,000
Importance Code B	$127,900	$124,100	$99,700	$65,100
Importance Code C	$114,100			
Total	**$250,000**	**$132,400**	**$124,300**	**$73,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%	0-2	$61,000	LIFE	* *	5	$37,000	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : North West Corner And Stair Towers								
Masonry: Granite	5%			LIFE	* *	5	$2,500	
Pre-Cast Concrete	40%			LIFE	* *	5	$87,600	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$33,300	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$10,600	
Metal Rail	10%			2043	* *	5-10	$47,800	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	50%			LIFE	* *	5	$83,200	
Roof								
Built-Up (BUR)	100%			2035	* *	10	$110,200	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$18,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$36,900	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Basement Chiller Room And Throughout								
Ceramic Tile	3%	0-2	$20,400	2033	$407,200	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Vinyl Tile	16%	Now	$319,200	2030	$1,064,100	3	$14,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Stairs And Cafeteria Throughout								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Corridors, Stairs And Cafeteria Throughout								
Vinyl Tile	74%			2030	$4,921,600	3	$89,100	

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DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$48,300	2033	$965,600	5	$8,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	**	5	$14,000	
Folding Partition	3%	Now	$72,900	2038	**	5	$13,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 40%								
Location : Classrooms And Cafeteria								
Folding Partition	2%			2038	**	5	$17,600	
Metal Panel	15%			LIFE	**			
Plaster	40%	0-2	$68,300	LIFE	**	5	$42,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classroom 261 And Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Classroom 261 And Throughout								
SGFT/Glazed Masonry	25%			LIFE	**			
Ceilings								
AcousTileConcealSpLn	20%			2035	**	5	$57,900	
AcousTileConcealSpLn	10%	Now	$111,800	2035	**	5	$14,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Corridor Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Corridors Throughout								
AcousTileSusp.Lay-In	10%	Now	$7,700	2035	**	5	$11,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Exposed Struc: Concrete	60%			LIFE	**	5	$21,700	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$19,600	2050	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : At West Parking Lot								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$1,500	2065	**			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Loading Dock								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%	0-2	$46,300	2033	$925,900			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Lot And Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : North Lot And Throughout								
Activity Yard								
Asphalt	100%	Now	$44,500	2033	$445,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Yard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : North Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes								
Transformers								
Dry Type	100%			2035	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 225 Kilovolt-ampere, One 75 Kilovolt-ampere, One 15 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$263,300	5	$600	
Molded Case Bkrs	10%			2050	* *	5	$400	
Raceway								
Conduit	80%			2030	$231,100	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$400	
Fused Disc Sw	30%			2029	$101,800	5	$1,100	
Molded Case Bkrs	10%			2046	* *	5	$400	
Molded Case Bkrs	50%			2029	$169,600	5	$2,100	
Wiring								
Thermoplastic	80%			2030	$319,600	1		
Thermoplastic	20%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2035	* *	5	$200	
Motor Control Center	80%			2043	* *	5	$3,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$2,349,800	10	$144,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	2%			2025	$89,100	2	$100	
Egress Lighting								
Emergency, Battery	20%			2025	$54,000	10	$7,800	
Emergency, Battery	30%			2035	* *	10	$11,600	
Exit, Service	20%			2025	$13,900	1		
Exit, Service	30%			2035	* *	1		
Exterior Lighting								
HID	20%			2025	$150,100	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	18%			2030	$54,400	1	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only, Motion Sensors In The Hallways								
Generic	2%	Now	$6,000	2040	* *	1	$1,100	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%	4+	$166,000	2030	$166,000	1-3	$36,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors And Manual Pull Stations Are In The Hallways, Fan Sets Off Duct Detectors, Devices And Parts Are Obsolete								

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DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-Cellar Mechanical Room								
Explanation : Hot Water Provided From Nearby Co-Op City								
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%			2033	$406,200	1	$79,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2038	* *	4	$7,900	
Terminal Devices								
Air Handler	50%	4+	$454,000	2030	$1,513,500	1	$44,800	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Roof Unit Provide Insufficient Heat								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
Convector/Radiator	50%			2028	$657,700	1	$26,000	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%	Now	$711,900	2040	* *	1	$33,600	
Broken, Extent : Severe, Area Affected : 50%								
Location : One Of Two Units In Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Reciprocating Compr/Chiller	50%	0-2	$711,900	2040	* *	1	$33,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Distribution								
CW & CHW Wtr Pipe/Pump	60%	Now	$3,100	2030	$156,100	4	$4,800	
Broken, Extent : Severe, Area Affected : 5%								
Location : Valve Broken At Roof Unit No. 5								
Ductwork/Diffusers	40%	Now	$282,600	LIFE	* *	2	$83,700	
Insul. Deteriorating, Extent : Severe, Area Affected : 100%								
Location : Insulation On Inside Of The Duct Is Collapsing								

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DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	$3,121,100	1	$99,500	
Heat Rejection								
Air Cooled Condenser Unit	100%	2-4	$279,400	2040	* *	2	$89,600	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Outside Yard								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Yard								
Explanation : Beyond Useful Life								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,700	
Exhaust Fans								
Roof	100%	Now	$62,400	2030	$312,100	2	$3,900	
Broken, Extent : Severe, Area Affected : 20%								
Location : Toilet Exhaust Fans On The Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$103,300	2030	$2,065,800	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Explanation : Valves And Flushometers Failing And Due To Age No Replacement Parts								
HW Heat Exchanger								
HTHW/HW	100%			2040	* *			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$32,200	4	$3,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement, Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$81,100	
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$1,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 184 - BX**		
Address	: **778 FOREST AVENUE @ E. 158 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X184**
Program / Asset #	: **BOE0309.000 / 369**	**Yr Built/Renovated**	: **1975 / 2011**
Area Sq Ft	: **175,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2655** **Lot** : **30**	**BIN**	: **2004690**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$447,800	$97,300
Interior Architecture	$307,800	$258,700
Electrical	$284,300	$1,881,200
Mechanical	$750,900	$4,587,800
Total	**$1,790,800**	**$6,825,000**
Importance Code A	$447,800	$97,300
Importance Code B	$1,035,200	$6,727,700
Importance Code C	$307,800	
Total	**$1,790,800**	**$6,825,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$83,300	$17,200		$4,100
Interior Architecture	$60,100	$23,300	$5,200	$9,700
Electrical	$4,400	$6,400	$6,400	$33,700
Mechanical	$112,100	$68,000	$59,400	$114,700
Site Enclosure	$12,200			
Site Pavements	$89,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$365,100**	**$118,900**	**$74,900**	**$166,300**
Importance Code A	$100,600	$34,500	$17,300	$21,800
Importance Code B	$222,300	$84,400	$57,600	$144,500
Importance Code C	$42,200			
Total	**$365,100**	**$118,900**	**$74,900**	**$166,300**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$27,600	
Cast Stone/Terra Cotta	5%	Now	$175,900	LIFE	* *	5	$43,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Columns								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : At Columns								
Masonry: Brick	88%			LIFE	* *	5	$97,300	
Metal Panel	2%			2052	* *	5-10	$15,200	
Windows								
Aluminum	100%	Now	$45,700	2048	* *	5	$24,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$142,700	LIFE	* *	5	$12,200	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Parapet Coping Stones								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Parapet Coping Stones								
Masonry: Brick	80%	4+	$31,800	LIFE	* *	5	$12,600	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 2%								
Location : Vertical Expansion Joint At Parapet								
Metal Rail	10%			2045	* *	5-10	$28,400	
Roof								
Modified Bitumen	100%			2037	* *	10	$129,200	
Soffits								
Stucco Cement	100%	4+	$5,700	2045	* *	5	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$45,400	
Ceramic Tile	5%			2041	* *	5	$10,400	
Quarry Tile	2%			2045	* *	5	$6,200	
Vinyl Tile	78%			2037	* *	3	$60,600	
Wood	5%			2047	* *	5	$19,400	
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$8,900	
Operable Wall	2%	Now	$207,600	2062	* *	5	$7,800	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Lunchroom								
Plaster	55%			LIFE	* *	5	$36,800	
SGFT/Glazed Masonry	25%	4+	$100,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Corridor								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	Now	$40,000	2037	* *	5	$31,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 4th Floor Corridors								
AcousTileConcealSpLn	30%	Now	$20,000	2045	* *	5	$38,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Lunchroom								
Exposed Struc: Concrete	20%			LIFE	* *	5	$6,500	
Fiber Board	8%			2032	$258,700			
Metal Panel	2%			LIFE	* *	5	$5,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$13,000	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2052	* *			
Iron Picket	70%	4+	$8,200	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Perimeter Of School								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : East 158th Street, Tinton Avenue								
Retaining Walls								
Cast in Place Concrete	100%	4+	$4,000	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$46,900	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Sidewalk. Various Locations								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$34,100	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Ramp And Throughout								
Activity Yard								
Asphalt	95%			2041	* *			
Pavers/Stone	5%	4+	$8,200	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Center Courtyard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Photovoltaic Panel(s)	10%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Three 36 Kilowatts Solar Inverter With Output Current Of 43.3 Amperes And Operating Voltage Of 480 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$325,100	5	$800	
Raceway								
Conduit	95%			2032	$320,300	1		
Conduit	5%			2058	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$27,100	5	$300	
Fused Disc Sw	2%			2054	* *	5	$100	
Molded Case Bkrs	85%			2031	$288,400	5	$3,900	
Molded Case Bkrs	5%			2054	* *	5	$200	
Wiring								
Thermoplastic	95%			2032	$426,800	1		
Thermoplastic	5%			2058	* *	1		
Motor Controllers								
Locally Mounted	60%			2030	$108,900	5	$700	
Motor Control Center	35%			2030	$254,500	5	$1,700	
Variable Frequency Drive	5%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	10%			2040	* *	10	$16,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement Hallway, Fan Room 3rd Floor And Fitness Room								
Fluorescent	88%			2040	* *	10	$141,200	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	30%			2027	$88,100	10	$12,700	
Emergency, Battery	20%			2037	* *	10	$8,400	
Exit, Service	40%			2037	* *	1		
Exit, Service	10%			2027	$7,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2027	$163,300	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : 42 CCTV Surveillance Camera								
Generic	10%			2027	$32,900	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$32,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Bell, Horn, Stobe Lights, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2042	* *	5	$54,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 15000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$173,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Three Boilers								
Distribution								
Central Plant Steam Piping/Pmp	90%			2042	* *	4	$7,800	
Steam Piping/Pump	10%	Now	$7,000	2052	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Feed Water Piping And Vacuum Pump Leaking								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Locations. Stream Traps Malfunctioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2032	$658,600	1	$21,600	
Convector/Radiator	60%			2045	* *	1	$33,900	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2032	$1,032,700	1	$32,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Mechanical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Mechanical Room								
Explanation : 2 Dunham Chillers								
Window/Wall Unit	60%			2027	$397,800	1		
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2052	* *	4	$5,200	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2032	$2,716,500	1	$86,600	
Fan Coil - 4 Pipe	20%			2037	* *	1	$11,300	
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$121,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Two Dunham Bush Air Cooled Condensers								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,600	
Exhaust Fans								
Interior	20%			2037	* *	2	$1,100	
Roof	80%	Now	$81,500	2027	$271,700	2	$3,400	
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$44,700	2045	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Badly Corroded Water Main. May Burst If Not Replaced.								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Main Shut Off Valve								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Oil Fired	100%			2031	$88,300	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 250 Gallon Capacity.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$14,000	2032	$35,000	4	$3,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement. The Two Sump Pumps Are Not Working								
Sewage Ejector(s)								
Electric	100%			2032	$91,600	4	$10,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$88,200	
Sprinkler								
No Component	70%							
Generic	30%			2052	* *	1-2	$14,700	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 187 CHRISTA MCAULIFFE SCHOOL - BK**		
Address	: **1171 65TH STREET BTWN: 11 AVE., 12 AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K486**
Program / Asset #	: **BOE0638.000 / 1230**	**Yr Built/Renovated**	: **1923 / 2015**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5745** **Lot** : **29**	**BIN**	: **3142008**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$76,800	$478,500
Interior Architecture	$289,100	$2,433,100
Electrical	$1,390,300	$441,100
Mechanical	$340,200	$845,300
Total	**$2,096,300**	**$4,198,000**
Importance Code A	$76,800	$478,500
Importance Code B	$1,730,500	$3,719,500
Importance Code C	$289,100	
Total	**$2,096,300**	**$4,198,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$33,700	
Interior Architecture	$92,500	$5,400		$11,000
Electrical	$55,500	$114,800	$1,500	$1,500
Mechanical	$50,900	$15,600	$18,600	$11,200
Site Pavements	$500			
Total	**$199,400**	**$135,800**	**$53,700**	**$23,600**
Importance Code A	$53,000	$7,700	$41,400	$7,700
Importance Code B	$141,200	$128,100	$12,300	$15,900
Importance Code C	$5,300			
Total	**$199,400**	**$135,800**	**$53,700**	**$23,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 187 CHRISTA MCAULIFFE SCHOOL - BK

Asset # : 1230

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$105,300	
Masonry: Brick	80%			LIFE	* *	5	$107,800	
Masonry: Granite	5%			LIFE	* *	5	$5,100	
Metal Panel	5%			2056	* *	5-10	$46,300	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Rooftop Bulkheads								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Stair And Mechanical Room Bulkheads								
Explanation : Stainless Steel Cladding								
Windows								
Wood	100%	Now	$76,800	2046	* *	5	$191,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Thermally Inefficient, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$14,400	
Masonry: Brick	90%			LIFE	* *	5	$16,800	
Roof								
Metal Panel	5%			2043	* *	10	$7,200	
Modified Bitumen	95%			2038	* *	10	$74,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Stair Bulkheads								
Explanation : Overhang Over Doors								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,700	
Ceramic Tile	5%			2039	* *	5	$5,900	
Quarry Tile	5%			2043	* *	5	$8,800	
Terrazzo	5%	4+	$27,400	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	75%			2030	$2,433,100	3	$44,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 187 CHRISTA MCAULIFFE SCHOOL - BK

Asset # : 1230

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$144,800	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Various Areas In Basement								
Ceramic Tile	5%			2039	* *	5	$9,500	
Gypsum Board	10%			LIFE	* *	5	$11,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	4+	$84,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	Now	$60,200	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Room 512								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : First Floor Corridor And Gymnasium								
Ceilings								
AcousTile,Adhered	10%			2035	* *	5	$10,900	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,600	
Metal Panel	5%			LIFE	* *	5	$6,800	
Plaster	70%	Now	$46,400	LIFE	* *	5	$47,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Room 512 And Other Various Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Iron Picket	30%			2050	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2050	* *			
Retaining Walls								
Concrete Masonry Unit	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2035	* *			
Pavers/Stone	20%	Now	$500	2033	$25,400			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Main Entry Steps								
Activity Yard								
Asphalt	90%			2039	* *			
Cast in Place Concrete	10%			2035	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 187 CHRISTA MCAULIFFE SCHOOL - BK

Asset # : 1230

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$45,300	2060	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%	2-4	$195,100	2060	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2030	$115,700	1		
Conduit	20%	Now	$600	2040	* *	1		
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Explanation : Broken Conduit								
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	80%			2029	$143,700	5	$1,600	
Molded Case Bkrs	10%			2038	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$159,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	78%			2025	$906,900	10	$55,800	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	10%			2030	$116,300	10	$7,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 10%								
Location : Basement								
Incandescent	2%			2025	$43,200	2		
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : LEDs Observed								

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DEPARTMENT OF EDUCATION - 040

I. S. 187 CHRISTA MCAULIFFE SCHOOL - BK

Asset # : 1230

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2030	$65,500	10	$9,400	
Exit, Service	50%			2030	$16,800	1		
Exterior Lighting								
HID	20%	Now	$7,300	2025	$72,800			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$29,300	1	$5,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$40,200	1-3	$9,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 10,000 Gallon No. 2 Oil								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$77,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%			2050	* *			
Terminal Devices								
Air Handler	25%			2030	$367,000	1	$12,100	
Convector/Radiator	75%			2028	$478,400	1	$18,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	80%			2024	$236,400	1		
No Component	15%							

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DEPARTMENT OF EDUCATION - 040
I. S. 187 CHRISTA MCAULIFFE SCHOOL - BK
Asset # : 1230

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	
Exhaust Fans								
Interior	100%	Now	$103,800	2035	* *	2	$1,900	
Broken, Extent : Severe, Area Affected : 100%								
Location : Penthouse								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Roof Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$20,000	2040	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 85 Gallons								
Sanitary Piping								
Cast Iron	100%	0-2	$19,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : House Trap Consistently Clogs								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,600	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,100	
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 192 - BX**
Address : **650 HOLLYWOOD AVENUE BTWN: RANDALL AVE., SCHLEY AVE.**
Borough : **BRONX** | **Agency's Number** : **X192**
Program / Asset # : **BOE0310.000 / 370** | **Yr Built/Renovated** : **1973 / 2010**
Area Sq Ft : **146,000** | **Project Type** : **EDUCATION**
Date of Survey : **09-May-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **5438** **Lot** : **1** | **BIN** : **2077130**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$591,200	$250,800
Interior Architecture	$795,900	$5,289,500
Electrical	$754,800	$1,532,600
Mechanical	$1,675,900	$4,400,300
Site Pavements	$192,500	
Total	**$4,010,300**	**$11,473,100**
Importance Code A	$1,354,800	$286,800
Importance Code B	$2,454,700	$11,186,300
Importance Code C	$200,900	
Total	**$4,010,300**	**$11,473,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$29,500			
Interior Architecture	$30,200			$21,600
Electrical	$16,300	$34,800	$4,900	$4,100
Mechanical	$102,700	$70,000	$43,200	$25,400
Site Enclosure	$3,700			
Site Pavements	$7,400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$197,600**	**$112,600**	**$56,000**	**$59,000**
Importance Code A	$29,500	$14,800	$14,500	$14,500
Importance Code B	$164,500	$97,800	$41,500	$44,500
Importance Code C	$3,700			
Total	**$197,600**	**$112,600**	**$56,000**	**$59,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	$29,500	LIFE	* *	5	$24,600	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Behind Electrical Panel At Conduit								
Masonry: Brick Cavity	90%	4+	$257,300	LIFE	* *	5	$147,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throgs Neck Expressway Elevation								
Slate Panels	7%			LIFE	* *	5	$8,600	
Windows								
Aluminum	100%	Now	$185,800	2046	* *	5	$19,500	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 5%								
Location : Classrooms								
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$103,200	
Roof								
Built-Up (BUR)	95%			2035	* *	10	$148,200	
Metal Panel	5%			2043	* *	10	$14,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$50,400	
Ceramic Tile	3%	Now	$156,000	2045	* *	5	$3,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Toilet Rooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Toilet Rooms								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Ceramic Tile	2%			2043	* *	5	$4,600	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Toilet Rooms								
Slate	5%			LIFE	* *	5	$12,300	
Vinyl Tile	75%	Now	$95,600	2030	$4,777,500	3	$64,900	
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Loose Units, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Wood	5%	Now	$68,800	2045	* *	5	$10,800	
Deteriorated Finish, Extent : Severe, Area Affected : 25%								
Location : Gymnasium								
Split/Cracked, Extent : Severe, Area Affected : 15%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$12,800	
Metal Panel	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$47,900	
SGFT/Glazed Masonry	35%	Now	$200,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stairway B, Stairway A On 1st Floor								
Ceilings								
AcousTileConcealSpLn	25%	Now	$274,700	2043	* *	5	$35,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Corridors								
Exposed Struc: Concrete	35%			LIFE	* *	5	$12,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	13%			2030	$461,600			
Metal Panel	2%	Now	$30,200	LIFE	* *	5	$5,700	
Loose Units, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Plaster	20%			LIFE	* *	5	$28,500	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%	4+	$3,700	2065	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Throughout Perimeter								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$192,500	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throgs Neck Expressway, Hollywood Avenue, Randall Avenue								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Hollywood Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	80%	4+	$7,400	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Pavers/Stone	10%			2039	* *			
Rubber Matting	10%			2035	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2030	$30,800	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere And One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2030	$5,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency Service								
Fused Disc Sw	30%			2060	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$600	
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2060	* *	1		
Panelboards								
Fused Disc Sw	8%			2029	$24,000	5	$300	
Fused Disc Sw	2%			2055	* *	5	$100	
Molded Case Bkrs	85%			2029	$254,500	5	$3,300	
Molded Case Bkrs	5%			2055	* *	5	$200	
Wiring								
Thermoplastic	95%			2030	$379,600	1		
Thermoplastic	5%			2060	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	76%			2040	* *	10	$101,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2040	* *	10	$26,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement, Hallway, Boiler Room And Fan Room								
LED	4%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	30%			2025	$73,500	10	$10,600	
Emergency, Battery	20%			2038	* *	10	$7,000	
Exit, Service	30%			2025	$18,900	1		
Exit, Service	20%			2038	* *	1		
Exterior Lighting								
HID	100%			2025	$681,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$16,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Exit Doors And Outside								
Explanation : CCTV Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$27,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$45,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$763,500	2050	* *	1	$130,100	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Repairs In Progress, Extent : N/A, Area Affected : 60%								
Location : No.1 And No.2 Units, Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Old Units.								

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DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%	0-2	$11,700	2030	$116,900			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pumps, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Steam Piping/Pump	5%	Now	$1,200	2030	$58,500			
Broken, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
Steam Piping/Pump	85%			2030	$993,800			
Terminal Devices								
Air Handler	20%	0-2	$11,000	2025	$549,500	1	$16,300	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Motors Burnt Out, Fan Room								
Convector/Radiator	80%			2028	$955,100	1	$37,700	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	5%	0-2	$2,400	2031	$118,900	2	$400	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Fan Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Fan Room								
Explanation : 1 Unit. R-407c								
Int Pkg Unit - Heating/Cooling	5%			2031	$118,900	2	$400	
Window/Wall Unit	40%	0-2	$44,200	2025	$221,200	1		
Not in Service, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	* *	2	$10,200	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,400	
Exhaust Fans								
Interior	50%			2030	$323,800	2	$2,200	
Roof	50%	0-2	$7,100	2025	$141,600	2	$1,800	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								

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DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2028	$931,900	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$706,000	4	$14,400	
Sanitary Piping								
Cast Iron	20%	0-2	$7,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Kitchen Sewage Piping								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Locker Room And Hallway In Basement.								
Explanation : Water Backs Up								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	25%	0-2	$2,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Exit No.6 And Outside Of The Boiler Room In Basement								
Cast Iron	75%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$5,800	2030	$29,200	4	$3,100	
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : 3 Out Of 4, Basement Level								
Sewage Ejector(s)								
Electric	100%	0-2	$1,500	2030	$76,400	4	$5,800	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 4th Floor, Basement To 1st Floor								
Explanation : Two Units, One Passenger And One Freight, Freight Unit Not In Service For Many Years.								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$73,600	
Sprinkler								
No Component	85%							
Generic	15%			2040	* *	1-2	$6,100	

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DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2028	$1,600	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : 1 Set*								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 192 - Q**		
Address	: **109-89 204 STREET BTWN: HOLLIS AVE., 111 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q192**
Program / Asset #	: **BOE0833.000 / 1522**	**Yr Built/Renovated**	: **1963 / 2009**
Area Sq Ft	: **150,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **10944** **Lot** : **301**	**BIN**	: **4234318**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$112,700	$124,600
Interior Architecture	$24,442,900	$1,097,200
Electrical	$693,700	$980,000
Mechanical	$340,900	$8,873,100
Total	**$25,590,200**	**$11,074,900**
Importance Code A	$112,700	$1,483,400
Importance Code B	$25,477,500	$9,591,400
Total	**$25,590,200**	**$11,074,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,800			
Interior Architecture	$57,300	$10,400	$3,500	$21,400
Electrical	$3,000	$23,000	$4,200	$5,000
Mechanical	$99,100	$44,300	$43,700	$21,100
Site Pavements	$27,000			
Total	**$218,300**	**$77,800**	**$51,400**	**$47,500**
Importance Code A	$46,700	$15,200	$14,900	$14,900
Importance Code B	$149,500	$62,600	$33,100	$32,700
Importance Code C	$22,200		$3,500	
Total	**$218,300**	**$77,800**	**$51,400**	**$47,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$11,300	
Masonry: Brick Cavity	90%			LIFE	* *	5	$67,500	
Mosaic Tile	2%			2050	* *	10	$4,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$12,200	
Windows								
Aluminum	100%	4+	$21,000	2046	* *	5	$2,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms								
Parapets								
Metal Rail	100%	4+	$10,800	2043	* *	5	$57,000	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Base Of Parapet Wall Of Upper Roof Near Staircase 7 Bulkhead								
Explanation : Loose Cap Flashing								
Roof								
Built-Up (BUR)	97%	4+	$112,700	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Classroom 260 And 4th Floor Classrooms								
Metal Panel	3%			2043	* *	10	$5,500	
Soffits								
Cast in Place Concrete	30%			LIFE	* *	5	$2,600	
Stucco Cement	70%			2043	* *	5	$3,000	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$37,700	LIFE	* *	5	$48,500	
Deflection Evident, Extent : Moderate, Area Affected : 20%								
Location : Under Boilers								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Near Boilers								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Under Boilers								
Ceramic Tile	3%			2039	* *	5	$6,700	
Terrazzo	5%			LIFE	* *	5	$8,700	
Vinyl Tile	17%			2030	$1,041,800	3	$18,900	
Vinyl Tile 9" X 9"	60%	Now	$469,800	2025	$23,490,700	3	$49,900	
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Stairs And Corridors								
Wood	5%			2045	* *	5	$20,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$11,500	2039	* *	5	$2,100	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Music Room								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Folding Partition	2%			2046	* *	5	$7,000	
Masonry: Brick	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$21,000	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$22,200	
AcousTileConcealSpLn	20%	Now	$428,300	2050	* *	5	$27,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : First Floor Corridor								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : First Floor Corridor								
AcousTileSusp.Lay-In	5%			2043	* *	5	$11,100	
Exposed Struc: Concrete	15%			LIFE	* *	5	$5,200	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$13,900	
Plaster	40%	4+	$54,000	LIFE	* *	5	$55,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Staircase 1								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$16,400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 205th Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 111th Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$10,700	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Dumpster Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2030	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Molded Case Bkrs	60%			2029	$179,600	5	$2,400	
Molded Case Bkrs	30%			2038	* *	5	$1,200	
Wiring								
Braided Cloth	80%	2-4	$319,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$145,200	5	$800	
Locally Mounted	20%			2035	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	1%			2030	$22,400	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Fluorescent	96%			2035	* *	10	$132,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$125,900	10	$18,100	
Exit, LED	50%			2065	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$116,100	2040	* *	1-3	$25,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2030	$344,200	5	$46,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	$1,307,400	1	$148,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	10%	0-2	$21,100	2030	$421,800	4	$700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Various Location								
Central Plant Steam Piping/Pmp	90%			2030	$3,796,200	4	$6,700	
Terminal Devices								
Air Handler	30%			2030	$846,800	1	$27,800	
Convector/Radiator	70%			2035	* *	1	$33,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	$17,000	2025	$340,900	1		
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Defective Window Air Conditioning Units Throughout Classrooms								
No Component	40%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,600	
Exhaust Fans								
Interior	40%			2030	$266,100	2	$1,800	
Roof	50%			2030	$145,500	2	$2,300	
Wall Unit	10%			2030	$6,500	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2028	$957,500	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	10%	0-2	$1,500	2030	$72,500	4	$1,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Bottom Of The Unit, Boiler Room								
Steam Fired	90%			2030	$652,800	4	$13,300	
Sanitary Piping								
Cast Iron	10%	0-2	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up At Basement When It Rains								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$10,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Out Side Center Of The Building At 204th Street								
Sump Pump(s)								
Non-Submersible	100%	0-2	$6,000	2030	$30,000	4	$3,200	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : The Housing, Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$62,200	1-2	$1,300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 195 - M (ECF)**
Address : **625 WEST 133 STREET @BROADWAY**
Borough : **MANHATTAN**
Agency's Number : **M195**
Program / Asset # : **BOE0117.000 / 1639**
Yr Built/Renovated : **1975 / 2016**
Area Sq Ft : **155,000**
Project Type : **EDUCATION**
Date of Survey : **29-Mar-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2001** **Lot** : **5**
BIN : **1059942**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$888,900	$163,500
Interior Architecture	$561,100	$3,935,100
Electrical	$2,388,300	$1,218,500
Mechanical	$1,971,600	$1,702,300
Total	**$5,809,900**	**$7,019,400**
Importance Code A	$888,900	$214,900
Importance Code B	$4,921,000	$6,743,700
Importance Code C		$60,700
Total	**$5,809,900**	**$7,019,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,700	$45,600		$9,100
Interior Architecture	$144,600	$12,500		$40,500
Electrical	$83,400	$7,500	$8,300	$48,400
Mechanical	$71,900	$39,900	$45,400	$126,200
Site Enclosure	$10,100			
Site Pavements	$5,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$365,000**	**$109,500**	**$57,700**	**$228,100**
Importance Code A	$61,000	$60,900	$15,400	$24,700
Importance Code B	$199,000	$48,600	$42,300	$192,700
Importance Code C	$105,000			$10,600
Total	**$365,000**	**$109,500**	**$57,700**	**$228,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	Now	$712,100	LIFE	* *	5	$163,500	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Window Sills At Interior Courtyard								
Painted Surfaces, Extent : Light, Area Affected : 15%								
Location : Building Base At Entry Side								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair A / B Bulkhead, 3rd Floor Classrooms 359 Through 371								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West 133rd Street Side Of Complex								
Explanation : School Structure Surrounded By High Rise Residential Complex								
Metal Panel	2%			2052	* *	5-10	$25,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Metal Enclosures Around Mechanical Equipment								
Pre-Cast Concrete	8%			LIFE	* *	5	$47,200	
Windows								
Aluminum	95%			2040	* *	5	$55,000	
Metal Louvers	5%			2035	* *	10	$18,100	
Parapets								
Masonry: Brick Cavity	60%	Now	$69,800	LIFE	* *	5	$13,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Outer Parapet Walls At Courtyard Perimeter								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Interior Parapet Walls								
Metal Panel	5%			2042	* *	5	$4,500	
Metal Security Bars	30%	4+	$11,000	2047	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Parapet Walls At Courtyard Perimeter								
Pre-Cast Concrete	5%	Now	$1,900	LIFE	* *	5	$7,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Copings Over Inner Courtyard Side								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Coping Stones At Fence Anchor Points								
Roof								
Built-Up (BUR)	2%			2032	$27,700	10	$2,400	
Modified Bitumen	90%			2037	* *	10	$106,900	
Panel/Paver: Cer/Brk	8%	Now	$25,600	2042	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Balcony								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor Balcony								
Explanation : This Is Actually A Precast Concrete Paver								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Stucco Cement	100%	0-2	$7,200	2037	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Soffits Adjacent To Courtyard								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$34,100	LIFE	* *	5	$43,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridor Adjacent To Electrical Room In Basement								
Ceramic Tile	5%			2035	* *	5	$10,000	
Quarry Tile	5%			2045	* *	5	$15,000	
Sheet Vinyl/Rubber	8%	Now	$21,000	2037	* *	5	$12,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Various Locations - Gymnasium Floor								
Traffic Topping	2%			2037	* *	5	$5,000	
Vinyl Tile	70%	Now	$77,500	2032	$3,874,300	3	$52,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Interior Walls								
Ceramic Tile	5%	4+	$16,700	2035	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Bathrooms								
Concrete Masonry Unit	5%	Now	$28,500	LIFE	* *	5	$6,100	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Stair Bulkhead At Roof Level								
Metal Panel	5%			LIFE	* *			
Operable Wall	2%			2052	* *	5	$21,300	
Plaster	30%	Now	$44,300	LIFE	* *	5	$27,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms Below 3rd Floor Balcony At Courtyard								
SGFT/Glazed Masonry	48%			LIFE	* *			
Wood	5%			LIFE	* *	5	$60,700	

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DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	0-2	$189,500	2037	* *	5	$29,400	
Patching Evident, Extent : Light, Area Affected : 30%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Corridors And Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Cafeteria								
AcousTileSusp.Lay-In	10%			2037	* *	5	$19,600	
Exposed Struc: Concrete	50%	Now	$294,100	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Pipe Tunnel In Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Pipe Tunnel In Basement								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Pipe Tunnel In Basement								
Gypsum Board	5%			LIFE	* *	5	$12,300	
Metal Panel	5%			LIFE	* *	5	$12,300	
Site Enclosure								
Fence/Gates								
Aluminum Picket	20%			2042	* *			
Chain Link	80%	Now	$10,100	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Parking Area								
Free Standing Walls								
Cast in Place Concrete	65%			2067	* *			
Masonry: Brick	35%			2052	* *			
Retaining Walls								
Cast in Place Concrete	90%			2067	* *			
Masonry: Brick	10%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$5,400	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Steps At Main Entry								
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	90%			2035	* *			
Rubber Matting	10%			2032	$42,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4000 Amperes.								
Transformers								
Dry Type	100%			2045	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room 378								
Explanation : 15 Kilovolt-ampere Transformer								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$292,600	5	$700	
Raceway								
Conduit	70%			2032	$202,200	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	9%			2048	* *	5	$300	
Fused Toggle Switch	1%			2031	$3,000	5		
Molded Case Bkrs	80%			2031	$239,500	5	$3,300	
Molded Case Bkrs	10%			2048	* *	5	$400	
Wiring								
Thermoplastic	80%			2032	$319,600	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	85%			2045	* *	5	$900	
Locally Mounted	5%			2030	$9,100	5	$100	
Motor Control Center	5%			2030	$36,400	5	$200	
Variable Frequency Drive	5%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2027	$2,195,000	10	$135,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Service	10%			2027	$9,500	1		
Emergency, Battery	40%			2032	$104,100	10	$15,000	
Exit, Service	45%			2027	$30,100	1		
Exit, Battery	5%			2032	$11,000	10	$500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	5%	Now	$36,200	2042	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
Incandescent	5%	Now	$24,900	2042	* *	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
LED	5%			2040	* *			
No Component	85%							
Alarm								
Security System								
No Component	60%							
Generic	20%			2037	* *	1	$11,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	20%			2027	$58,200	1	$11,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%	Now	$20,000	2037	* *	1-3	$43,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance Lobby								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$48,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Oil Tanks 15000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$153,500	
Controller Not Working, Extent : Severe, Area Affected : 5%								
Location : Boiler Room. Defective Carbon Monoxide/Gas Leak Detection Panel.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$24,800	2042	* *			
Recent Installation, Extent : N/A, Area Affected : 70%								
Location : Throughout. Float And Thermostatic Traps - 2020 Upgrade.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2027	$583,400	1	$19,200	
Convector/Radiator	75%			2037	* *	1	$37,500	
Fan Coil Unit/Heat	5%			2027	$192,100	1	$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	15%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Kitchen, Main Distribution Frame Room 315 And Other Locations.								
Explanation : R-410a								
Window/Wall Unit	50%			2027	$293,600	1		
Air Cooled interior Pkg Unit	25%			2033	$631,300	2	$2,400	
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Mechanical Room 378								
Explanation : 2 Units Of Air Cooled Chillers, Estimated 110 Tons Each. Installed In 2017.								
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2027	$676,700	1	$24,000	
Fan Coil - 2 Pipe	15%			2037	* *	1	$7,500	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2037	* *	2	$27,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Roof								
Explanation : 2 Units Associated With Air Cooled Chillers. Installed In 2017.								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,400	
Exhaust Fans								
Interior	20%			2027	$137,500	2	$1,000	
Roof	80%			2037	* *	2	$3,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof. Installed In 2017.								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$989,400	1		
Water Heater With Tanks								
Oil Fired	100%			2027	$88,300	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 600 Gallon Unit. Installed In 2012.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2027	$31,000	4	$3,300	
Fixtures								
Generic	100%							
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Explanation : 2016-2019 Upgrade Of Toilets, Urinals, Lavatory/sinks.								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit.								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$81,000	
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$4,300	
Chemical System								
Generic	100%	Now	$16,300	2031	$81,600	1-3	$68,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : Defective Fire Suppression System For An Active Gas Stove.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 2/P. S. 141 - BK**		
Address	: **655 PARKSIDE AVENUE BTWN: NOSTRAND AVE - ROGERS AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K002**
Program / Asset #	: **BOE0999.000 / 4492**	**Yr Built/Renovated**	: **1994 /**
Area Sq Ft	: **131,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **5050** **Lot** : **66**	**BIN**	: **3378201**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,138,400	$1,693,000
Interior Architecture	$348,600	$170,900
Electrical		$3,020,300
Mechanical	$52,500	$796,800
Total	**$2,539,500**	**$5,681,000**
Importance Code A	$2,138,400	$1,693,000
Importance Code B	$237,200	$3,988,000
Importance Code C	$163,900	
Total	**$2,539,500**	**$5,681,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,600	$41,500	$12,800	
Interior Architecture	$35,800		$26,400	$1,300
Electrical	$32,900	$22,500	$21,400	$23,800
Mechanical	$84,100	$64,200	$91,100	$18,700
Site Enclosure	$3,000			
Site Pavements	$5,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$196,800**	**$136,000**	**$159,500**	**$51,700**
Importance Code A	$40,500	$54,800	$25,700	$13,000
Importance Code B	$148,900	$81,300	$122,900	$38,700
Importance Code C	$7,300		$10,900	
Total	**$196,800**	**$136,000**	**$159,500**	**$51,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	5%	Now	$86,400	LIFE	* *	5	$9,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Expansion Joint Failure, Extent : Moderate, Area Affected : 10%								
Location : South East Facade								
Masonry: Brick Cavity	75%			LIFE	* *	5	$148,700	
Metal Panel	10%			2030	$1,314,600	5-10	$136,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Mechanical Bulkheads								
Pre-Cast Concrete	10%			LIFE	* *	5	$64,400	
Windows								
Aluminum	95%	2-4	$1,849,100	2055	* *	5	$19,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Metal Louvers	5%			2026	$113,200	10	$12,800	
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$56,200	
Masonry: Brick Cavity	30%			LIFE	* *	5	$5,400	
Pre-Cast Concrete	40%	Now	$11,800	LIFE	* *	5	$45,600	
Expansion Joint Failure, Extent : Moderate, Area Affected : 5%								
Location : South Side								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Interior Parapet Wall								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	5%			2035	* *	10	$4,300	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Over Bulkhead								
IRMA/Protected Membrane	70%	Now	$89,700	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 30%								
Location : Over Gymnasium								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 30%								
Location : Over Gymnasium								
Patching Evident, Extent : Light, Area Affected : 30%								
Location : Over Gymnasium								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 8%								
Location : Over Gymnasium								
Metal Panel	25%	0-2	$15,800	2035	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Over Penthouse Mechanical Rooms								
Soffits								
Masonry: Brick	25%			LIFE	* *	5		
Stucco Cement	75%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$67,700	
Ceramic Tile	5%			2043	* *	5	$10,300	
Terrazzo	5%			LIFE	* *	5	$8,100	
Vinyl Tile	60%			2035	* *	3	$46,400	
Vinyl Tile	5%	Now	$85,500	2035	* *	3	$3,900	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Basement Corridors And Stair Landings								
Wood	10%	4+	$24,600	2058	* *	5	$19,300	
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Gymnasium, Below Roof Leak								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$8,700	
Concrete Masonry Unit	50%	0-2	$163,900	LIFE	* *	5	$34,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Folding Partition	5%			2046	* *	5	$21,800	
Gypsum Board	10%			LIFE	* *	5	$10,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$34,900	
Ceilings								
AcousTileConcealSpLn	25%			2043	* *	5	$64,500	
AcousTileSusp.Lay-In	50%			2043	* *	5	$103,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Classroom - East Side Adjacent To Hallway								
Exposed Struc: Steel	1%	Now	$99,200	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 1%								
Location : Stair C2 - Step Before 3rd And 4th Floor Landings								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Stair C2 - From Rooftop Landing								
Exposed Struc: Steel	14%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$12,900	
Metal Panel	5%	0-2	$6,800	LIFE	* *	5	$12,900	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2050	* *			
Iron Picket	20%	4+	$3,000	2065	* *			
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Along Parkside Avenue								
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2043	* *			
Pavers/Stone	50%			2039	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	100%	4+	$5,500	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : East And West Play Areas								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4,000 Ampere And Two 3,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2035	* *	5	$500	
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$600	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$300	
Molded Case Bkrs	90%			2038	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%			2035	* *	5	$700	
Variable Frequency Drive	20%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$40,300	
Generators								
Diesel	100%	Now	$2,800	2033	$138,700	1	$45,700	
Start Syst Needs Repair, Extent : Moderate, Area Affected : 100%								
Location : Generator Room In Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room In Basement								
Explanation : One 350 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$4,900	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallon								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 7,000 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2030	$1,562,200	10	$96,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	15%			2030	$292,900	10	$18,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2030	$15,500	10		
Incandescent	4%	Now	$2,900	2030	$145,200	2	$100	
Damaged Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Service	60%			2030	$48,400	1		
Exit, Service	20%			2030	$11,300	1		
Exit, Battery	20%			2030	$37,100	10	$1,800	
Exterior Lighting								
HID	30%	Now	$3,700	2030	$183,400			
Damaged Fixtures, Extent : Light, Area Affected : 2%								
Location : Roof And Building Perimeter								
LED	70%			2035	* *			
Alarm								
Security System								
Generic	50%			2030	$123,000	1	$24,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2030	$123,000	1	$24,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2030	$337,900	1-3	$83,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank With 7,000 Gallon Capacity								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$129,700	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$52,500	2040	* *			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Fuel Oil Piping Connection At Boiler No.1								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler No.1 Steam Leak At Valve								
Terminal Devices								
Convector/Radiator	50%			2035	* *	1	$21,200	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse Mechanical Equipment Room								
Explanation : The Air Handlers Are Accounted For Under The Air Conditioning Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$155,500			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Air Cooled Condensing Unit								
No Component	95%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$170,400	
Terminal Devices								
Air Handler/Dir Expansion	100%			2030	$125,600	1		
Heat Rejection								
Air Cooled Condenser Unit	100%	Now	$5,700	2030	$19,000	2	$73,000	
Broken, Extent : Severe, Area Affected : 40%								
Location : Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%	Now	$23,200	2030	$464,800	2	$2,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Dampers Not Working								
Roof	20%			2030	$50,800	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	90%	Now	$30,300	2050	* *	1		
Booster Pump w/Tank, Extent : Severe, Area Affected : 100%								
Location : Booster Pump Controls Are Broken In Basement								
Galvanized Steel	10%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 175 Gallons Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$4,000	4	$4,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$66,000	
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$9,200	
Chemical System								
No Component	90%							
Generic	10%			2025	$8,200	1-3	$7,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 201 - BK (J. H. S. 201 - BK)**		
Address	: **8010 12TH AVE. BTWN: 80 ST, 81 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K201**
Program / Asset #	: **BOE0496.000 / 6**	**Yr Built/Renovated**	: **1925 / 2015**
Area Sq Ft	: **107,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **6278** **Lot** : **22**	**BIN**	: **3162973**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$121,200	$275,900
Interior Architecture	$14,993,600	$2,567,500
Electrical	$363,300	$655,900
Mechanical	$1,673,100	$2,841,700
Total	**$17,151,200**	**$6,341,100**
Importance Code A	$121,200	$327,300
Importance Code B	$16,607,200	$6,013,800
Importance Code C	$422,800	
Total	**$17,151,200**	**$6,341,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$23,900	
Interior Architecture	$97,700		$800	$20,200
Electrical	$26,200	$15,900	$2,800	$2,300
Mechanical	$15,800	$72,800	$24,100	$16,000
Site Enclosure	$24,000			
Total	**$163,700**	**$88,700**	**$51,600**	**$38,400**
Importance Code A	$10,600	$10,800	$34,500	$10,600
Importance Code B	$129,100	$77,800	$17,000	$27,800
Importance Code C	$24,000			
Total	**$163,700**	**$88,700**	**$51,600**	**$38,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Recent Repair Evident, Extent : N/A, Area Affected : 60%								
Location : Throughout								
Masonry: Brick	87%			LIFE	* *	5	$141,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%	Now	$64,200	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front Stairs								
Masonry: Limestone	2%			LIFE	* *	5	$2,400	
Recent Repair Evident, Extent : N/A, Area Affected : 65%								
Location : Throughout								
Masonry: Marble	1%			LIFE	* *	5	$1,200	
Windows								
Aluminum	4%	Now	$57,000	2046	* *	5	$1,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Windows Were Refurbished - Throughout								
Aluminum	96%			2046	* *	5	$47,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$21,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2038	* *	10	$70,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$17,100	LIFE	* *	5	$22,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2033	$340,800	5	$6,000	
Marble Panels	2%			LIFE	* *	5	$3,000	
Quarry Tile	2%	0-2	$5,900	2035	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	40%	Now	$44,500	2030	$2,226,700	3	$30,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Corridors Throughout								
Vinyl Tile	3%			2035	* *	3	$2,300	
Vinyl Tile 9" X 9"	40%	Now	$284,500	2025	$14,226,000	3	$30,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%	2-4	$30,000	2058	* *	5	$9,400	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$174,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	8%	Now	$50,500	2039	* *	5	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	8%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	71%	Now	$198,100	LIFE	* *	5	$48,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	10%	Now	$60,300	LIFE	* *	5	$3,100	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Ceiling Adjacent To Boilers								
Exposed Struc: Concrete	65%			LIFE	* *	5	$20,400	
Plaster	25%			LIFE	* *	5	$31,400	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2040	* *			
Iron Picket	8%	2-4	$24,000	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Front Of Building								
Iron Picket	87%			2074	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Asphalt	95%			2043	* *			
Cast in Place Concrete	5%			2047	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$234,100	5	$400	
Fused Disc Sw	10%			2040	* *	5		
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	80%			2038	* *	5	$2,300	
Molded Case Bkrs	10%	2-4	$24,000	2055	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete Panelboards.								
Wiring								
Braided Cloth	80%	2-4	$273,500	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2040	* *	1		
Motor Controllers								
Locally Mounted	40%			2028	$72,600	5	$300	
Locally Mounted	60%			2035	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$78,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : T-8 Lamps Type Fixtures Installed In 2017.								
LED	20%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium 2, Entrance								
Explanation : LED Fixtures Installed In 2017.								
Egress Lighting								
Emergency, Battery	50%			2025	$89,800	10	$12,900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	40%			2038	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fixtures Installed In 2017.								
No Component	60%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$40,200	1	$8,000	
Fire/Smoke Detection								
No Component	75%							
Generic, Digital	25%			2035	* *	1-3	$16,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Oil No. 2 With Tank Of 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$106,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								

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DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	80%			2030	$685,500			
Steam Piping/Pump	20%			2050	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And New Wing								
Explanation : Service To New Wing								
Terminal Devices								
Air Handler	20%			2025	$402,700	1	$13,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	50%			2028	$437,500	1	$17,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	30%			2025	$795,900	1	$10,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms								
Explanation : Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria And Auditorium								
Explanation : Multiple Units								
Window/Wall Unit	85%			2028	$344,500	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,700	
Exhaust Fans								
Interior	100%			2025	$474,600	2	$3,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$1,374,200	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2025	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Of 600 Gallon Capacity								

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DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2025	$21,400	4	$3,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$7,500	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 202 - Q (J. H. S. 202 - Q)**		
Address	: **138-30 LAFAYETTE STREET @ 149TH AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q202**
Program / Asset #	: **BOE0843.000 / 973**	**Yr Built/Renovated**	: **1963 / 2001**
Area Sq Ft	: **150,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11403** **Lot** : **1**	**BIN**	: **4245993**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$519,500	$309,600
Interior Architecture	$323,000	$4,970,500
Electrical	$279,700	$4,219,500
Mechanical	$118,600	$6,444,500
Total	**$1,240,900**	**$15,944,100**
Importance Code A	$519,500	$1,668,500
Importance Code B	$670,500	$14,275,700
Importance Code C	$50,900	
Total	**$1,240,900**	**$15,944,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$90,800			
Interior Architecture	$229,500		$22,300	$22,300
Electrical	$37,300	$14,000	$14,900	$18,400
Mechanical	$114,500	$32,200	$35,400	$28,000
Site Pavements	$68,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$544,600**	**$50,100**	**$76,500**	**$72,600**
Importance Code A	$105,700	$14,900	$14,900	$14,900
Importance Code B	$349,500	$35,300	$61,600	$57,700
Importance Code C	$89,500			
Total	**$544,600**	**$50,100**	**$76,500**	**$72,600**

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DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	25%			LIFE	* *	5	$313,000	
Masonry: Brick	70%			LIFE	* *	5	$187,000	
Masonry: Limestone	5%	0-2	$26,300	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Entry								
Windows								
Aluminum	99%			2049	* *	5	$28,700	
Metal Louvers	1%			2042	* *	10	$1,800	
Parapets								
Metal: Cage/Fence	100%	0-2	$44,200	2038	* *	5	$59,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Copper/Terne	3%			2048	* *	10	$9,000	
IRMA/Protected Membrane	95%	Now	$269,500	2038	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Third Floor								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Modified Bitumen	2%			2033	$26,200	10	$2,400	
Soffits								
Cast in Place Concrete	35%			LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Overhangs								
Mosaic Tile	65%			2043	* *	10	$7,000	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$101,000	LIFE	* *	5	$51,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room Floor								
Ceramic Tile	3%	Now	$80,300	2042	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Locker Rooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Terrazzo	2%			LIFE	* *	5	$7,400	
Vinyl Tile	75%			2033	$4,918,500	3	$89,000	
Wood	10%			2061	* *	5	$44,500	

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DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$6,100	2042	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	8%	0-2	$27,800	LIFE	* *	5	$5,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, Vacuum Pump Room And Basement Fan Room								
Folding Partition	1%			2049	* *	5	$4,600	
Masonry: Brick	5%			LIFE	* *	10	$2,800	
Marble Panels	3%			LIFE	* *	10	$2,200	
Plaster	50%			LIFE	* *	5-10	$78,700	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$27,800	
Ceilings								
AcousTile,Adhered	14%	0-2	$21,400	2038	* *	5	$16,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTile,Adhered	11%			2038	* *	5	$26,100	
AcousTileSusp.Lay-In	5%			2053	* *	5	$11,900	
Exposed Struc: Concrete	5%	Now	$35,600	LIFE	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Fan Room								
Exposed Struc: Concrete	35%			LIFE	* *	5-10	$103,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$23,700	
Fiber Board	5%			2038	* *			
Metal Panel	5%			LIFE	* *	5	$29,700	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Plaster	15%			LIFE	* *	5-10	$61,200	
Site Enclosure								
Fence/Gates								
Chain Link	65%			2043	* *			
Iron Picket	35%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Graffiti, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$26,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$19,300	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stairs And Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$1,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Dumpster Area								
Activity Yard								
Asphalt	100%	2-4	$21,700	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	60%			2033	$175,600	5	$400	
Fused Disc Sw	40%			2043	* *	5	$300	
Raceway								
Conduit	80%			2033	$231,100	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	70%			2032	$209,600	5	$2,800	
Molded Case Bkrs	20%			2041	* *	5	$800	
Wiring								
Braided Cloth	70%	2-4	$279,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	10%			2033	$40,000	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$2,146,600	10	$132,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	$44,700	10	$2,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$125,900	10	$18,100	
Exit, Service	50%			2028	$32,300	1		
Exterior Lighting								
HID	30%			2028	$210,000	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$281,600	1	$56,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$386,900	1-3	$95,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bell, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$348,800	5	$46,500	
Conversion Equipment								
Steam Boiler	100%			2031	$1,307,400	1	$148,600	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	15%	0-2	$9,000	2033	$180,200			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pumps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Float And Thermostatic Traps In Basement								
Steam Piping/Pump	85%			2033	$1,021,000			
Terminal Devices								
Air Handler	20%			2033	$564,600	1	$18,600	
Convector/Radiator	80%			2031	$981,300	1	$38,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	5%	0-2	$5,900	2027	$118,600	2	$400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Compressors								
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : 2 Units For Room B31								
Window/Wall Unit	60%			2031	$340,900	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$132,400	
Exhaust Fans								
Interior	25%			2033	$166,300	2	$1,200	
Roof	4%	0-2	$1,200	2033	$11,600	2	$100	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Covers, Roof								
Roof	71%			2033	$206,600	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	5%	Now	$9,600	2031	$95,700	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main Shut Off Valve, Basement								
Galvanized Steel	15%			2031	$287,200	1		
Water Heater With Tanks								
Electric	100%			2032	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room, Kitchen								
Explanation : One 80 Gallon And One 30 Gallon Units								
HW Heat Exchanger								
Steam Fired	100%			2033	$725,300	4	$22,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	0-2	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement And 1st Floor Bathrooms								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$1,500	2033	$30,000	4	$3,200	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	Now	$7,900	2043	* *	4	$6,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To The Third Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$207,400	1-2	$4,200	
Chemical System								
Generic	100%			2028	$40,800	1-3	$40,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 206B - BX**		
Address	: **2280 AQUEDUCT AVENUE @W. 183 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X206**
Program / Asset #	: **BOE0314.000 / 372**	**Yr Built/Renovated**	: **1980 / 2007**
Area Sq Ft	: **42,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **3209** **Lot** : **1**	**BIN**	: **2086823**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$62,800	
Interior Architecture	$670,900	$1,316,000
Electrical		$42,600
Mechanical	$982,600	
Total	**$1,716,300**	**$1,358,600**
Importance Code A	$62,800	
Importance Code B	$1,343,200	$1,358,600
Importance Code C	$310,300	
Total	**$1,716,300**	**$1,358,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$35,600		$3,500	$6,400
Interior Architecture	$46,800		$2,600	$6,000
Electrical	$1,300	$800	$77,200	$800
Mechanical	$54,400	$11,000	$40,700	$13,900
Site Enclosure	$21,900			
Site Pavements	$2,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$166,500**	**$15,700**	**$128,000**	**$31,000**
Importance Code A	$39,800	$4,200	$7,800	$10,600
Importance Code B	$103,400	$11,600	$120,200	$20,400
Importance Code C	$23,300			
Total	**$166,500**	**$15,700**	**$128,000**	**$31,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$11,300	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick Cavity	75%			LIFE	* *	5	$28,300	
Metal Panel	5%			2051	* *	5-10	$13,000	
Pre-Cast Concrete	15%			LIFE	* *	5	$18,400	
Windows								
Aluminum	97%			2047	* *	5	$12,800	
Metal Louvers	3%			2040	* *	10	$2,500	
Parapets								
Masonry: Brick Cavity	50%			LIFE	* *	5	$4,000	
Pre-Cast Concrete	50%			LIFE	* *	5	$25,200	
Roof								
Built-Up (BUR)	92%			2036	* *	10	$62,800	
Built-Up (BUR)	3%	Now	$23,900	2041	* *			
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Front Entry Canopy								
Copper/Terne	5%			2059	* *	10	$8,500	
Soffits								
Metal, Corrugated	5%			2041	* *	1		
Stucco Cement	95%			2044	* *	5	$900	
Interior								
Floors								
Cast in Place Concrete	20%	Now	$23,500	LIFE	* *	5	$30,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%	Now	$11,700	2034	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	3%			2036	* *	5	$5,200	
Sheet Vinyl/Rubber	5%	Now	$112,900	2041	* *	5	$2,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Faux Wood Floor Finish								
Vinyl Tile	69%	Now	$131,600	2031	$1,316,000	3	$17,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 75%								
Location : Library, Stairwell, Cafeteria, 2nd Floor Corridor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$2,900	
Concrete Masonry Unit	85%	Now	$152,100	LIFE	* *	5	$32,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	2%	Now	$158,200	2056	* *	5	$2,400	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium And Dance Room								
Gypsum Board	10%			LIFE	* *	5	$5,700	
Ceilings								
AcousTile,Adhered	55%	Now	$116,100	2036	* *	5	$18,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
AcousTile,Adhered	20%			2044	* *	5	$13,100	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	2%	2-4	$2,300	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Stair No.3								
Metal Panel	3%	4+	$1,300	LIFE	* *	5	$2,500	
Bent/Warped Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$21,900	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Play Yard								
Metal Panel	50%			LIFE	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Asphalt	10%			2040	* *			
Cast in Place Concrete	90%			2044	* *			
Activity Yard								
Asphalt	100%	2-4	$2,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$200	
Raceway								
Conduit	95%			2041	* *	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5		
Fused Disc Sw	5%			2030	$7,000	5		
Molded Case Bkrs	85%			2039	* *	5	$900	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Thermoplastic	70%			2041	* *	1		
Thermoplastic	20%			2031	$21,100	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2036	* *	5	$200	
Locally Mounted	30%			2029	$21,500	5	$100	
Locally Mounted	10%			2044	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	99%			2036	* *	10	$38,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2036	* *	10	$400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Elevator Car, Basement								
Egress Lighting								
Emergency, Battery	50%			2031	$35,300	10	$5,100	
Exit, Service	50%			2031	$9,100	1		
Exterior Lighting								
HID	20%			2031	$39,200	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$15,800	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And And Exit Doors								
Explanation : Intrusion Alarm Only With Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$21,700	1-3	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bells, Manual Pull Stationsand Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$13,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$41,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Two No.4 Oil Burning Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2039	* *	1	$17,500	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Two Chillers At Penthouse								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One Unit								
Split Unit	10%			2036	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2051	* *	4	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Penthouse Mechanical Equipment Room								
Explanation : Very Small Percentage Of The Chilled Water Is Newly Installed. The Remaining Pump And Piping Is Original To The Building								
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$815,000	1	$26,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$29,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One Package Chiller Includes Condenser								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$36,900	LIFE	* *	2-5	$23,400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : Fan Room And Throughout								
Exhaust Fans								
Interior	90%			2026	$167,600	2	$1,200	
Roof	10%	0-2	$1,600	2031	$8,200	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various. Three Exhaust Fans Malfunctioning Due To Burnt Motor And Belt								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2051	* *	4	$4,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$8,400	4	$900	
Sewage Ejector(s)								
Electric	100%			2031	$22,000	4	$1,700	
Backflow Preventer								
Generic	100%			2036	* *	1	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$21,200	
Sprinkler								
No Component	75%							
Generic	25%			2041	* *	1-2	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 206B - BX
Asset # : 372

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 210 - Q**		
Address	: **93-11 101 AVENUE BTWN: 93 ST., 94 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q210**
Program / Asset #	: **BOE0850.000 / 1508**	**Yr Built/Renovated**	: **1966 / 2014**
Area Sq Ft	: **156,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9067** **Lot** : **1**	**BIN**	: **4188567**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$851,700	$501,300
Interior Architecture	$27,643,900	$1,511,300
Electrical	$738,700	$1,014,400
Mechanical	$587,100	$2,660,400
Site Enclosure	$78,500	
Total	**$29,900,000**	**$5,687,400**
Importance Code A	$851,700	$1,768,800
Importance Code B	$28,907,300	$2,643,800
Importance Code C	$141,000	$1,274,900
Total	**$29,900,000**	**$5,687,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$3,800		
Interior Architecture	$44,000	$19,200	$2,100	
Electrical	$22,400	$51,000	$5,500	$4,400
Mechanical	$53,900	$54,200	$36,700	$21,700
Site Pavements	$7,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$136,100**	**$136,000**	**$52,200**	**$34,000**
Importance Code A	$21,600	$18,800	$14,700	$14,700
Importance Code B	$106,700	$117,300	$37,500	$19,300
Importance Code C	$7,800			
Total	**$136,100**	**$136,000**	**$52,200**	**$34,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$145,500	
Masonry: Brick Cavity	10%			LIFE	* *	5	$20,800	
Pre-Cast Concrete	20%			LIFE	* *	5	$135,100	
Windows								
Aluminum	100%	Now	$851,700	2046	* *	5	$29,800	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$58,400	
Metal Panel	5%			2050	* *	5	$3,600	
Metal Rail	25%			2043	* *	5-10	$85,100	
Pre-Cast Concrete	40%			LIFE	* *	5	$47,400	
Roof								
Built-Up (BUR)	2%			2035	* *	10	$1,900	
Metal Panel	5%			2043	* *	10	$8,900	
Modified Bitumen	93%			2038	* *	10	$89,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,800	
Ceramic Tile	5%			2039	* *	5	$11,800	
Mosaic Tile	3%			2043	* *	5	$17,800	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	7%			2035	* *	3	$6,200	
Vinyl Tile 9" X 9"	65%			2025	$27,157,800	3	$57,700	
Wood	5%	Now	$423,600	2070	* *	5	$11,100	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Split/Cracked, Extent : Severe, Area Affected : 80%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	10%			2033	$1,274,900	5	$23,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$13,900	
Folding Partition	5%			2038	* *	5	$29,000	
Gypsum Board	10%			LIFE	* *	5	$13,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$27,800	
SGFT/Glazed Masonry	15%	4+	$62,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Lunch Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	4+	$38,100	2035	* *	5	$29,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Corridor Outside Room 237								
AcousTileSusp.Lay-In	10%			2043	* *	5	$23,700	
Exposed Struc: Concrete	50%			LIFE	* *	5	$18,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	$184,600			
Metal Panel	5%			LIFE	* *	5	$14,800	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2050	* *			
Iron Picket	80%	4+	$78,500	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Perimeter Of School								
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	65%	4+	$7,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Exits 13 And 14								
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	30%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	90%			2039	* *			
Rubber Matting	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Fused Disc Sw	35%			2030	$18,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes								
Fused Disc Sw	15%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$234,100	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$15,000	5	$200	
Fused Disc Sw	5%			2046	* *	5	$200	
Fused Toggle Switch	2%	2-4	$6,000	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	78%			2029	$233,500	5	$3,200	
Molded Case Bkrs	10%			2046	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$279,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	20%			2030	$79,900	1		
Motor Controllers								
Locally Mounted	90%			2028	$163,300	5	$900	
Locally Mounted	10%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,300	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main Room								
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$135,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	40%			2025	$104,700	10	$15,100	
Emergency, Battery	10%			2035	* *	10	$3,800	
Exit, LED	10%			2058	* *	1		
Exit, Service	40%			2025	$26,900	1		
Exterior Lighting								
HID	30%			2025	$218,400	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	10%	0-2	$2,400	2035	* *	1	$6,900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : No.1 Unit, Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 3 Rooftop Units Providing Heat And Air Conditioning To New Wing								
Steam Boiler	10%	0-2	$6,800	2028	$136,000	1	$13,900	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : No.2 Boiler Control Panel, Basement								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	80%			2028	$1,087,800	1	$123,600	
Distribution								
Steam Piping/Pump	90%			2040	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
No Component	10%							
Terminal Devices								
Air Handler	20%			2025	$587,100	1	$19,300	
Convector/Radiator	35%	0-2	$8,900	2028	$446,500	1	$15,900	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Thermostats, Various Locations								
Convector/Radiator	35%			2028	$446,500	1	$17,600	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2030	$262,100	2	$1,000	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, New Wing Roof								
Window/Wall Unit	5%	0-2	$1,500	2025	$29,500	1		
Broken, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,000	

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DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2038	* *	2	$1,400	
Roof	20%	0-2	$6,100	2030	$60,500	2	$800	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Roof	50%			2030	$151,300	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	30%	0-2	$9,400	2040	* *	4	$1,000	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Hosing Of The Unit, Basement Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Non-Submersible	70%			2030	$21,900	4	$2,300	
Backflow Preventer								
Generic	100%			2030	$69,700	1	$9,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From 1st To 4th Floor, One Unit From 1st To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	90%							
Generic	10%			2050	* *	1-5	$7,900	
Sprinkler								
No Component	90%							
Generic	10%			2050	* *	1-2	$4,400	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Sets								

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DEPARTMENT OF EDUCATION - 040
I. S. 210 - Q
Asset # : 1508

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 211 - BK (J. H. S. 211 - BK)**		
Address	: **1001 EAST 100 STREET BTWN: AVE. J, AVE. K**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K211**
Program / Asset #	: **BOE0506.000 / 2745**	**Yr Built/Renovated**	: **1958 / 2013**
Area Sq Ft	: **140,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8227** **Lot** : **1**	**BIN**	: **3326732**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$766,700	$156,000
Interior Architecture	$1,129,000	$1,552,700
Electrical	$1,089,100	$999,400
Mechanical	$1,483,600	$1,812,800
Site Pavements	$62,200	
Total	**$4,530,600**	**$4,520,900**
Importance Code A	$766,700	$207,400
Importance Code B	$3,763,800	$4,313,500
Total	**$4,530,600**	**$4,520,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,100		$3,400	
Interior Architecture	$99,800	$12,600	$5,100	$18,800
Electrical	$14,600	$15,300	$24,000	$14,600
Mechanical	$32,300	$20,900	$36,300	$28,300
Site Enclosure	$16,300			
Site Pavements	$6,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$205,500**	**$52,800**	**$72,700**	**$65,700**
Importance Code A	$47,000	$14,900	$18,500	$14,900
Importance Code B	$128,800	$37,900	$54,200	$50,800
Importance Code C	$29,700			
Total	**$205,500**	**$52,800**	**$72,700**	**$65,700**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	60%	2-4	$133,800	LIFE	* *	5	$76,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Chimney								
Metal/Glass Curt Wall	33%			LIFE	* *	5	$79,200	
Granite Panels	5%			LIFE	* *	5	$4,800	
Panel: Limestone	2%			LIFE	* *	5	$1,900	
Windows								
Aluminum	100%	Now	$484,200	2047	* *	5	$25,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Copper/Terne	5%			2066	* *	5	$1,200	
Masonry: Brick Cavity	30%			LIFE	* *	5	$1,500	
Metal Rail	60%			2044	* *	5-10	$52,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Post Bases								
Pre-Cast Concrete	5%			LIFE	* *	5	$1,500	
Roof								
Copper/Terne	5%			2059	* *	10	$19,600	
Modified Bitumen	95%			2036	* *	10	$148,800	
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Seams								
Soffits								
Metal Panel	100%			2051	* *	5-10	$10,200	
Interior								
Floors								
Carpet	5%			2030	$198,800	3	$22,500	
Cast in Place Concrete	5%	Now	$19,100	LIFE	* *	5	$24,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Ceramic Tile	5%			2040	* *	5	$11,200	
Terrazzo	3%			LIFE	* *	5	$5,300	
Vinyl Tile	25%			2031	$1,552,700	3	$21,100	
Vinyl Tile 9" X 9"	47%	Now	$932,500	2041	* *	3	$39,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2059	* *	5	$42,200	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%	0-2	$5,800	2040	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Third Floor Boys Toilet								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,500	
Folding Partition	5%			2039	* *	5	$32,800	
Marble Panels	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$43,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Stair Bulkhead								
Ceilings								
AcousTileConcealSpLn	25%			2044	* *	5	$63,600	
AcousTileConcealSpLn	10%	Now	$196,500	2051	* *	5	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Basement Corridor								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
AcousTileSusp.Lay-In	5%			2036	* *	5	$10,200	
Exposed Struc: Concrete	40%			LIFE	* *	5	$12,700	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$12,700	
Plaster	10%			LIFE	* *	5	$12,700	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%	Now	$1,100	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Chain Link	35%			2051	* *			
Iron Picket	60%			2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$15,200	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$62,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	8%	2-4	$4,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	2%	0-2	$2,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout At Stairs								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches, No Nameplate Ratings Available								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$292,600	5	$3,700	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$200	
Molded Case Bkrs	90%			2030	$269,400	5	$3,300	
Molded Case Bkrs	5%			2047	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$359,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%	2-4	$76,200	2051	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mechanical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	30%			2044	* *	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible, Covered With Insulations								

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DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$43,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 70 Kilowatt Generator And Associated Equipment Installed In 2017.								
Generators								
Natural Gas	100%			2044	* *	1	$54,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 70 Kilowatt Gas Generator Installed In 2017.								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$5,200	
Lighting								
Interior Lighting								
Fluorescent	2%			2036	* *	10	$2,800	
LED	98%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Lighting Fixtures Installed In 2016.								
Egress Lighting								
Emergency, Battery	50%			2031	$126,100	10	$18,100	
Exit, Service	50%			2031	$32,400	1		
Exterior Lighting								
HID	100%			2026	$653,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$26,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations, Strobe Lights, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$148,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 50%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2026	$565,300	1	$18,600	
Convector/Radiator	80%			2029	$982,600	1	$38,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2026	$398,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,800	
Exhaust Fans								
Interior	40%			2026	$266,500	2	$1,800	
Roof	60%			2026	$174,900	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$726,300	4	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units For Basement Hydronic Heating								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$10,600	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Constant Backups.								
Sewage Ejector(s)								
Electric	100%			2026	$78,600	4	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$103,900	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 216 - BX**		
Address	: **977 FOX STREET (NEAR E. 163 ST.)**		
Borough	: **BRONX**	**Agency's Number**	: **X116**
Program / Asset #	: **BOE0256.000 / 415**	**Yr Built/Renovated**	: **1975 / 2013**
Area Sq Ft	: **174,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2714** **Lot** : **4**	**BIN**	: **2005660**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$415,900	$141,300
Interior Architecture	$638,600	$79,800
Electrical	$468,300	$1,361,800
Mechanical	$444,100	$3,763,700
Total	**$1,967,000**	**$5,346,600**
Importance Code A	$415,900	$187,600
Importance Code B	$1,108,100	$5,159,000
Importance Code C	$443,000	
Total	**$1,967,000**	**$5,346,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$2,200
Interior Architecture	$46,700	$24,900	$6,100	
Electrical	$26,000	$5,700	$6,100	$63,500
Mechanical	$112,000	$42,500	$61,800	$69,600
Site Enclosure	$11,100			
Site Pavements	$900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$200,700**	**$77,000**	**$78,000**	**$139,300**
Importance Code A	$17,200	$17,200	$17,200	$19,800
Importance Code B	$182,600	$59,800	$60,700	$119,500
Importance Code C	$900			
Total	**$200,700**	**$77,000**	**$78,000**	**$139,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 216 - BX

Asset # : 415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$39,300	
Masonry: Brick Cavity	90%	Now	$246,200	LIFE	* *	5	$141,300	
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Exit 1 And 3								
Masonry: Granite	5%			LIFE	* *	5	$5,900	
Windows								
Aluminum	100%			2048	* *	5	$32,000	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$20,100	
Metal Panel	5%			2052	* *	5	$4,300	
Metal Security Bars	5%			2060	* *			
Roof								
Built-Up (BUR)	100%			2037	* *	10	$169,700	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$79,800	
Ceramic Tile	5%			2041	* *	5	$12,200	
Panel/Paver: Cer/Brk	5%			2048	* *	5	$27,400	
Vinyl Tile	70%			2037	* *	3	$63,800	
Wood	5%	Now	$14,500	2060	* *	5	$11,400	
Deflection Evident, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Stage And Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$165,400	2041	* *	5	$5,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : All Toilet Rooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : All Toilet Rooms								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : All Toilet Rooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,000	
Folding Partition	5%	Now	$277,600	2048	* *	5	$12,500	
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$33,100	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 216 - BX

Asset # : 415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$195,700	2037	* *	5	$30,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Corridors								
AcousTileSusp.Lay-In	3%			2045	* *	5	$7,300	
Exposed Struc: Concrete	60%			LIFE	* *	5	$22,800	
Metal Panel	2%	Now	$32,200	LIFE	* *	5	$6,100	
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$15,200	
Site Enclosure								
Fence/Gates								
Chain Link	95%			2052	* *			
Iron Picket	5%			2067	* *			
Free Standing Walls								
Masonry: Brick	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$11,100	2067	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	90%			2041	* *			
Cast in Place Concrete	10%	Now	$900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Main Entrance Stairs								
Activity Yard								
Asphalt	90%			2041	* *			
Pavers/Stone	2%			2041	* *			
Rubber Matting	8%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 216 - BX

Asset # : 415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$227,600	5	$500	
Fused Disc Sw	30%			2052	* *	5	$200	
Raceway								
Conduit	95%			2032	$320,300	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$33,900	5	$400	
Molded Case Bkrs	75%			2031	$254,500	5	$3,400	
Molded Case Bkrs	15%			2048	* *	5	$700	
Wiring								
Thermoplastic	10%			2052	* *	1		
Thermoplastic	90%			2032	$404,300	1		
Motor Controllers								
Locally Mounted	60%			2030	$108,900	5	$700	
Locally Mounted	20%			2045	* *	5	$200	
Locally Mounted	20%	Now	$21,800	2052	* *	5	$100	
Mech. Misoperation, Extent : Severe, Area Affected : 100%								
Location : Fan Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$156,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	40%			2027	$116,800	10	$16,800	
Emergency, Battery	10%			2037	* *	10	$4,200	
Exit, Service	50%			2027	$37,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 216 - BX

Asset # : 415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2027	$81,200	10	$100	
HID	10%	Now	$81,200	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$32,700	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$32,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Horns, Alarm Bell, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement								
Explanation : Area Of Concern. An Electrical Radiant Is In Gas Meter Room								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$172,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 216 - BX

Asset # : 415

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	90%			2042	* *	4	$7,700	
Central Plant Steam Piping/Pmp	10%	0-2	$24,500	2052	* *	4	$900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room. Corroded Vacuum Pump								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room. Leaking And Corroded Vacuum Pump								
Terminal Devices								
Air Handler	20%			2032	$654,900	1	$21,500	
Convector/Radiator	75%			2030	$1,067,100	1	$42,200	
Fan Coil Unit/Heat	5%			2037	* *	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2032	$513,400	1	$16,100	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : 2nd Floor Mechanical Room								
Exterior Pkg Unit - Cooling	5%			2037	* *	2	$500	
R-134a Refrigerant, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Split Unit	5%			2037	* *			
Window/Wall Unit	55%			2027	$362,500	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2042	* *	4	$1,700	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%	Now	$11,500	2032	$574,000	1	$19,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2 Coils Leak, Fan Room								
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2032	$85,600	2	$24,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 216 - BX

Asset # : 415

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2032	$154,300	2	$1,100	
Roof	80%	Now	$13,500	2032	$270,100	2	$3,400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof . 50 Percent Of The Units Are Not Working Due To Burn Motor Or Broken Belt								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$444,300	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$12,300	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Roof Of The Gymnasium To Basement								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$5,500	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$10,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$91,000	
Sprinkler								
No Component	80%							
Generic	20%			2042	* *	1-2	$9,800	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 218 - BK**		
Address	: **370 FOUNTAIN AVENUE BTWN: BLAKE AVE - DUMONT AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K218**
Program / Asset #	: **BOE0513.000 / 1294**	**Yr Built/Renovated**	: **1964 / 1997**
Area Sq Ft	: **151,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4278** **Lot** : **1**	**BIN**	: **3095977**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,242,000	$831,100
Interior Architecture	$10,169,800	$258,700
Electrical	$383,600	$1,180,000
Mechanical	$842,200	$2,713,600
Total	**$12,637,600**	**$4,983,400**
Importance Code A	$1,242,000	$882,500
Importance Code B	$11,333,700	$4,100,900
Importance Code C	$62,000	
Total	**$12,637,600**	**$4,983,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,400			
Interior Architecture	$110,400	$3,600		$23,100
Electrical	$32,200	$24,100	$29,200	$27,500
Mechanical	$86,500	$21,700	$41,500	$26,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$254,500**	**$53,300**	**$74,700**	**$80,900**
Importance Code A	$36,400	$15,000	$15,300	$15,000
Importance Code B	$174,100	$38,300	$59,400	$65,900
Importance Code C	$44,000			
Total	**$254,500**	**$53,300**	**$74,700**	**$80,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	$83,200	
Graffiti, Extent : Light, Area Affected : 2%								
Location : Corner Of Logan Street And Blake Avenue								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : First Floor								
Metal Panel	40%			2051	* *	5-10	$571,800	
Granite Panels	5%			LIFE	* *	5	$7,800	
Panel: Limestone	10%			LIFE	* *	5	$15,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Main Entry								
Pre-Cast Concrete	5%	Now	$15,100	LIFE	* *	5	$33,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$142,000	2039	* *	5	$29,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Metal: Cage/Fence	100%			2036	* *	5-10	$145,900	
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Copper/Terne	5%	Now	$6,300	2046	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Gutters								
IRMA/Protected Membrane	94%	Now	$858,900	2041	* *			
Insul Miss/Displaced, Extent : Severe, Area Affected : 25%								
Location : All Roofs								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : All Roofs								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Low Roof At Patched Area								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Roof Over First Floor								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Skylight, Metal/Glass	1%			2031	$271,300	10	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof By Chimney								
Explanation : Copper And Wire Glass								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast in Place Concrete	60%			LIFE	* *	5		
Mosaic Tile	40%			2051	* *	10		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Main Entry Canopy								
Explanation : Staining Discoloration								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,800	
Ceramic Tile	3%			2040	* *	5	$7,100	
Sheet Vinyl/Rubber	2%			2039	* *	5	$7,100	
Terrazzo	2%			LIFE	* *	5	$3,700	
Vinyl Tile	55%	Now	$71,900	2036	* *	3	$48,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	23%	0-2	$192,200	2026	$9,609,700	3	$20,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Classrooms Upper Floors								
Wood	5%			2059	* *	5	$22,200	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Stage								
Interior Walls								
Ceramic Tile	6%	0-2	$38,200	2040	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen, Cafeteria Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,300	
Folding Partition	2%			2039	* *	5	$11,600	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	55%	Now	$62,000	LIFE	* *	5	$38,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$30,500	2036	* *	5	$23,700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Upper Floor Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Upper Floor Corridors								
AcousTileConcealSpLn	10%	Now	$19,000	2036	* *	5	$14,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridors And Cafeteria								
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%	Now	$2,200	2031	$110,800			
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Plaster	65%	Now	$234,000	LIFE	* *	5	$96,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	95%			2051	* *			
Iron Picket	5%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Activity Yard								
Explanation : Planter With Stepped Seating								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Dumpster Area								
Explanation : Rust Staining From Dumpsters								

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DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	60%			2040	* *			
Pavers/Stone	10%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Seating Area								
Explanation : Brick Pavers								
Rubber Matting	10%			2036	* *			
No Component	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Activity Yard								
Explanation : Synthetic Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere And One 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$600	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$300	
Molded Case Bkrs	60%			2047	* *	5	$2,400	
Molded Case Bkrs	30%			2030	$89,800	5	$1,200	
Wiring								
Braided Cloth	60%			2030	$239,700	1		
Thermoplastic	40%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$145,200	5	$800	
Locally Mounted	20%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$26,800	1	$46,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2027	$138,700	1	$58,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Kilowatt Genset								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$5,600	
Fuel Storage								
Main Tank	100%			2034	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$131,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2031	$9,300	1		
Emergency, Battery	40%			2031	$101,400	10	$14,600	
Exit, Battery	50%			2036	* *	10	$5,100	
Exterior Lighting								
LED	100%			2039	* *			
Alarm								
Security System								
No Component	20%							
Generic	40%			2036	* *	1	$22,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	40%			2026	$113,400	1	$22,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$95,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$149,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$24,200	2041	* *			
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump In Basement Fan Room								
Terminal Devices								
Air Handler	20%			2026	$568,300	1	$18,700	
Convector/Radiator	80%			2029	$987,800	1	$39,000	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	1%			2036	* *			
Window/Wall Unit	25%			2026	$143,000	1		
No Component	74%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$21,100	
No Component	75%							
Exhaust Fans								
Interior	30%			2031	$200,900	2	$1,400	
Roof	20%	Now	$2,900	2026	$58,600	2	$700	
Noisy/Vibrating, Extent : Severe, Area Affected : 10%								
Location : Roof								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2041	* *	1		
Galvanized Steel	75%	2-4	$72,300	2029	$1,445,800	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main Valve In Basement								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$38,000	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Kitchen Storage In Basement								
Explanation : Water Back Up In Sump Pit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$30,200	4	$3,200	

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DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2031	$79,100	4	$6,000	
Backflow Preventer								
No Component	50%							
Generic	50%			2031	$33,700	1	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : Abandoned In Place								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 218 - M**		
Address	: **4600 BROADWAY @ W.196TH ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M218**
Program / Asset #	: **BOE0974.000 / 2889**	**Yr Built/Renovated**	: **1992 / 2012**
Area Sq Ft	: **175,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **2172** **Lot** : **16**	**BIN**	: **1076756**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,791,700	$2,826,200
Interior Architecture	$1,299,300	$469,900
Electrical		$3,792,600
Mechanical	$43,400	$7,578,900
Total	**$3,134,400**	**$14,667,600**
Importance Code A	$1,791,700	$2,826,200
Importance Code B	$621,200	$11,611,500
Importance Code C	$721,400	$229,900
Total	**$3,134,400**	**$14,667,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$107,100		$44,400	
Interior Architecture	$183,500		$6,600	$34,900
Electrical	$37,700	$28,500	$33,300	$31,800
Mechanical	$59,700	$47,200	$49,200	$54,400
Site Pavements	$23,200			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$426,100**	**$90,500**	**$148,300**	**$135,800**
Importance Code A	$124,500	$17,300	$61,700	$17,300
Importance Code B	$218,400	$73,200	$86,600	$118,500
Importance Code C	$83,200			
Total	**$426,100**	**$90,500**	**$148,300**	**$135,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$12,700	
Masonry: Brick	90%	Now	$1,508,900	LIFE	* *	5	$183,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : North End Of West Facade								
Spalling, Extent : Moderate, Area Affected : 1%								
Location : West Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 5th, 4th And 3rd Floor North Side								
Pre-Cast Concrete	5%			LIFE	* *	5	$66,200	
Windows								
Aluminum	95%			2049	* *	5	$34,700	
Metal Louvers	5%	0-2	$5,100	2042	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Deteriorated Caulking								
Parapets								
Masonry: Brick	75%	Now	$150,700	LIFE	* *	5	$11,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : South Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Along Broadway								
Metal Rail	20%			2046	* *	5-10	$57,300	
Pre-Cast Concrete	5%	Now	$12,900	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : South Roof, Upper West Facade Middle Roof								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Upper North Small Roof								
Roof								
IRMA/Protected Membrane	95%	Now	$132,200	2033	$2,643,000			
Expansion Joint Failure, Extent : Moderate, Area Affected : 5%								
Location : Expansion Joint Along Broadway								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Expansion Joint								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : At Skylights								
Explanation : Exposed Membrane And Insulation								
Skylight, Plastic	5%	Now	$32,300	2046	* *	1		
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairwell								

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DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Stucco Cement	100%			2046	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : West Facade								
Caulking Deteriorated, Extent : Light, Area Affected : 1%								
Location : West Facade								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$124,800	LIFE	* *	5	$64,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2042	* *	5	$14,700	
Quarry Tile	3%			2046	* *	5	$13,200	
Terrazzo	2%			LIFE	* *	5	$9,200	
Vinyl Tile	75%	Now	$304,000	2038	* *	3	$82,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout At Expansion Joints								
Wood	5%	2-4	$43,800	2061	* *	5	$13,800	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	2%	0-2	$14,500	2042	* *	5	$6,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	5%	2-4	$154,300	LIFE	* *	5	$13,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Third Floor Mechanical Room								
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Folding Partition	1%	Now	$91,000	2041	* *	5	$8,200	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Gypsum Board	45%			LIFE	* *	5-10	$502,400	
Metal Panel	10%			LIFE	* *	10	$29,600	
Plaster	5%	Now	$16,000	LIFE	* *	5	$9,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 4th And 5th Floor Expansion Joints And Library								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$98,500	
Wood	2%			LIFE	* *	5	$105,100	

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DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	65%	0-2	$149,000	2046	* *	5	$89,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Exposed Struc: Steel	8%			LIFE	* *	10	$44,100	
Gypsum Board	25%	Now	$24,100	LIFE	* *	5	$86,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor								
Metal Panel	2%			LIFE	* *	5	$13,800	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	10%			2046	* *			
Pavers/Stone	90%	Now	$23,200	2042	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Americans With Disabilities Ramp								
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Traffic Topping	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$800	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$4,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	20%			2038	* *	5	$200	
Motor Control Center	80%			2038	* *	5	$3,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$53,800	
Generators								
Diesel	100%			2036	* *	1	$67,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$6,500	
Fuel Storage								
Day Tank	50%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : No Nameplate Rating Capacity								
Main Tank	50%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : No Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$2,504,400	10	$154,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	$52,200	10	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, Auditorium								
Explanation : Compact Fluorescent Lights								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$53,900	1		
Exit, Service	50%			2033	$37,700	1		
Exterior Lighting								
HID	30%			2028	$245,000	10	$200	
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$328,500	1	$65,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$451,400	1-3	$111,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bell, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$54,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground Outside The Building								
Explanation : 2 Tanks. 15,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$173,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	80%			2033	$2,634,600	1	$86,600	
Convector/Radiator	20%			2038	* *	1	$11,300	
Controls								
Pneumatic	100%			2031	$3,382,200			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	75%			2028	$497,200	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2033	$213,500	1	$2,800	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2033	$20,300	2	$6,100	
No Component	95%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$154,500	
Exhaust Fans								
Interior	90%			2033	$698,500	2	$4,800	
Roof	10%	0-2	$3,400	2033	$34,000	2	$400	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : The Covers, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$17,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$35,000	4	$5,500	
Sewage Ejector(s)								
Electric	100%			2033	$91,600	4	$10,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Units From Basement To 5th Floor								
Explanation : 2 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$88,200	
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$12,300	
Chemical System								
Wet	100%			2028	$61,200	1-3	$69,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 15 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 219 (OLD 148)- BX NEW VENTURE SCHOOL (X219)**		
Address	: **3630 THIRD AVENUE BTWN: E.169 ST. - E.170 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X148**
Program / Asset #	: **BOE0285.000 / 383**	**Yr Built/Renovated**	: **1967 / 2009**
Area Sq Ft	: **157,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2925** **Lot** : **1**	**BIN**	: **2009611**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$302,700	$258,800
Interior Architecture	$33,923,600	$222,300
Electrical	$690,500	$1,220,800
Mechanical	$802,900	$3,156,600
Site Enclosure		$136,700
Total	**$35,719,800**	**$4,995,300**
Importance Code A	$576,400	$305,100
Importance Code B	$34,029,400	$4,384,600
Importance Code C	$1,114,000	$305,600
Total	**$35,719,800**	**$4,995,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,900		$70,000	
Interior Architecture	$165,800		$22,900	$37,900
Electrical	$3,500	$4,700	$44,300	$3,200
Mechanical	$61,200	$34,200	$59,700	$23,500
Site Pavements	$50,000			
Total	**$297,300**	**$38,900**	**$196,900**	**$64,600**
Importance Code A	$16,900	$15,500	$85,900	$15,500
Importance Code B	$205,100	$23,300	$111,000	$13,300
Importance Code C	$75,300			$35,800
Total	**$297,300**	**$38,900**	**$196,900**	**$64,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 219 (OLD 148)- BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$88,400	LIFE	* *	5	$73,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	5%	Now	$60,200	LIFE	* *	5	$34,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : West Facade								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 40%								
Location : West Facade								
Masonry: Brick Cavity	80%			LIFE	* *	5	$118,300	
Metal Panel	5%			2051	* *	5-10	$50,800	
Windows								
Aluminum	100%	4+	$53,100	2047	* *	5	$27,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Classrooms								
Parapets								
Metal Panel	85%			2051	* *	5	$79,600	
Metal: Cage/Fence	15%			2036	* *	5-10	$28,100	
Roof								
Built-Up (BUR)	95%			2036	* *	10	$100,900	
Metal Panel	5%			2044	* *	10	$9,700	
Soffits								
Cast in Place Concrete	70%			LIFE	* *	5	$66,600	
Stucco Cement	30%			2044	* *	5	$14,300	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$41,500	LIFE	* *	5	$53,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement Corridor Near Boiler Room								
Ceramic Tile	3%	Now	$8,300	2040	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Girls Room								
Vinyl Tile	7%			2036	* *	3	$8,500	
Vinyl Tile 9" X 9"	75%			2026	$32,320,000	3	$68,700	
Wood	5%	Now	$72,800	2046	* *	5	$11,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Gymnasium Water Fountain Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 219 (OLD 148)- BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	4+	$31,500	2040	* *	5	$14,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Girls Toilet								
Concrete Masonry Unit	7%			LIFE	* *	5	$26,700	
Folding Partition	3%			2047	* *	5	$71,600	
Glazed Ceramic Panel	3%	4+	$43,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Plaster	59%	Now	$685,100	LIFE	* *	5	$168,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Toilet Room B6								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
SGFT/Glazed Masonry	25%	Now	$428,900	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Basement Below Auditorium Stage At Exit 2								
Ceilings								
AcousTile,Adhered	20%	0-2	$30,900	2036	* *	5	$24,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Patching Evident, Extent : Severe, Area Affected : 15%								
Location : Throughout Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	10%	Now	$7,700	2036	* *	5	$15,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	58%	0-2	$416,800	LIFE	* *	5	$21,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$15,000	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2031	$136,700			
Chain Link	75%			2051	* *			
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	90%			2066	* *			
Masonry: Brick	10%			2051	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 219 (OLD 148)- BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$9,000	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Avenue Near Dumpsters								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%	2-4	$41,000	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$46,300	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$700	
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$24,000	5	$300	
Fused Disc Sw	2%			2047	* *	5	$100	
Molded Case Bkrs	80%			2030	$239,500	5	$3,300	
Molded Case Bkrs	10%			2047	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$319,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2051	* *	1		
Thermoplastic	15%			2031	$59,900	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 219 (OLD 148)- BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2026	$234,000	10	$14,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium And Basement								
Fluorescent	88%			2039	* *	10	$126,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	40%			2036	* *	10	$15,200	
Emergency, Battery	10%			2026	$26,400	10	$3,800	
Exit, Service	40%			2036	* *	1		
Exit, Service	10%			2026	$6,800	1		
Exterior Lighting								
LED	10%			2039	* *			
No Component	90%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2039	* *	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside First Floor, Outside Front And Back Entrance								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2026	$29,500	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$81,000	1-3	$19,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Fire Alarm Panel, Bell And Pull Box Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$48,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 219 (OLD 148)- BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$273,700	2036	* *	1	$139,900	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boiler Room. No. 1 Boiler Low Water Cut Off Leaking. No. 2 Boiler Defective Damper Opening And Closing Mechanism. Bolier No. 3 Defective Burner Linkage.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Three No. 4 Oil Burning Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	25%	Now	$55,200	2041	* *	4	$1,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Vacuum Pump Leaking								
Central Plant Steam Piping/Pmp	75%			2041	* *	4	$8,700	
Terminal Devices								
Air Handler	20%			2031	$590,900	1	$19,400	
Convector/Radiator	80%	Now	$102,700	2044	* *	1	$36,500	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Defective Temperature Control System, Defective Temperature Control Compressor								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	40%	Now	$298,300	2036	* *			
Malfunctioning, Extent : Severe, Area Affected : 75%								
Location : Cafeteria. Three Out Of Four Units Not Working Due To Mechanical/electrical Defects								
Window/Wall Unit	30%	Now	$17,800	2029	$178,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor. Three Window Wall Unit Malfunctioning Due To Mechanical, Electrical Defects.								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,500	
Exhaust Fans								
Interior	20%			2031	$139,300	2	$1,000	
Roof	80%	Now	$73,100	2031	$243,700	2	$3,100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof . Three Bathroom And House Exhaust Fan Not Working Due To Burnt Motor And Broken Belt.								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$2,004,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 219 (OLD 148)- BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit 175 Gallons								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$23,300	
Sanitary Piping								
Cast Iron	95%			LIFE	* *	1		
Cast Iron	5%	0-2	$4,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : First Floor Beside Custodian Room, Evidence Of Broken Sanitary Piping Insulation Due To Leakages								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$31,400	2041	* *	4	$3,300	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : 2 Of 3 Units Not Working In The Basement								
Sewage Ejector(s)								
Electric	100%	0-2	$4,100	2036	* *	4	$6,200	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement. Units Occasionally Stop Working Due To Blockage And Electrical Problem.								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Explanation : Pump Stop Working Occasionally Due To Blockage.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Street, Inoperable								
Explanation : 1 Freight Lift								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2041	* *	1-2	$13,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Various. Partial Sprinkler								
Explanation : Covers Storage Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 22 - BX**
Address : **270 EAST 167 STREET BTWN: MORRIS AVE., COLLEGE AVE**
Borough : **BRONX** **Agency's Number** : **X022**
Program / Asset # : **BOE0170.000 / 500** **Yr Built/Renovated** : **1949 / 2012**
Area Sq Ft : **132,000** **Project Type** : **EDUCATION**
Date of Survey : **04-May-2022** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2438** **Lot** : **50** **BIN** : **2002410**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$886,400	$1,597,000
Interior Architecture	$6,230,700	$506,800
Electrical	$267,900	$1,637,400
Mechanical		$2,189,300
Total	**$7,385,000**	**$5,930,600**
Importance Code A	$886,400	$1,678,300
Importance Code B	$6,246,600	$4,252,200
Importance Code C	$251,900	
Total	**$7,385,000**	**$5,930,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$62,300		$8,700	
Interior Architecture	$146,800		$14,800	$6,700
Electrical	$15,100	$12,300	$12,800	$16,200
Mechanical	$100,300	$26,200	$33,500	$19,700
Site Pavements	$25,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$353,900**	**$42,500**	**$73,700**	**$46,600**
Importance Code A	$75,400	$13,100	$21,700	$13,100
Importance Code B	$195,200	$29,400	$52,000	$30,700
Importance Code C	$83,400			$2,800
Total	**$353,900**	**$42,500**	**$73,700**	**$46,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$200,200	
Masonry: Granite	5%			LIFE	* *	5	$8,800	
Masonry: Limestone	5%			LIFE	* *	5	$8,800	
Slate Panels	5%			LIFE	* *	5	$8,800	
Windows								
Aluminum	93%			2049	* *	5	$62,800	
Metal Louvers	2%			2042	* *	10	$8,400	
Steel	5%	Now	$253,800	2058	* *	5	$21,100	
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Basement								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$91,800	
Masonry: Limestone	10%			LIFE	* *	5-10	$19,200	
Metal Rail	5%			2046	* *	5-10	$14,300	
Roof								
Built-Up (BUR)	95%	Now	$74,800	2033	$1,496,900			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor Staircase A At Bulkhead								
Copper/Terne	4%			2048	* *	10	$13,500	
Skylight, Metal/Glass	1%	Now	$379,400	2063	* *			1
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : North Side Of Main Roof								
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : North Side Of Main Roof								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$91,000	
Ceramic Tile	3%	0-2	$35,200	2042	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Kitchen								
Terrazzo	5%			LIFE	* *	5	$16,300	
Vinyl Tile	57%			2038	* *	3	$44,500	
Vinyl Tile 9" X 9"	15%	Now	$5,507,900	2043	* *	3	$11,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Staircases, Rooms B35, 233, 108								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Cafeteria In Basement, Staircases								
Wood	10%	Now	$124,100	2048	* *	5	$19,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 90%								
Location : Throughout East And West Gymnasium								
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Around Water Fountain In West Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$23,500	
Ceramic Tile	3%			2042	* *	5	$5,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,500	
Glazed Ceramic Panel	2%			LIFE	* *	10	$3,400	
Marble Panels	5%			LIFE	* *	10	$3,800	
Plaster	55%	Now	$251,900	LIFE	* *	5	$31,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$23,500	
Ceilings								
Fiber Board	10%	Now	$111,700	2033	$372,500			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : East Gymnasium								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Gymnasium Areas								
Plaster	90%			LIFE	* *	5-10	$369,400	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	85%	Now	$19,200	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Concrete Steps At Rear Of Building, Side Walkways								
Masonry: Granite	15%	Now	$6,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Steps At All Entry Door Locations								
Activity Yard								
Asphalt	95%			2042	* *			
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2033	$38,500	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Switches One Rated At 3,000 Amperes, One Rated At 1,600 Amperes And One Rated At 1,200 Amperes								
Molded Case Bkrs	25%			2033	$81,300	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Service Switch Rated At 250 Amperes For Emergency Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$600	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2032	$44,900	5	$500	
Fused Knife Sw	5%			2032	$15,000	5	$200	
Molded Case Bkrs	15%			2049	* *	5	$500	
Molded Case Bkrs	65%			2032	$194,600	5	$2,300	
Wiring								
Braided Cloth	50%	2-4	$199,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2053	* *	1		
Thermoplastic	35%			2033	$139,800	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$109,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$2,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2028	$73,100	2	$100	
LED	6%			2041	* *			
Egress Lighting								
Emergency, Service	5%			2041	* *	1		
Emergency, Service	20%			2028	$16,300	1		
Emergency, Battery	25%			2028	$55,400	10	$8,000	
Exit, Battery	50%			2038	* *	10	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	5%			2028	$30,800	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Timer								
LED	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Controlled Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$247,800	1	$49,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$68,100	2038	* *	1-3	$74,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Lobby								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2053	* *	5	$40,900	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$130,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	30%			2033	$745,200	1	$24,500	
Convector/Radiator	70%			2038	* *	1	$29,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	20%	0-2	$10,000	2028	$100,000	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Classrooms								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$116,500	
Exhaust Fans								
Interior	100%			2033	$585,400	2	$4,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 260 Gallons								
HW Heat Exchanger								
Steam Fired	100%			2033	$638,300	4	$19,600	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 50%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$4,100	4	$4,200	
Sewage Ejector(s)								
Electric	100%	0-2	$13,800	2033	$69,100	4	$5,300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : One Unit Is Not Working								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Street								
Explanation : 2 Units Are Not Working								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%	0-2	$13,700	2043	* *	1-2	$4,800	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Flow Switch Is Not Working								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 220 - BK (J. H. S. 220 - BK)**		
Address	: **4812 9TH AVE. BTWN: 48 ST., 49 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K220**
Program / Asset #	: **BOE0515.000 / 2547**	**Yr Built/Renovated**	: **1925 / 2015**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5**		
Block	: **778** **Lot** : **23**	**BIN**	: **3012824**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$63,600	$195,500
Interior Architecture	$1,381,700	$1,081,300
Electrical	$621,100	$724,800
Mechanical	$330,300	$791,100
Site Pavements		$266,100
Total	**$2,396,800**	**$3,058,700**
Importance Code A	$63,600	$246,800
Importance Code B	$2,140,600	$2,068,700
Importance Code C	$192,500	$743,200
Total	**$2,396,800**	**$3,058,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,100	$42,200		
Interior Architecture		$3,600		$8,100
Electrical	$25,500	$16,200	$2,300	$2,000
Mechanical	$60,100	$15,500	$24,900	$15,100
Site Enclosure	$50,200			
Site Pavements	$79,000			
Total	**$246,800**	**$77,600**	**$27,200**	**$25,300**
Importance Code A	$51,100	$53,200	$10,800	$10,800
Importance Code B	$117,100	$24,300	$16,400	$14,500
Importance Code C	$78,700			
Total	**$246,800**	**$77,600**	**$27,200**	**$25,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,200	
Masonry: Brick	90%			LIFE	* *	5	$136,300	
Masonry: Limestone	2%			LIFE	* *	5	$2,300	
Masonry: Marble	3%	0-2	$63,600	LIFE	* *	5	$3,400	
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : Front Steps								
Windows								
Aluminum	100%	Now	$28,300	2038	* *	5	$14,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$13,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%	2-4	$3,800	LIFE	* *	5	$1,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Copper/Terne	5%			2065	* *	10	$6,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Bulkhead								
IRMA/Protected Membrane	20%			2038	* *	10	$9,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : High Roof								
Modified Bitumen	75%			2035	* *	10	$36,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Soffits								
Panel: Limestone	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2033	$456,100	5	$8,100	
Marble Panels	3%			LIFE	* *	5	$3,600	
Quarry Tile	3%			2035	* *	5	$7,300	
Steel Plate	1%	0-2	$88,400	LIFE	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Stair Treads Risers And Stringers In All Stairwells								
Steel Plate	2%			LIFE	* *	1		
Traffic Topping	5%			2038	* *	5	$10,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Science Laboratories								
Vinyl Tile	20%	Now	$268,200	2040	* *	3	$12,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 100%								
Location : Throughout Corridors, Cafeteria And Library								
Vinyl Tile 9" X 9"	20%	Now	$285,500	2040	* *	3	$12,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Auditorium And Several Classrooms Throughout								
Wood	41%	4+	$395,600	2045	* *	5	$62,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 35%								
Location : Upper Gymnasium								
Recent Repair Evident, Extent : N/A, Area Affected : 60%								
Location : Main Gymnasium								
Interior Walls								
Cast in Place Concrete	10%	0-2	$65,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement								
Ceramic Tile	5%			2033	$477,100	5	$8,700	
Concrete Masonry Unit	7%			LIFE	* *	5	$4,900	
Gypsum Board	5%			LIFE	* *	5	$5,200	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	60%	4+	$126,600	LIFE	* *	5	$31,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%	0-2	$72,700	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Plaster	80%	4+	$78,700	LIFE	* *	5	$80,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Plaster	5%			LIFE	* *	5	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Lobby								
Explanation : Decorative Plaster Treatment								
Site Enclosure								
Fence/Gates								
Chain Link	70%	0-2	$20,200	2040	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	30%	0-2	$18,800	2065	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	44%	Now	$11,200	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	56%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$39,200	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Asphalt	95%	0-2	$13,300	2033	$266,100			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	5%	Now	$26,400	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Activity Yard								
Rubber Matting	100%			2030				
Other Observation, Extent : Light, Area Affected : 100%								
Location : Schoolyard								
Explanation : Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$208,100	5	$400	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	80%			2030	$195,000	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Knife Sw	5%	2-4	$12,000	2055	* *	5	$100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2029	$179,600	5	$2,200	
Molded Case Bkrs	15%			2046	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$273,500	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$90,700	5	$400	
Locally Mounted	50%			2035	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								
Interior Lighting								
Fluorescent	88%			2035	* *	10	$88,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2030	$12,900	10		
Incandescent	1%			2030	$30,200	2		
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor Gymnasium And Auditorium								
Explanation : LED Fixtures Are In Satisfactory Condition.								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$13,200	
Exit, Service	50%			2035	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	40%	2-4	$203,400	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fixtures Are Old And Required Frequent Maintenance.								
No Component	60%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$40,900	1	$8,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$56,200	1-3	$13,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fire Alarm Requires Frequent Maintenance.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$19,000	2035	* *	1	$97,200	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Tubes In Boiler In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$17,500	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump And Condensate Pumps								
Terminal Devices								
Air Handler	15%			2030	$307,700	1	$10,100	
Convector/Radiator	85%			2035	* *	1	$29,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2025	$330,300	1		
No Component	20%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,800	
Exhaust Fans								
Interior	100%			2030	$483,400	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$7,700	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : In The Auditorium Next To 48th Street								
Sump Pump(s)								
Non-Submersible	50%			2030	$10,900	4	$1,200	
Non-Submersible	50%	Now	$10,900	2040	* *	4	$1,200	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Water Fountains And Sinks								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$45,200	1-2	$900	
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 223 - BK**		
Address	: **4200 16 AVENUE BTWN: 42 ST., 43 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K223**
Program / Asset #	: **BOE0518.000 / 1298**	**Yr Built/Renovated**	: **1930 / 2006**
Area Sq Ft	: **121,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **5362** **Lot** : **21**	**BIN**	: **3125676**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$652,800	$59,500
Interior Architecture	$2,908,100	$495,800
Electrical	$401,900	$1,195,000
Mechanical	$1,794,000	$1,230,300
Total	**$5,756,900**	**$2,980,700**
Importance Code A	$652,800	$110,900
Importance Code B	$4,388,700	$2,815,400
Importance Code C	$715,400	$54,300
Total	**$5,756,900**	**$2,980,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,400			
Interior Architecture	$194,500	$48,500	$178,200	$15,600
Electrical	$30,300	$37,400	$11,500	$11,300
Mechanical	$149,500	$66,100	$30,400	$21,500
Site Enclosure	$8,600			
Site Pavements	$45,100			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$450,400**	**$156,900**	**$225,100**	**$53,400**
Importance Code A	$53,700	$13,600	$13,300	$13,300
Importance Code B	$388,100	$143,300	$211,800	$40,000
Importance Code C	$8,600			
Total	**$450,400**	**$156,900**	**$225,100**	**$53,400**

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DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$25,800	
Masonry: Brick	90%			LIFE	* *	5	$59,500	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$2,500	
Windows								
Aluminum	95%	Now	$555,200	2046	* *	5	$29,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Louvers	5%			2039	* *	10	$19,200	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,600	
Masonry: Brick	90%	Now	$97,700	LIFE	* *	5	$15,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Exit 10								
Pre-Cast Concrete	5%			LIFE	* *	5	$5,400	
Roof								
Built-Up (BUR)	95%	0-2	$17,400	2035	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout Roof Perimeter								
Copper/Terne	5%			2058	* *	10	$9,800	
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	0-2	$35,600	2026	$178,200	3	$15,100	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$44,100	
Ceramic Tile	3%	Now	$34,100	2033	$340,900	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen, Boys Bathroom Third Floor, 412b, Girls Bathrooms								
Marble Panels	5%	0-2	$110,500	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%	0-2	$47,100	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	37%	Now	$206,000	2035	* *	3	$28,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout, Kitchen Floor, Storage Room								
Vinyl Tile 9" X 9"	5%	0-2	$35,600	2025	$1,778,300	3	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	7%	0-2	$42,100	2045	* *	5	$13,200	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Third Floor Gymnasium								
Wood	23%			2045	* *	5	$86,900	
Interior Walls								
Ceramic Tile	6%	Now	$306,600	2045	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Throughout, 412b								
Masonry: Brick	10%	Now	$87,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	5%	Now	$101,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	79%	0-2	$220,400	LIFE	* *	5	$54,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$10,100	
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,700	
Plaster	80%	Now	$97,900	LIFE	* *	5	$100,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%	2-4	$8,600	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$45,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Elevator Machine Room								
Explanation : One 63 Kilovolt-ampere Transformer								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$500	
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Fused Disc Sw	30%			2038	* *	5	$800	
Fused Toggle Switch	1%			2029	$3,000	5		
Molded Case Bkrs	50%			2029	$149,700	5	$1,600	
Molded Case Bkrs	9%			2038	* *	5	$300	
Wiring								
Braided Cloth	70%			2029	$239,300	1		
Thermoplastic	30%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2035	* *	5	$700	
Locally Mounted	10%			2028	$18,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$121,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2035	* *			
Egress Lighting								
Emergency, Service	5%			2035	* *	1		
Emergency, Battery	3%	Now	$6,800	2038	* *			
Not Functioning, Extent : Moderate, Area Affected : 2%								
Location : Throughout The Building								
Emergency, Battery	42%			2038	* *	10	$13,700	
Exit, Service	40%			2025	$23,200	1		
Exit, Battery	10%			2030	$19,100	10	$900	
Exterior Lighting								
HID	100%	Now	$11,300	2035	* *			
Not in Service, Extent : Light, Area Affected : 2%								
Location : Roof And Building Perimeter								
Alarm								
Security System								
Generic	50%			2030	$113,600	1	$22,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Generic	50%			2030	$113,600	1	$22,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	90%			2025	$280,900	1-3	$67,100	
Generic, Digital	10%			2035	* *	1-3	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Elevator Landings								
Explanation : Smoke Detection For Elevator Recall System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank Using No. 2 Oil								
Conversion Equipment								
Steam Boiler	4%	0-2	$23,500	2035	* *	1	$4,800	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Chemical Feeder In Boiler Room.								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Basement								
Explanation : 2 Units With Faulty Safety Valves.								
Steam Boiler	96%			2035	* *	1	$128,000	
Distribution								
Steam Piping/Pump	100%	0-2	$21,600	2040	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Condensate Piping At Boiler								
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Condensate Pump No 2 In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : 4 Air Handler Coils In Basement Fan Room.								
Terminal Devices								
Air Handler	20%			2030	$506,700	1	$16,700	
Convector/Radiator	50%			2035	* *	1	$21,700	
Fan Coil Unit/Heat	30%			2025	$1,001,400	1	$13,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%	Now	$44,300	2040	* *	2	$300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	80%	Now	$40,800	2025	$408,000	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$30,000	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$45,000	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%	Now	$215,000	2030	$537,400	2	$3,000	
Broken, Extent : Severe, Area Affected : 50%								
Location : Basement								
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Basement								
Roof	10%	Now	$500	2030	$26,100	2	$300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2025	$17,100	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Circulator No 2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 900 Gallon Tank With Circulators								
Sanitary Piping								
Cast Iron	100%	0-2	$169,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : Back Ups In Kitchen Due To Clogged Lavatory Drains.								
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : 1st Floor, 4th Floor, Cafeteria, 3rd Floor Boys And 2nd Floor Boys Lavatories.								
Explanation : Clogged Drains.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$27,000	4	$4,300	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$5,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit. Elevator Machine Room Cooling Unit Not Effective.								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$186,200	1-2	$3,800	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 226 - Q (TANDEM P.S. 59 - M)**		
Address	: **121-10 ROCKAWAY BLVD BTWN: 121 ST, 116 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q226**
Program / Asset #	: **BOE0860.000 / 194**	**Yr Built/Renovated**	: **1975 / 2011**
Area Sq Ft	: **206,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **11714** **Lot** : **100**	**BIN**	: **4253607**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$330,300	$463,300
Interior Architecture	$939,100	$1,327,800
Electrical	$517,600	$3,266,500
Mechanical	$51,300	$10,500,600
Site Pavements		$1,113,200
Total	**$1,838,300**	**$16,671,300**
Importance Code A	$381,600	$1,858,600
Importance Code B	$1,213,100	$12,441,500
Importance Code C	$243,600	$2,371,100
Total	**$1,838,300**	**$16,671,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,100	$35,000		
Interior Architecture	$24,200	$8,000	$59,800	$25,100
Electrical	$22,100	$107,100	$21,900	$20,100
Mechanical	$84,800	$101,700	$78,700	$70,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$160,100**	**$259,700**	**$168,400**	**$124,000**
Importance Code A	$33,300	$51,700	$16,400	$16,300
Importance Code B	$110,500	$208,000	$118,100	$107,700
Importance Code C	$16,300		$33,900	
Total	**$160,100**	**$259,700**	**$168,400**	**$124,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$218,800	
Pre-Cast Concrete	15%			LIFE	* *	5	$125,500	
Windows								
Aluminum	97%	4+	$272,400	2046	* *	5	$9,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Louvers	3%			2039	* *	10	$3,700	
Parapets								
Masonry: Brick Cavity	5%			LIFE	* *	5	$1,100	
Metal Panel	5%			2050	* *	5	$4,300	
Metal Rail	5%			2043	* *	5-10	$20,100	
Pre-Cast Concrete	70%			LIFE	* *	5	$98,100	
Pre-Cast Concrete	15%			LIFE	* *	5	$21,000	
Roof								
Built-Up (BUR)	17%			2035	* *	10	$32,800	
Copper/Terne	3%			2058	* *	10	$14,500	
Modified Bitumen	50%	2-4	$21,100	2035	* *			
Blisters, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Roof								
Single Ply Membrane	30%			2035	* *	10	$57,900	
Soffits								
Stucco Cement	100%			2043	* *	5	$7,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$69,800	
Ceramic Tile	5%			2039	* *	5	$16,000	
Mosaic Tile	2%			2035	* *	5	$16,000	
Quarry Tile	5%			2043	* *	5	$23,900	
Terrazzo	5%			LIFE	* *	5	$12,500	
Vinyl Tile	45%			2035	* *	3	$53,800	
Vinyl Tile	20%			2035	* *	3	$23,900	
Vinyl Tile	3%	Now	$79,300	2040	* *	3	$3,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 2nd Floor, 3rd Floor, 4th Floor								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor, 3rd Floor, 4th Floor								
Wood	5%			2058	* *	5	$29,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	6%			2039	* *	5	$32,500	
Ceramic Tile	4%			2033	$1,192,900	5	$21,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$10,800	
Folding Partition	5%			2046	* *	5	$67,800	
Gypsum Board	10%			LIFE	* *	5	$32,500	
Metal Panel	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$65,000	
SGFT/Glazed Masonry	25%	4+	$243,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair Case C								
Ceilings								
AcousTile,Adhered	20%	Now	$616,100	2050	* *	5	$31,900	
Vandalism, Extent : Severe, Area Affected : 25%								
Location : First Floor Corridor								
AcousTileSusp.Lay-In	20%			2043	* *	5	$63,800	
AcousTileSusp.Lay-In	15%			2047	* *	5	$47,900	
Exposed Struc: Concrete	40%			LIFE	* *	5	$19,900	
Gypsum Board	2%			LIFE	* *	5	$8,000	
Metal Panel	3%			LIFE	* *	5	$12,000	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	75%			2039	* *			
Cast in Place Concrete	25%			2043	* *			
Parking/Driveway								
Asphalt	60%			2033	$1,113,200			
Cast in Place Concrete	40%			2043	* *			
Activity Yard								
Asphalt	98%			2039	* *			
Rubber Matting	2%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2030	$61,700	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch For The Old Wing Rated At 3,000 Amperes								
Fused Disc Sw	30%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch For The New Wing Rated At 1600 Amperes								
Fused Disc Sw	10%			2056	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch For The Solar Panels Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2030	$455,200	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Seven Vertical Sections								
Fused Disc Sw	20%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Molded Case Bkrs	10%			2050	* *	5	$500	
Raceway								
Conduit	90%			2030	$606,800	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$63,900	5	$500	
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	20%			2046	* *	5	$1,100	
Molded Case Bkrs	65%			2029	$415,100	5	$3,500	
Wiring								
Thermoplastic	80%			2030	$718,800	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	10%			2043	* *	5	$100	
Locally Mounted	20%			2028	$72,600	5	$300	
Motor Control Center	60%			2028	$872,500	5	$3,400	
Variable Frequency Drive	10%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$63,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2039	* *	1	$79,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 20 Kilowatts. Used For Sump Pump Only								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$45,900	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2035	* *	10	$187,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2030	$24,400	10	$100	
Egress Lighting								
Emergency, Battery	40%			2025	$138,300	10	$19,900	
Emergency, Battery	10%			2035	* *	10	$5,000	
Exit, LED	10%			2058	* *	1		
Exit, Service	40%			2025	$35,500	1		
Exterior Lighting								
HID	10%			2035	* *	10	$100	
HID	20%			2025	$192,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$23,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$38,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2050	* *	1		
Interruptible Gas/Dual Fuel	60%			2050	* *	1		
Conversion Equipment								
Furnace	40%	0-2	$51,300	2030	$256,300	1	$36,700	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Broken Intake Dampers Of The Units, Roof								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Control System Of All The Units.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 10 Defective Units, Going Down Frequently								
Steam Boiler	60%			2028	$1,077,300	1	$122,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	6%	0-2	$2,000	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pumps, Boiler Room								
Steam Piping/Pump	54%			2040	* *			
No Component	40%							
Terminal Devices								
Air Handler	20%			2030	$775,300	1	$25,500	
Convector/Radiator	20%			2035	* *	1	$13,300	
Fan Coil Unit/Heat	20%			2030	$1,021,500	1	$13,300	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	60%			2039	* *	1	$133,800	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, New Wing Penthouse.								
Ext Pkg Unit - Heating/Cooling	40%			2030	$1,384,400	2	$5,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 10 Rooftop Units. New Wing Roof.								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing Roof								
Explanation : Inefficient Units, Going Down Frequently								
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2040	* *	4	$9,100	
No Component	40%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	$1,199,100	1	$38,200	
Fan Coil - 4 Pipe	30%			2030	$2,350,700	1	$20,000	
No Component	40%							
Heat Rejection								
Water Cooling Tower	60%			2031	$624,300	2	$124,400	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%	0-2	$27,100	LIFE	* *	2-5	$17,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : New Wing Roof								
Ductwork/Diffusers	85%			LIFE	* *	2-5	$97,600	
Exhaust Fans								
Interior	40%			2030	$365,500	2	$2,500	
Roof	60%			2030	$239,800	2	$3,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
HW Heat Exchanger								
Steam Fired	100%			2030	$996,100	4	$20,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$8,200	2030	$41,200	4	$4,400	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : The Housing, Basement								
Sewage Ejector(s)								
Electric	100%			2030	$107,900	4	$8,200	
Backflow Preventer								
Generic	100%			2035	* *	1	$12,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$103,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 227 - BK**		
Address	: **6500 16TH AVE. BTWN: 65 ST., 66 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K227**
Program / Asset #	: **BOE0522.000 / 2549**	**Yr Built/Renovated**	: **1930 / 2010**
Area Sq Ft	: **143,971**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,3,4**		
Block	: **5551** **Lot** : **18**	**BIN**	: **3133741**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,201,600	$144,300
Interior Architecture	$526,800	$148,300
Electrical	$129,500	$1,494,400
Mechanical	$251,200	$2,582,500
Total	**$2,109,100**	**$4,369,500**
Importance Code A	$1,452,800	$195,700
Importance Code B	$656,300	$4,173,800
Total	**$2,109,100**	**$4,369,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$109,000	$31,800		
Electrical	$15,000	$19,700	$16,100	$13,400
Mechanical	$97,100	$20,700	$27,400	$20,700
Site Enclosure	$5,800			
Site Pavements	$33,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$263,900**	**$76,200**	**$47,500**	**$38,100**
Importance Code A		$14,600	$14,300	$14,300
Importance Code B	$216,600	$61,600	$33,300	$23,900
Importance Code C	$47,400			
Total	**$263,900**	**$76,200**	**$47,500**	**$38,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$33,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$1,400	
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$1,073,800	2046	* *	5	$18,800	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Room 307								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$45,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Rail	15%			2043	* *	5-10	$144,300	
Roof								
Built-Up (BUR)	90%			2035	* *	10	$127,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	10%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	20%	0-2	$73,400	LIFE	* *	5	$94,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	0-2	$60,800	2039	* *	5	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Marble Panels	2%	2-4	$47,300	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2043	* *	5	$16,200	
Terrazzo	2%	2-4	$20,200	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	58%			2040	* *	3	$46,900	
Wood	8%			2045	* *	5	$32,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast Stone/Terra Cotta	5%	Now	$1,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$1,700	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	0-2	$3,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	2-4	$4,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$30,900	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout, Fourth Floor, 459b								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Spiral Stairwell To Basement								
Ceilings								
AcousTileConcealSpLn	15%	Now	$52,100	2043	* *	5	$20,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	40%	Now	$258,600	LIFE	* *	5	$13,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Storage Area In Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Storage Area In Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Storage Area In Basement								
Fiber Board	5%			2035	* *			
Plaster	25%	Now	$82,000	LIFE	* *	5	$33,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout, Stair H, Rooms 421, 403, 405, 305								
Plaster	15%			LIFE	* *	5	$20,200	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Iron Picket	75%	2-4	$5,800	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	10%	2-4	$33,000	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	90%			2043	* *			
On-Site Walkways								
Asphalt	85%			2039	* *			
Cast in Place Concrete	15%			2043	* *			
Parking/Driveway								
Pavers/Stone	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Service Disconnect								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$600	
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Fused Knife Sw	1%			2029	$3,000	5		
Fused Toggle Switch	2%			2029	$6,000	5	$100	
Molded Case Bkrs	70%			2029	$209,600	5	$2,700	
Molded Case Bkrs	17%			2038	* *	5	$600	
Wiring								
Braided Cloth	70%			2029	$279,700	1		
Thermoplastic	10%			2050	* *	1		
Thermoplastic	20%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$145,200	5	$800	
Locally Mounted	20%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2035	* *	10	$13,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Closets And Boiler Room								
Fluorescent	88%			2035	* *	10	$116,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2030	$39,900	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Halogen Fixtures								
LED	1%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasiums								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Battery	50%			2030	$120,900	10	$17,400	
Exit, Battery	50%			2035	* *	10	$4,900	
Exterior Lighting								
Not Accessible	100%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2045	* *	5	$1,500	
Alarm								
Security System								
Generic	50%			2030	$135,100	1	$26,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2035	* *	1	$26,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$88,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	95%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7500 Gallon Tank Using No. 2 Oil								
Solar Panels	5%	Now	$26,600	2040	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Control Board In Basement Missing Some Components								
Explanation : Hot Water Solar Heating Panels Located On Roof. Not Operational.								
Conversion Equipment								
Steam Boiler	100%	Now	$251,200	2035	* *	1	$128,400	
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Boiler No. 2 In Boiler Room								
Distribution								
Steam Piping/Pump	100%	0-2	$23,100	2040	* *			
Controller Not Working, Extent : Moderate, Area Affected : 2%								
Location : Malfunctioning Radiator Control Valves In Room 207								
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Boiler Feed Tank In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Float And Thermostatic Traps In Basement								
Other Observation, Extent : Severe, Area Affected : 58%								
Location : Various Locations								
Explanation : Faulty Thermostatic Traps At Radiators.								
Terminal Devices								
Air Handler	30%			2030	$813,500	1	$26,700	
Convector/Radiator	50%			2035	* *	1	$23,300	
Fan Coil Unit/Heat	20%	Now	$14,300	2030	$714,600	1	$8,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Unit In Rooms B-7, B-9								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	2%			2030	$68,400			
Window/Wall Unit	80%			2028	$436,700	1		
No Component	18%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$32,100	
No Component	60%							
Exhaust Fans								
Interior	75%	Now	$24,000	2030	$479,300	2	$2,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Faulty Exhaust Damper At Cafeteria Exhaust And House Exhaust Fans.								
Roof	25%			2030	$69,900	2	$1,100	

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DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	2-4	$2,900	2030	$28,800	4	$3,000	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Compressed Air	100%			2030	$46,600	4	$1,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Playground								
Explanation : Outdoor Water Fountain Condemned Due To Lead.								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Elevator								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2050	* *	1-2	$8,100	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 227 - Q**
Address : **32-02 JUNCTION BLVD**
Borough : **QUEENS**
Program / Asset # : **BOE0861.000 / 1486**
Area Sq Ft : **181,565**
Date of Survey : **26-Jan-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1423** **Lot** : **1**

Agency's Number : **Q227**
Yr Built/Renovated : **1979 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4034891**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$605,500	$1,750,500
Interior Architecture	$700,600	$5,855,800
Electrical	$163,200	$4,805,700
Mechanical	$4,703,100	$4,313,800
Site Pavements	$146,900	
Total	**$6,319,200**	**$16,725,800**
Importance Code A	$684,600	$1,801,900
Importance Code B	$5,441,600	$14,923,900
Importance Code C	$193,100	
Total	**$6,319,200**	**$16,725,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,000		$5,700	
Interior Architecture	$144,000		$6,800	$26,500
Electrical	$65,100	$17,000	$18,400	$22,100
Mechanical	$346,600	$62,200	$92,300	$72,700
Site Pavements	$35,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$604,000**	**$83,100**	**$127,100**	**$125,200**
Importance Code A	$9,000	$18,000	$23,600	$18,000
Importance Code B	$507,200	$65,100	$103,500	$107,200
Importance Code C	$87,800			
Total	**$604,000**	**$83,100**	**$127,100**	**$125,200**

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DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$293,400	
Windows								
Aluminum	97%	Now	$139,600	2041	* *	5	$14,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Louvers	3%			2036	* *	10	$5,700	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$185,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$18,000	
Roof								
Built-Up (BUR)	100%	Now	$160,400	2033	$1,603,800			
Blisters, Extent : Light, Area Affected : 2%								
Location : North Parapet								
Air/Water Blisters, Extent : Moderate, Area Affected : 5%								
Location : Main Roof Above 3rd Floor Fan Room								
Expansion Joint Failure, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$57,800	LIFE	* *	5	$29,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Fan Room								
Ceramic Tile	5%			2036	* *	5	$13,600	
Quarry Tile	2%			2038	* *	5	$8,200	
Terrazzo	5%			LIFE	* *	5	$21,200	
Vinyl Tile	78%			2033	$5,855,800	3	$106,000	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Missing Transition Strips In Auditorium								
Wood	5%			2048	* *	5	$25,500	
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$81,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass: Single Pane	2%			LIFE	* *	5	$15,300	
Metal Panel	26%			LIFE	* *	10	$59,500	
Travertine Panels	2%			LIFE	* *	10	$4,100	
Plaster	25%			LIFE	* *	5-10	$108,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$63,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	0-2	$167,500	2038	* *	5	$13,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	15%	0-2	$125,600	2038	* *	5	$24,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	2%			2038	* *	5	$5,200	
Exposed Struc: Concrete	55%			LIFE	* *	5-10	$178,900	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal Panel	8%			LIFE	* *	5	$52,000	
Deformed/Dented, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5-10	$44,700	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$146,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$35,400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Repairs Evident								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 3,000 Amperes And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$325,100	5	$800	
Raceway								
Conduit	90%			2033	$303,400	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	8%			2032	$27,100	5	$300	
Fused Disc Sw	1%			2049	* *	5		
Fused Toggle Switch	1%			2032	$3,400	5		
Molded Case Bkrs	80%			2032	$271,400	5	$3,800	
Molded Case Bkrs	10%			2041	* *	5	$500	
Wiring								
Thermoplastic	90%			2033	$404,300	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	5%			2046	* *	5	$100	
Locally Mounted	80%			2031	$145,200	5	$1,000	
Motor Control Center	15%			2031	$109,100	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,300	
Lighting								
Interior Lighting								
Fluorescent	2%			2028	$54,100	10	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lamps								
Fluorescent	96%			2028	$2,598,300	10	$159,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2033	$11,200	1		
Emergency, Battery	40%			2033	$121,900	10	$17,500	
Exit, Battery	50%			2041	* *	10	$6,100	
Exterior Lighting								
HID	10%	Now	$42,400	2038	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Roof And Building Perimeter								
No Component	90%							
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$1,400	
Alarm								
Security System								
Generic	100%			2041	* *	1	$67,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	90%			2028	$421,500	1-3	$103,700	
Generic, Digital	10%			2041	* *	1-3	$11,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$79,100	2046	* *	1	$161,800	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Boiler 2 Cannot Be Turned On At Unit Controls								
Leak Evident, Extent : Severe, Area Affected : 90%								
Location : Boiler 3 Has Leak At Head Valve And At Header								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$29,100	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Both Vacuum Pumps In Basement								
Terminal Devices								
Air Handler	40%			2028	$1,366,700	1	$44,900	
Convector/Radiator	60%			2038	* *	1	$35,200	
Controls								
Pneumatic	100%	Now	$175,500	2027	$3,509,000			
Broken, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Fan Room Zoning Controls								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	15%	0-2	$401,800	2043	* *	1	$11,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit Is Not Properly Working.								
Reciprocating Compr/Chiller	15%	Now	$401,800	2043	* *	1	$11,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Split Unit	5%			2033	$215,600			
Window/Wall Unit	60%			2028	$412,700	1		
No Component	5%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%	Now	$2,800	2043	* *	4	$900	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : One Of 3 Chilled Water Pumps								
Ductwork/Diffusers	30%			LIFE	* *	2	$88,600	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2033	$1,004,100	1	$33,700	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%	0-2	$149,800	2043	* *	2	$30,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : 2 Units Beyond Useful Life								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$160,300	
Exhaust Fans								
Interior	40%			2033	$322,100	2	$2,200	
Roof	60%	Now	$10,600	2033	$211,400	2	$2,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$116,600	2043	* *	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Mixing Valves, Cannot Control Temperature At Fixtures								
Sanitary Piping								
Cast Iron	100%	Now	$45,700	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Grease Trap								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$36,300	4	$5,800	
Sewage Ejector(s)								
Electric	100%			2033	$95,100	4	$10,800	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$64,800	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 315 Gallon Tanks. Quantity 2.								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$91,600	
Sprinkler								
No Component	85%							
Generic	15%			2033	$376,600	1-2	$7,600	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 60 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 228 - BK (J. H. S. 228 - BK)**		
Address	: **228 AVENUE S BTWN: WEST 5 ST., WEST 4 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K228**
Program / Asset #	: **BOE0523.000 / 2619**	**Yr Built/Renovated**	: **1930 / 2014**
Area Sq Ft	: **126,280**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **7084** **Lot** : **1**	**BIN**	: **3190273**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,359,600
Interior Architecture	$166,000	$1,067,000
Electrical	$242,700	$556,800
Mechanical	$1,358,500	$3,607,300
Total	**$1,767,300**	**$6,590,600**
Importance Code A		$1,411,000
Importance Code B	$1,767,300	$5,179,700
Total	**$1,767,300**	**$6,590,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,400		$9,400	
Interior Architecture	$106,500		$4,200	$11,100
Electrical	$13,200	$10,900	$53,400	$12,700
Mechanical	$86,900	$18,900	$67,900	$18,900
Site Enclosure	$2,000			
Site Pavements	$10,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$266,400**	**$33,700**	**$138,800**	**$46,600**
Importance Code A	$55,900	$12,500	$22,200	$12,500
Importance Code B	$163,800	$21,200	$116,600	$34,100
Importance Code C	$46,700			
Total	**$266,400**	**$33,700**	**$138,800**	**$46,600**

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DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$39,600	
Masonry: Brick	90%			LIFE	* *	5	$91,200	
Masonry: Granite	5%			LIFE	* *	5	$3,800	
Windows								
Aluminum	100%			2039	* *	5	$36,000	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,800	
Copper/Terne	5%			2051	* *	5	$4,300	
Masonry: Brick	82%			LIFE	* *	5	$14,500	
Metal Panel	5%			2051	* *	5	$3,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	98%	Now	$25,400	2031	$1,268,400			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : North West Corner Of Roof								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : North West Corner Of Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 401								
Copper/Terne	2%			2046	* *	10	$5,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$41,200	
Ceramic Tile	3%			2034	* *	5	$5,700	
Quarry Tile	3%			2036	* *	5	$8,500	
Terrazzo	5%			LIFE	* *	5	$7,400	
Vinyl Tile	47%	4+	$49,000	2036	* *	3	$33,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Stairwell.								
Wood	32%	Now	$72,000	2046	* *	5	$56,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 2%								
Location : Room 120								
Interior Walls								
Cast in Place Concrete	5%	Now	$37,600	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Basement Walls								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Wall Abutting Rear Courtyard (At Shut-offs For Pumps)								
Ceramic Tile	3%			2034	* *	5	$5,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	74%			LIFE	* *	5	$43,900	

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DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2029	$910,200	5	$28,300	
Plaster	82%	Now	$94,000	LIFE	* *	5	$96,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair J And Room 401								
Plaster	3%			LIFE	* *	5	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Ceiling								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%			2051	* *			
Chain Link	45%			2041	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	90%			2051	* *			
Masonry: Brick	10%	Now	$2,000	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cheek Wall At Stair In Rear Courtyard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	85%	Now	$6,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair In Rear Courtyard								
Pavers/Stone	15%			2034	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	100%	2-4	$4,400	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$36,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2031	$15,400	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$260,100	5	$500	
Raceway								
Conduit	10%			2031	$24,400	1		
Conduit	90%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Molded Case Bkrs	20%			2030	$59,900	5	$700	
Molded Case Bkrs	70%			2053	* *	5	$2,300	
Wiring								
Braided Cloth	40%	2-4	$136,700	2056	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T12 Lighting Fixtures Replaced, Existing Lighting Fixture Wiring Reused								
Thermoplastic	20%			2031	$68,400	1		
Thermoplastic	40%			2057	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	80%			2039	* *	10	$92,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	20%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : Auditorium, Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2026	$106,000	10	$15,200	
Exit, Service	50%			2026	$27,200	1		
Exterior Lighting								
LED	100%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	30%							
Generic	70%			2039	* *	1	$33,000	
Fire/Smoke Detection								
Generic, Digital	100%			2039	* *	1-3	$80,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	50%			2051	* *	5	$19,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Natural Gas	50%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$125,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	15%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Piping In Boiler Room								
Steam Piping/Pump	80%			2031	$809,000			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Boiler Room								
Steam Piping/Pump	5%	Now	$30,300	2061	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Defective Vacuum And Boiler Feed Water Pumps In Boiler Room								
Terminal Devices								
Air Handler	20%			2026	$475,300	1	$15,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
Convector/Radiator	70%			2029	$722,800	1	$28,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2026	$313,100	1	$4,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classrooms On The 2nd And 3rd Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd And 3rd Floor Classrooms								
Explanation : Unit Ventilators								

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DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	80%			2029	$382,700	1		
No Component	10%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2031	$346,700	1	$4,100	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,400	
Exhaust Fans								
Interior	90%			2026	$504,100	2	$3,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
Roof	10%			2026	$24,500	2	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2051	* *	1		
Galvanized Steel	80%			2029	$1,289,700	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 500 Gallon Storage Tank								
Sanitary Piping								
Cast Iron	100%	0-2	$31,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Back Ups Frequently Occur In Boys And Girls Lavatories At Basement Cafeteria.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Submersible	100%			2024	$3,900	4	$4,000	
Sewage Ejector(s)								
Electric	100%			2026	$66,100	4	$5,000	
Backflow Preventer								
Generic	100%			2031	$56,400	1	$7,700	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Serves From Basement To 4th Floor								
Explanation : 1 Unit. Machine Room Not Ventilated.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Kitchen Storage Room Not Covered. Possible Violation.								
Chemical System								
No Component	98%							
Generic	2%			2026	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 230 - Q**
Address : **34-01 73RD STREET**
Borough : **QUEENS**
Program / Asset # : **BOE1015.000 / 13408**
Area Sq Ft : **84,000**
Date of Survey : **28-Dec-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1260** **Lot** : **1**

Agency's Number : **Q230**
Yr Built/Renovated : **2000 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4028931**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$114,000	$1,162,200
Interior Architecture	$71,500	$2,989,100
Electrical	$75,500	
Mechanical	$102,500	$81,600
Total	**$363,500**	**$4,232,900**
Importance Code A	$114,000	$1,162,200
Importance Code B	$249,500	$3,070,700
Total	**$363,500**	**$4,232,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$7,500		$23,800
Interior Architecture		$5,200	$13,500	$25,100
Electrical	$8,200	$9,700	$12,200	$8,900
Mechanical	$105,300	$47,800	$40,400	$62,000
Site Pavements	$8,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$129,600**	**$78,100**	**$74,000**	**$127,600**
Importance Code A	$8,300	$15,800	$8,300	$32,300
Importance Code B	$121,300	$57,100	$65,700	$95,300
Importance Code C		$5,200		
Total	**$129,600**	**$78,100**	**$74,000**	**$127,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$45,300	
Masonry: Granite	5%			LIFE	* *	5	$1,900	
Pre-Cast Concrete	5%	Now	$114,000	LIFE	* *	5	$8,200	
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : At Basement. Room C31, C32, C33, C35 Leaking Heavily During Rainy Conditions								
Windows								
Aluminum	95%			2048	* *	5	$22,800	
Metal Louvers	5%			2035	* *	10	$7,500	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$5,400	
Metal Rail	10%			2037	* *	5-10	$11,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,000	
Roof								
Built-Up (BUR)	100%			2032	$1,070,500	10	$91,700	
Soffits								
Stucco Cement	100%			2037	* *	5	$33,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,600	
Vinyl Tile	80%			2032	$2,989,100	3	$40,600	
Wood	10%			2067	* *	5	$25,400	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$10,300	
Concrete Masonry Unit	35%			LIFE	* *	5	$28,900	
Gypsum Board	30%			LIFE	* *	5	$37,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$41,300	
Ceilings								
AcousTileConcealSpLn	15%			2037	* *	5	$24,800	
AcousTileSusp.Lay-In	65%	0-2	$71,500	2045	* *	5	$43,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : At Hall, Water Marked Stain								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$24,800	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$8,200	2045	* *			
Other Observation, Extent : Severe, Area Affected : 70%								
Location : Along 74th Steet, Leaking Heavily At Basement								
Explanation : Leaking Heavily At Intersection Of Building And Sidewalk								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Molded Case Bkrs	90%			2048	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	10%			2045	* *	5	$100	
Motor Control Center	90%			2045	* *	5	$2,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$25,800	
Generators								
Diesel	100%			2041	* *	1	$32,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 300 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2048	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 50 Gallon Capacity								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$75,500	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2037	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2037	* *	1		
Exit, Service	40%			2037	* *	1		
Exterior Lighting								
HID	100%			2037	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Inside And Outside								
Explanation : 46 CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$15,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$83,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$47,200	2052	* *	4	$4,100	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In The Basement								
Terminal Devices								
Air Handler	60%			2037	* *	1	$31,200	
Convector/Radiator	40%	Now	$13,700	2045	* *	1	$9,800	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Radiator Pipes, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2037	* *	1	$39,000	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$6,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$51,900	
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$58,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,800	
Exhaust Fans								
Interior	90%			2037	* *	2	$2,300	
Roof	10%			2037	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$2,000	2027	$102,500	2		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 400 Gallons. Rusting At The Base Of The Tank, Motor Malfunction Time To Time								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2032	$16,800	4	$2,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar								
Explanation : There Are 7 Sump Pumps To Remove Ground Water During Rain								
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,000	
Backflow Preventer								
Generic	100%			2037	* *	1	$5,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$42,400	
Sprinkler								
Generic	100%			2052	* *	1-2	$23,500	
Fire Pump								
Generic	100%			2041	* *	1	$15,700	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 230 - Q ANNEX**		
Address	: **74-03 34TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q297**
Program / Asset #	: **BOE1155.000 / 14901**	**Yr Built/Renovated**	:
Area Sq Ft	: **35,868**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,Ph**		
Block	: **1247** **Lot** : **41**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$61,900	$61,900
Interior Architecture	$54,300	
Mechanical	$51,500	$1,372,400
Total	**$167,700**	**$1,434,200**
Importance Code A	$61,900	$61,900
Importance Code B	$51,500	$1,372,400
Importance Code C	$54,300	
Total	**$167,700**	**$1,434,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$63,800		$3,200	
Interior Architecture	$50,600		$9,100	$33,700
Electrical	$4,300	$3,300	$4,200	$3,300
Mechanical	$62,300	$16,800	$28,400	$26,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$189,000**	**$28,100**	**$52,900**	**$71,900**
Importance Code A	$78,100	$900	$4,100	$900
Importance Code B	$104,700	$27,200	$48,700	$40,000
Importance Code C	$6,200			$31,100
Total	**$189,000**	**$28,100**	**$52,900**	**$71,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q ANNEX

Asset # : 14901

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$123,700	
Metal Panel	2%			2053	* *	5-10	$10,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$50,300	
Window Wall	8%			2053	* *	5	$23,200	
Windows								
Aluminum	95%	Now	$9,700	2049	* *	5	$5,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cracked Panes At Cafeteria, Stair A And Classrooms								
Metal Louvers	5%	Now	$600	2042	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Penthouse								
Parapets								
Concrete Masonry Unit	65%			LIFE	* *	5-10	$21,100	
Metal Panel	15%			2053	* *	5	$3,400	
Metal Rail	5%			2046	* *	5-10	$5,300	
Pre-Cast Concrete	15%			LIFE	* *	5	$11,200	
Roof								
Copper/Terne	10%			2061	* *	10	$6,400	
IRMA/Protected Membrane	20%	Now	$6,000	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Smoke Hatch And Classrooms On 4th Floor								
Plaza Roof: Stone Panels	70%			2053	* *			
Soffits								
Metal Panel	100%			2053	* *	5-10		
Interior								
Floors								
Carpet	2%			2032	$19,000	3	$1,600	
Cast in Place Concrete	2%			LIFE	* *	5	$4,700	
Ceramic Tile	10%			2042	* *	5	$5,400	
Quarry Tile	10%			2046	* *	5	$8,100	
Traffic Topping	8%			2038	* *	5	$5,400	
Vinyl Tile	68%			2038	* *	3	$13,700	
Interior Walls								
Ceramic Tile	40%			2042	* *	5	$62,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$12,400	
Gypsum Board	50%	Now	$54,300	LIFE	* *	5	$46,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms, 401 And Others								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms, 401 And Others								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q ANNEX

Asset # : 14901

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	90%	Now	$40,200	2046	* *	5	$24,200	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 4th Floor Classrooms, 401 And Others								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classrooms, 401 And Others								
Gypsum Board	10%	Now	$1,900	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classrooms, 401 And Others								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classrooms, 401 And Others								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Retaining Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$900	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	40%			2046	* *	5	$100	
Variable Frequency Drive	60%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q ANNEX

Asset # : 14901

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$31,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$1,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$30,100	10	$4,300	
Exit, Battery	50%			2033	$25,400	10	$1,200	
Exterior Lighting								
HID	2%			2038	* *	10		
Incandescent	1%			2038	* *	2		
LED	7%			2038	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$300	
Alarm								
Security System								
Generic	50%			2038	* *	1	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$22,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q ANNEX

Asset # : 14901

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	25%	Now	$4,800	2038	* *	1	$4,000	
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Penthouse Mechanical Room 603 - Boiler #2								
Hot Water Boiler	25%	Now	$9,500	2038	* *	1	$4,000	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Penthouse Mechanical Room 603								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Penthouse Mechanical Room 603 - Boiler #1								
No Component	50%							
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$2,700	
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$11,600	
Controls								
Digital	100%	Now	$51,500	2028	$515,100			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Bms System Serving Building Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2033	$572,500	2	$2,100	
Split Unit	5%			2033	$42,600			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$58,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,700	
Exhaust Fans								
Roof	100%			2033	$69,600	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room 509								
Explanation : 1 Unit. 500,000 Btu/hr Input. Estimated 300 Gallons. Quantity 4.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q ANNEX

Asset # : 14901

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Two Elevators Travel From 1st Floor To 4th Floor								
Explanation : 2 Units.								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$18,100	
Sprinkler								
Generic	100%			2043	* *	1-2	$10,100	
Fire Pump								
Generic	100%			2042	* *	1	$6,700	
Chemical System								
Generic	100%			2028	$146,900	1-3	$145,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood Covers 36 Square Feet (8 Ft L x 4.5 Ft W).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 232 - BK (J. H. S. 232 - BK)**		
Address	: **905 WINTHROP STREET BTWN: EAST 52 ST., EAST 53 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K232**
Program / Asset #	: **BOE0527.000 / 1323**	**Yr Built/Renovated**	: **1930 / 2007**
Area Sq Ft	: **122,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4606** **Lot** : **25**	**BIN**	: **3099733**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$282,800	$1,198,800
Interior Architecture	$3,864,000	$797,700
Electrical	$634,200	$535,900
Mechanical	$2,700,200	$1,569,200
Total	**$7,481,200**	**$4,101,600**
Importance Code A	$282,800	$1,198,800
Importance Code B	$7,142,100	$2,266,800
Importance Code C	$56,300	$636,000
Total	**$7,481,200**	**$4,101,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,400	$2,500		
Interior Architecture	$5,100	$2,500	$3,800	$10,100
Electrical	$3,400	$5,000	$3,700	$3,400
Mechanical	$100,900	$39,700	$29,800	$20,900
Site Pavements	$9,200			
Total	**$128,000**	**$49,800**	**$37,300**	**$34,500**
Importance Code A	$33,100	$16,200	$13,400	$13,400
Importance Code B	$85,700	$33,500	$23,900	$21,000
Importance Code C	$9,200			
Total	**$128,000**	**$49,800**	**$37,300**	**$34,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$23,300	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$53,800	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$2,200	
Windows								
Aluminum	100%	Now	$282,800	2046	* *	5	$29,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$9,400	LIFE	* *	5	$16,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Main Roof North Elevation								
Copper/Terne	5%			2065	* *	5	$5,000	
Masonry: Brick Cavity	75%			LIFE	* *	5	$15,600	
Metal Rail	10%			2043	* *	5-10	$37,500	
Roof								
Built-Up (BUR)	95%			2030	$1,054,700	10	$90,400	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2058	* *	10	$11,900	
Interior								
Floors								
Asphalt Poured	20%	Now	$75,200	2050	* *	5	$10,200	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Stairs								
Cast in Place Concrete	10%			LIFE	* *	5	$44,400	
Ceramic Tile	5%			2039	* *	5	$10,200	
Terrazzo	5%			LIFE	* *	5	$7,900	
Vinyl Tile	15%			2035	* *	3	$11,400	
Vinyl Tile 9" X 9"	10%			2025	$3,586,000	3	$7,600	
Wood	35%	Now	$84,800	2045	* *	5	$66,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	$636,000	5	$11,600	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%	Now	$56,300	LIFE	* *	5	$6,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Stairs I And J Behind Gymnasium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stairs I And J Behind Gymnasium								
Plaster	60%			LIFE	* *	5	$41,600	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2047	* *	5	$20,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Various Classrooms								
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,200	
Metal Panel	5%			LIFE	* *	5	$12,700	
Plaster	10%	Now	$61,700	LIFE	* *	5	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stairs I And J Behind Gymnasium And Hallways								
Plaster	65%			LIFE	* *	5	$82,400	
Site Enclosure								
Fence/Gates								
Chain Link	45%			2050	* *			
Iron Picket	55%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2035	* *			
Masonry: Granite	30%	Now	$9,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Entry Stairs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Entry Stairs								
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$208,100	5	$400	
Molded Case Bkrs	20%			2050	* *	5	$600	
Raceway								
Conduit	95%			2040	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2046	* *	5	$600	
Molded Case Bkrs	80%			2038	* *	5	$2,600	
Wiring								
Braided Cloth	90%	2-4	$307,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$145,200	5	$700	
Locally Mounted	20%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	94%			2035	* *	10	$117,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2035	* *	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2030	$113,900	10	$16,400	
Exit, Service	50%			2030	$29,300	1		
Exterior Lighting								
HID	20%			2025	$113,900	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$68,700	1	$13,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$94,400	1-3	$22,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	4+	$23,700	2035	* *	1	$121,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units. 3 Leaking Tubes In Boiler No. 1								
Distribution								
Steam Piping/Pump	100%	4+	$54,400	2030	$1,087,100			
Insul. Deteriorating, Extent : Moderate, Area Affected : 25%								
Location : Condensate Return Tank In Basement.								
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pump In Basement								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Explanation : Faulty Steam Valves								
Terminal Devices								
Air Handler	50%	Now	$255,500	2025	$1,277,300	1	$37,800	
Not in Service, Extent : Severe, Area Affected : 25%								
Location : Main House Blower In Fan Room								
Convector/Radiator	50%	Now	$27,800	2035	* *	1	$19,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Explanation : Faulty Thermostatic Traps At Radiators								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	2%			2030	$64,500			
Window/Wall Unit	90%			2025	$462,800	1		
No Component	8%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$37,800	
No Component	50%							
Exhaust Fans								
Interior	90%	Now	$108,400	2025	$541,900	2	$3,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Blower Fans In Fan Room								
Roof	10%			2030	$26,300	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$346,600	1		
Water Heater With Tanks								
Gas Fired	100%	2-4	$1,700	2025	$17,100	2		
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Shuts Off On High Heat Setting In Basement								
Sanitary Piping								
Cast Iron	100%	Now	$34,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$9,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,700	2030	$27,200	4	$2,900	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Corroded In Sump Pit In Basement								
Sewage Ejector(s)								
Electric	100%			2030	$71,100	4	$5,400	
Backflow Preventer								
Generic	100%			2035	* *	1	$8,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 234 - BK**		
Address	: **1875 EAST 17 STREET BTWN: AVE. R, AVE. S**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K234**
Program / Asset #	: **BOE0529.000 / 1324**	**Yr Built/Renovated**	: **1937 / 2010**
Area Sq Ft	: **123,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6821** **Lot** : **244**	**BIN**	: **3184057**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$343,600	$226,400
Interior Architecture	$348,200	$1,020,000
Electrical	$489,000	$847,600
Mechanical		$1,636,200
Total	**$1,180,800**	**$3,730,100**
Importance Code A	$343,600	$226,400
Importance Code B	$761,900	$3,177,300
Importance Code C	$75,300	$326,400
Total	**$1,180,800**	**$3,730,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$11,200	$11,300	
Interior Architecture	$23,900	$2,800		$4,700
Electrical	$4,600	$19,400	$4,200	$4,700
Mechanical	$52,200	$50,400	$31,300	$20,100
Site Enclosure	$19,600			
Site Pavements	$76,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$180,400**	**$87,800**	**$50,700**	**$33,500**
Importance Code A	$12,200	$23,700	$23,400	$12,200
Importance Code B	$143,100	$64,100	$27,200	$21,300
Importance Code C	$25,200			
Total	**$180,400**	**$87,800**	**$50,700**	**$33,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$76,000	
Masonry: Brick	15%			LIFE	* *	5	$15,200	
Masonry: Granite	2%			LIFE	* *	5	$1,500	
Masonry: Limestone	3%			LIFE	* *	5	$2,300	
Metal Panel	5%			2040	* *	5-10	$34,800	
Windows								
Aluminum	20%	4+	$103,100	2046	* *	5	$3,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Steel	5%			2046	* *	5	$22,500	
Wood	75%			2046	* *	5	$270,300	
Parapets								
Masonry: Brick	77%			LIFE	* *	5	$13,600	
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Metal Panel	5%			2050	* *	5	$3,400	
Metal Rail	3%			2043	* *	5-10	$9,600	
Metal Security Bars	10%			2058	* *			
Roof								
Fiberglass Panel	2%			2043	* *	1		
Metal Panel	3%			2043	* *	10	$6,100	
Modified Bitumen	95%			2035	* *	10	$105,300	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$82,500	
Ceramic Tile	5%			2033	$531,600	5	$9,400	
Quarry Tile	3%	0-2	$8,300	2035	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Quarry Tile	2%			2035	* *	5	$5,700	
Terrazzo	5%			LIFE	* *	5	$7,400	
Vinyl Tile	20%	Now	$52,100	2035	* *	3	$14,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 4th Floor In 1937 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 4th Floor In 1937 Wing								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Corridors - 1937 Wing								
Explanation : 9x9 Tiles								
Wood	45%			2045	* *	5	$159,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2033	$326,400	5	$5,900	
Concrete Masonry Unit	25%			LIFE	* *	5	$19,800	
Masonry: Brick	10%	4+	$75,300	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Marble Panels	2%			LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Near Auditorium								
Plaster	40%			LIFE	* *	5	$23,700	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$18,900	
AcousTileSusp.Lay-In	25%			2043	* *	5	$47,100	
Exposed Struc: Concrete	5%	Now	$141,300	LIFE	* *	5	$1,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 8%								
Location : Beams And Deck In Basement								
Exposed Struc: Concrete	50%			LIFE	* *	5	$14,700	
Metal Panel	5%	4+	$15,600	LIFE	* *	5	$11,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	5%			LIFE	* *	5	$5,900	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	12%	4+	$1,900	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 17th Street								
Chain Link	53%			2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Iron Picket	35%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Concrete Masonry Unit	100%	Now	$17,700	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Retaining Wall Material Is Paver Block System								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$36,500	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 17th Street								

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DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$23,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	95%	0-2	$16,500	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	5%			2030	$13,000			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Activity Yard								
Explanation : Vegetation Growth								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2050	* *	5	$500	
Fused Disc Sw	10%			2056	* *	5	$100	
Raceway								
Conduit	25%			2050	* *	1		
Conduit	70%			2030	$170,600	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Fused Knife Sw	20%	0-2	$59,900	2055	* *	5	$300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fused Toggle Switch	45%	2-4	$134,700	2055	* *	5	$600	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2046	* *	5	$600	
Molded Case Bkrs	5%			2052	* *	5	$200	
Wiring								
Braided Cloth	65%	2-4	$222,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2050	* *	1		
Thermoplastic	5%			2056	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$700	
Variable Frequency Drive	20%			2047	* *			
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	30%			2030	$550,100	10	$33,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	64%			2035	* *	10	$72,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Type Fixtures. Fixtures Are Satisfactory Condition; However, The Sensors Are Malfunctioning.								
Fluorescent	2%			2038	* *	10	$2,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$14,800	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$46,200	1	$9,200	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2030	$126,900	1-3	$31,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$121,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	20%			2035	* *	1	$15,200	
Convector/Radiator	60%			2028	$603,500	1	$23,800	
Fan Coil Unit/Heat	20%			2030	$609,900	1	$7,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	25%			2035	* *	2	$1,900	
Split Unit	5%			2035	* *			
Window/Wall Unit	5%			2028	$23,300	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,600	
Exhaust Fans								
Interior	60%			2030	$327,300	2	$2,300	
Roof	40%			2030	$95,500	2	$1,500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	Now	$31,000	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
Explanation : Leak In Rise On 1st Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$24,600	4	$3,900	
Backflow Preventer								
Generic	100%			2035	* *	1	$7,500	
Fixtures								
Generic	100%							

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DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2050	* *	1-5	$15,500	
Sprinkler								
No Component	70%							
Generic	30%			2050	* *	1-2	$10,300	
Fire Pump								
No Component	75%							
Generic	25%			2039	* *	1	$5,700	
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 238 - Q**
Address : **88-15 182 STREET @ BTWN HILLSIDE AVE. - 89TH AVE.**
Borough : **QUEENS** **Agency's Number** : **Q238**
Program / Asset # : **BOE0866.000 / 1489** **Yr Built/Renovated** : **1972 / 2004**
Area Sq Ft : **199,900** **Project Type** : **EDUCATION**
Date of Survey : **11-Feb-2021** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Ph**
Block : **9919** **Lot** : **6** **BIN** : **4212425**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$369,400	$272,700
Interior Architecture	$181,900	$13,278,600
Electrical	$434,500	$1,797,700
Mechanical	$774,300	$8,311,700
Total	**$1,760,000**	**$23,660,800**
Importance Code A	$369,400	$2,066,500
Importance Code B	$1,289,500	$21,594,200
Importance Code C	$101,200	
Total	**$1,760,000**	**$23,660,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,400	$12,400		
Interior Architecture	$80,000	$7,700	$32,600	$15,600
Electrical	$7,000	$6,200	$7,900	$7,700
Mechanical	$71,700	$37,500	$49,800	$85,600
Site Enclosure	$35,300			
Site Pavements	$86,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$342,300**	**$67,800**	**$94,300**	**$112,800**
Importance Code A	$78,200	$32,200	$19,800	$20,200
Importance Code B	$225,100	$27,900	$74,500	$92,600
Importance Code C	$39,000	$7,700		
Total	**$342,300**	**$67,800**	**$94,300**	**$112,800**

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DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	1%			LIFE	* *	5	$1,200	
Masonry: Brick	78%	Now	$245,000	LIFE	* *	5	$148,800	
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Interior Court								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Interior Court								
Masonry: Granite	1%			LIFE	* *	5	$1,400	
Pre-Cast Concrete	20%			LIFE	* *	5	$124,000	
Windows								
Aluminum	90%			2048	* *	5	$68,000	
Metal Louvers	5%			2041	* *	10	$23,600	
Steel	5%	Now	$28,400	2057	* *	5	$23,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$35,000	
Masonry: Brick	60%			LIFE	* *	5	$20,400	
Metal Panel	15%	Now	$124,400	2052	* *	5	$9,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Interior Roof Parapets								
Pre-Cast Concrete	15%			LIFE	* *	5	$32,000	
Roof								
Built-Up (BUR)	95%	0-2	$30,100	2037	* *			
Blisters, Extent : Light, Area Affected : 1%								
Location : Near Roof Drains								
Metal Panel	5%			2045	* *	10	$12,400	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$32,100	
Ceramic Tile	3%			2041	* *	5	$8,800	
Quarry Tile	5%	4+	$21,600	2045	* *	5	$11,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen Floor								
Vinyl Tile	5%	2-4	$40,500	2032	$405,300	3	$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Entry Ways								
Vinyl Tile	62%			2032	$5,025,200	3	$68,200	
Vinyl Tile 9" X 9"	15%			2032	$7,767,400	3	$16,500	
Wood	5%			2047	* *	5	$27,500	

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DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$101,200	2041	* *	5	$4,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : 1st Floor Adult Restroom, 3rd Floor Girls, Womens, Boys Rooms								
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : First Floor Adult Restroom								
Concrete Masonry Unit	10%			LIFE	* *	5	$12,300	
Folding Partition	2%			2040	* *	5	$15,300	
Glazed Ceramic Panel	3%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$36,800	
SGFT/Glazed Masonry	32%			LIFE	* *			
Ceilings								
AcousTile,Adhered	55%			2045	* *	5	$161,400	
Exposed Struc: Concrete	30%			LIFE	* *	5	$13,800	
Metal Panel	5%			LIFE	* *	5	$18,300	
Plaster	10%	Now	$17,800	LIFE	* *	5	$18,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$18,600	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 85th Avenue								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Activity Yard								
Iron Picket	50%	Now	$8,100	2067	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : 182nd Street								
Other Observation, Extent : Light, Area Affected : 1%								
Location : 182nd Street								
Explanation : Gate Dislogged								
Retaining Walls								
Cast in Place Concrete	100%	4+	$8,500	2067	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : 182nd Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$22,500	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 182nd Street								

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DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	96%	4+	$10,600	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Masonry: Granite	4%	4+	$1,600	LIFE	* *			
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Entry Steps								
Activity Yard								
Asphalt	90%			2041	* *			
Pavers/Stone	8%	Now	$23,600	2041	* *			
Tripping Hazard, Extent : Light, Area Affected : 5%								
Location : Activity Yard								
Rubber Matting	2%	Now	$27,700	2042	* *			
Tripping Hazard, Extent : Light, Area Affected : 2%								
Location : Playground								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$260,100	5	$700	
Fused Disc Sw	20%			2058	* *	5	$200	
Raceway								
Conduit	90%			2032	$303,400	1		
Conduit	10%			2058	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$33,900	5	$500	
Molded Case Bkrs	80%			2031	$271,400	5	$4,200	
Molded Case Bkrs	10%			2054	* *	5	$500	
Wiring								
Thermoplastic	90%			2032	$404,300	1		
Thermoplastic	10%			2058	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$163,300	5	$1,200	
Locally Mounted	10%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	

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DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$176,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$167,800	10	$24,100	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	30%			2027	$279,800	10	$200	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$22,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Exit Doors, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$154,700	1-3	$38,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$464,800	5	$61,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks 1500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2030	$1,742,400	1	$198,000	
On Extended Life, Extent : Moderate, Area Affected : 15%								
Location : Boilers								
Other Observation, Extent : N/A, Area Affected : 1%								
Location : Basement Boiler Room								
Explanation : 3 Units								

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DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	70%	0-2	$56,000	2042	* *			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Piping In Basement Cross Bay								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Steam Piping/Pump	30%			2042	* *			
Terminal Devices								
Air Handler	20%			2032	$752,400	1	$24,700	
Convector/Radiator	8%	0-2	$2,600	2030	$130,800	1	$4,600	
Loose, Extent : Moderate, Area Affected : 5%								
Location : Control Valves, Various Locations								
Convector/Radiator	72%			2030	$1,176,900	1	$46,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%	Now	$5,900	2027	$294,900	1	$8,300	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : No. 2 Unit In Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
Reciprocating Compr/Chiller	10%			2027	$294,900	1	$9,300	
Window/Wall Unit	20%	0-2	$7,600	2030	$151,500	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Window/Wall Unit	30%			2030	$227,200	1		
No Component	30%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2042	* *	4	$2,000	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2032	$543,000	1	$24,700	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2027	$128,400	2	$27,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
No Component	80%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$111,500	
Exhaust Fans								
Interior	50%			2032	$443,300	2	$3,100	
Roof	50%			2032	$193,900	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$1,276,000	1		
Water Heater With Tanks								
Gas Fired	40%	0-2	$100	2027	$6,800	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Defective Unit								
Gas Fired	60%			2027	$10,200	2		
HW Heat Exchanger								
Steam Fired	100%			2032	$966,600	4	$29,600	
Sanitary Piping								
Cast Iron	15%	0-2	$7,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Various Location								
Cast Iron	85%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$40,000	4	$6,300	
Sewage Ejector(s)								
Electric	100%			2032	$104,700	4	$11,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$138,200	1-2	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 239 - BK (J. H. S. 239 - BK)**				
Address	: **2401 NEPTUNE AVENUE BTWN: W.24 ST. - W.25 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K239**	
Program / Asset #	: **BOE0533.000 / 1326**		**Yr Built/Renovated**	: **1937 / 2003**	
Area Sq Ft	: **155,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **24-Jun-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **6965**	**Lot** : **140**	**BIN**	: **3188221**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$621,700	$598,800
Interior Architecture	$4,601,000	$184,900
Electrical		$523,800
Mechanical	$1,297,100	$141,800
Total	**$6,519,700**	**$1,449,300**
Importance Code A	$621,700	$598,800
Importance Code B	$5,741,400	$850,500
Importance Code C	$156,700	
Total	**$6,519,700**	**$1,449,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$87,100			
Interior Architecture	$70,400		$19,800	$900
Electrical	$26,000	$26,500	$53,700	$26,700
Mechanical	$60,300	$38,400	$44,700	$28,500
Total	**$243,700**	**$64,900**	**$118,200**	**$56,100**
Importance Code A	$114,100	$15,400	$15,400	$15,700
Importance Code B	$129,600	$49,500	$102,800	$40,400
Importance Code C				
Total	**$243,700**	**$64,900**	**$118,200**	**$56,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	82%			LIFE	* *	5	$170,500	
Masonry: Limestone	5%	4+	$81,900	LIFE	* *	5	$7,800	
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Above Entries								
Granite Panels	10%	Now	$255,900	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	3%			LIFE	* *	5	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Sides								
Explanation : Decorative Band At Doors								
Windows								
Aluminum	100%	Now	$283,900	2047	* *	5	$29,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Broken Lite								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Parapets								
Cast Stone/Terra Cotta	7%	4+	$12,000	LIFE	* *	5	$10,200	
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Interior Of Coping Stones								
Masonry: Brick	90%			LIFE	* *	5	$17,000	
Masonry: Limestone	3%	4+	$3,500	LIFE	* *	5	$700	
Vegetation Growth, Extent : Light, Area Affected : 30%								
Location : All Sides								
Roof								
Built-Up (BUR)	55%	4+	$31,000	2036	* *			
Patching Evident, Extent : Light, Area Affected : 5%								
Location : West End Of Roof								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	25%	Now	$31,700	2046	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
IRMA/Protected Membrane	15%			2031	$428,300	10	$14,500	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2044	* *	10	$8,900	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,800	
Ceramic Tile	5%	0-2	$33,400	2040	* *	5	$5,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Storage Closets								
Terrazzo	5%			LIFE	* *	5	$9,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium Lobby								
Explanation : Decorative Pattern								
Vinyl Tile	67%			2026	$4,381,600	3	$59,500	
Vinyl Tile 9" X 9"	3%	4+	$62,700	2041	* *	3	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Wood	10%			2059	* *	5	$44,400	
Interior Walls								
Masonry: Brick	12%	Now	$105,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement East End Around Windows								
Marble Panels	3%			LIFE	* *			
Plaster	45%	2-4	$50,700	LIFE	* *	5	$31,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2044	* *	5	$29,600	
Plaster	90%			LIFE	* *	5	$133,200	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$700	
Raceway								
Conduit	50%			2031	$144,400	1		
Conduit	50%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$400	
Molded Case Bkrs	60%			2030	$179,600	5	$2,400	
Molded Case Bkrs	30%			2047	* *	5	$1,200	
Wiring								
Thermoplastic	50%			2031	$199,800	1		
Thermoplastic	50%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2044	* *	5	$500	
Variable Frequency Drive	50%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$47,700	
Generators								
Natural Gas	100%			2044	* *	1	$60,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor Enclosure								
Explanation : 200 Kilowatt Capacity								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$5,700	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	10%			2039	* *	1		
Emergency, Battery	40%			2036	* *	10	$15,000	
Exit, Battery	50%			2036	* *	10	$5,200	
Exterior Lighting								
LED	100%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof And Building Perimeter								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$1,000	
Alarm								
Security System								
Generic	100%			2036	* *	1	$57,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$95,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$27,000	2048	* *	1	$138,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Boiler No.2 Burner Unable To Ignite In Basement Boiler Room								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Upgrade In 2016. Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers.								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$11,500	
Recent Installation, Extent : N/A, Area Affected : 75%								
Location : Steam Traps Installed In Various Locations In Basement And All Occupiable Rooms								
Terminal Devices								
Convector/Radiator	80%			2036	* *	1	$40,100	
Fan Coil Unit/Heat	20%			2026	$768,600	1	$10,000	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	90%	Now	$10,600	2026	$528,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : 2 Defective Units In Cafeteria And Auditorium								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,400	
Recent Installation, Extent : N/A, Area Affected : 90%								
Location : Supply Fans In Basement Mechanical Areas								
Exhaust Fans								
Interior	80%			2039	* *	2	$3,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Exhaust Fans In Basement Mechanical Areas								
Roof	20%	Now	$12,000	2031	$60,200	2	$800	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Electric	50%			2030	$11,800	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electric Water Heater In Basement Boiler Room								
Gas Fired	50%			2030	$8,500	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : One 100 Gallon Gas-Fired Water Heater; One 75 Gallon Electric Water Heater.								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$23,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$3,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room And Mechanical Areas								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room And Mechanical Areas								
Explanation : (3 Of 4) Duplex Pumps Used For Eliminating Potential Climatic Flooding. (4 Of 4) Duplex Pumps Used For Boiler System.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 20%								
Location : 3rd Floor Toilet Rooms								
Other Observation, Extent : Light, Area Affected : 60%								
Location : 1st Floor And 2nd Floor								
Explanation : Student And Staff Toilets And Urinals Upgraded Approximately 4 Years Ago.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,200	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 240 - BK**				
Address	: **2500 NOSTRAND AVENUE @ AVENUE K**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K240**
Program / Asset #	: **BOE0534.000 / 1327**			**Yr Built/Renovated**	: **1951 / 1999**
Area Sq Ft	: **152,806**			**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Att**				
Block	: **7629**	**Lot**	: **30**	**BIN**	: **3208638**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$337,100	$216,900
Interior Architecture	$1,877,000	$179,400
Electrical	$279,700	$2,052,600
Mechanical	$1,114,000	$9,924,900
Site Enclosure	$194,400	
Site Pavements	$50,600	
Total	**$3,852,800**	**$12,373,900**
Importance Code A	$470,300	$1,600,200
Importance Code B	$2,652,200	$10,700,000
Importance Code C	$730,300	$73,700
Total	**$3,852,800**	**$12,373,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$84,900			
Interior Architecture	$105,000		$2,900	$11,400
Electrical	$46,200	$14,300	$14,800	$18,900
Mechanical	$225,600	$31,300	$71,700	$37,700
Site Enclosure	$26,300			
Total	**$488,000**	**$45,500**	**$89,300**	**$68,000**
Importance Code A	$84,900	$15,100	$15,100	$15,100
Importance Code B	$321,500	$30,400	$74,200	$52,900
Importance Code C	$81,500			
Total	**$488,000**	**$45,500**	**$89,300**	**$68,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$9,600	
Masonry: Brick	80%			LIFE	* *	5	$245,900	
Masonry: Brick Cavity	5%			LIFE	* *	5	$15,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : At Spandrel Beam And Above 3rd Floor Windows								
Masonry: Limestone	5%			LIFE	* *	5	$11,500	
Granite Panels	5%			LIFE	* *	5	$11,500	
Windows								
Aluminum	95%	0-2	$133,800	2041	* *	5	$28,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout								
Metal Louvers	5%	0-2	$16,400	2036	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Above Slate Roof								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$94,200	
Masonry: Limestone	5%			LIFE	* *	5-10	$9,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,600	
Roof								
Built-Up (BUR)	75%			2038	* *	10	$94,000	
Slate	25%			LIFE	* *	10	$31,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$100,100	
Ceramic Tile	5%	0-2	$64,500	2036	* *	5	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Terrazzo	3%	0-2	$32,100	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$7,100	
Vinyl Tile	40%	Now	$252,700	2038	* *	3	$34,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Classrooms 300, 311, 137, 139 And Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Classrooms 300, 311, 137, 139 And Throughout								
Vinyl Tile	10%			2038	* *	3	$8,600	
Wood	26%	0-2	$354,700	2048	* *	5	$55,700	
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout								
Wood	4%			2048	* *	5	$17,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	Now	$14,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement And Boiler Room During Heavy Rain								
Ceramic Tile	5%	Now	$67,500	2036	* *	5	$12,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$39,300	
Glazed Ceramic Panel	3%			LIFE	* *	10	$13,300	
Masonry: Brick	5%			LIFE	* *	10	$7,400	
Plaster	50%	0-2	$298,700	LIFE	* *	5	$73,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 130, And 134, Stair Cases And Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 130, And 134, Stair Cases And Throughout								
SGFT/Glazed Masonry	25%	0-2	$220,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	4+	$138,400	2038	* *	5	$10,800	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
AcousTileSusp.Lay-In	5%			2038	* *	5	$10,800	
Exposed Struc: Concrete	54%	Now	$348,000	LIFE	* *	5	$18,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	6%			LIFE	* *	5-10	$16,100	
Plaster	25%	Now	$81,700	LIFE	* *	5	$33,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$26,300	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Iron Picket	50%	0-2	$143,300	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$51,000	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Areaways								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Front Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$50,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Tree Pits Throughout								
On-Site Walkways								
Cast in Place Concrete	85%			2038	* *			
Masonry: Granite	15%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Cast in Place Concrete	50%			2038	* *			
Pavers/Stone	50%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$25,700	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2033	$25,700	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%	0-2	$14,600	2033	$292,600	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Inadequate Power For Air Conditioning								
Raceway								
Conduit	95%			2033	$274,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$400	
Molded Case Bkrs	80%			2032	$239,500	5	$3,200	
Molded Case Bkrs	10%			2049	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$279,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2033	$99,900	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$163,300	5	$900	
Variable Frequency Drive	10%	Now	$7,300	2038	* *			
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	Now	$10,400	LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$126,100	
Motion Sensors in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	5%			2028	$211,700	2	$200	
LED	5%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2033	$128,200	10	$18,400	
Exit, Service	50%			2033	$32,900	1		
Exterior Lighting								
HID	10%			2028	$71,300	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	90%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$57,100	
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$7,900	2028	$394,200	1-3	$85,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Smoke Detectors In Fan Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2059	* *	5	$47,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : 1 Unit, 7,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$133,200	2031	$1,331,900	1	$136,200	
Controller Not Working, Extent : Severe, Area Affected : 66%								
Location : Basement - Boiler Room - Boilers No. 1 And 3 (Defective Smoke Opacity Monitoring)								
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Basement - Boiler Room - All Boilers- Damaged Refractory								
Leak Evident, Extent : Moderate, Area Affected : 66%								
Location : Basement - Boiler Room - Boilers No. 2 And 3 - Leaking Oil At Burners								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 3 Units, 60 Gph Each								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$54,000	
Steam Piping/Pump	60%	2-4	$36,700	2033	$734,200			
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Basement - Float And Thermostatic Traps								
Terminal Devices								
Air Handler	40%			2028	$1,150,200	1	$37,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Second And Third Floor Fan Rooms								
Convector/Radiator	54%			2031	$674,700	1	$26,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	6%	Now	$75,000	2053	* *	1	$2,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Rooms 113, 301, 338 And Other Locations								
Controls								
Digital	15%	Now	$32,900	2026	$658,300			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room - Auditorium Digital Controls								
Pneumatic	85%	Now	$50,200	2031	$2,510,200			
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Attic Fan Room (Controls For Attic Room Split Systems)								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	30%			2058	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Various Classrooms - Pending/ Under Construction Power Panels Installation.								
Electricity	25%			2049	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Telecom Rooms								
Explanation : Location Noted								
Electricity	30%			2032	$88,200	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Various Classrooms, Offices, Cafeteria								
Explanation : Location Noted								
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Gymnasium, Kitchen								
Explanation : Location Noted								
Conversion Equipment								
Split Unit	10%			2033	$362,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Telecom Rooms								
Explanation : 3 Systems, 3 Tons Each Approximately								
Split Unit	10%			2028	$362,900			
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : East And West South Wings - Roofs (Outdoor Units); Attic Fan Room (Indoor Units)								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : East And West South Wings - Roofs (Outdoor Units); Attic Fan Room (Indoor Units)								
Explanation : 2 Systems 5 Tons Each Approximately. Ducted Indoor Units Serving Attic Rooms								
Window/Wall Unit	20%	Now	$115,800	2033	$115,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Various Classrooms, Offices And Other Locations								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Various Classrooms, Offices And Other Locations								
Window/Wall Unit	30%			2033	$173,700	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Various Classrooms								
No Component	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Gymnasium, Kitchen								
Explanation : Location Noted								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2	$62,100	
No Component	75%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Dir Expansion	15%			2033	$307,600	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : Auditorium Blower Fitted With Refrigerant Coils In Ductwork								
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2033	$46,500	2	$16,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : 1 Condensing Unit, 30 Tons Approximately.								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$101,200	
No Component	25%							
Exhaust Fans								
Interior	95%			2028	$643,800	2	$4,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Second, Third Floor And Attic Fan Rooms								
Roof	5%			2033	$14,800	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2033	$1,177,500	1		
On Extended Life, Extent : Light, Area Affected : 60%								
Location : Throughout								
Brass/Copper	40%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 420 Mbh Input, 70 Gallons Approximately.								
HW Heat Exchanger								
Steam Fired	1%			2033	$7,400	4	$200	
Abandoned in Place, Extent : Light, Area Affected : 50%								
Location : Basement - Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Basement - Boiler Room								
No Component	99%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$38,500	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Kitchen - Grease Trap								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Submersible	100%			2028	$4,700	4	$4,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Sewage Ejector(s)								
Electric	100%			2028	$80,000	4	$9,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$211,300	1-2	$4,300	
Chemical System								
Generic	100%			2026	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen - Electric Appliances Under Hood.								
Explanation : Abandoned In Place								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 246 - BK**		
Address	: **72 VERONICA PLACE BTWN: SNYDER AVE., ALBEMARLE R**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K246**
Program / Asset #	: **BOE0539.000 / 1316**	**Yr Built/Renovated**	: **1939 / 1999**
Area Sq Ft	: **129,490**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **5110** **Lot** : **25**	**BIN**	: **3117381**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$371,200	$151,500
Interior Architecture	$2,218,800	
Electrical	$386,100	$2,060,100
Mechanical	$562,000	$1,586,300
Site Pavements	$69,300	$203,800
Total	**$3,607,300**	**$4,001,600**
Importance Code A	$371,200	$151,500
Importance Code B	$3,147,400	$3,646,400
Importance Code C	$88,800	$203,800
Total	**$3,607,300**	**$4,001,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,900	$17,600	$23,700	
Interior Architecture	$118,100	$37,600	$9,700	$13,800
Electrical	$41,400	$54,000	$21,600	$23,500
Mechanical	$49,400	$33,100	$43,000	$24,500
Site Enclosure	$10,400			
Site Pavements	$27,100			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$334,100**	**$150,200**	**$105,900**	**$69,700**
Importance Code A	$92,700	$30,700	$36,500	$12,800
Importance Code B	$153,200	$119,500	$69,400	$56,800
Importance Code C	$88,200			
Total	**$334,100**	**$150,200**	**$105,900**	**$69,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%	Now	$249,400	LIFE	* *	5	$151,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Roof Stair Bulkheads								
Masonry: Granite	5%			LIFE	* *	5	$6,500	
Masonry: Limestone	5%	0-2	$67,800	LIFE	* *	5	$6,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Pre-Cast Concrete	2%			LIFE	* *	5	$11,200	
Windows								
Aluminum	98%			2046	* *	5	$47,300	
Wood	2%	Now	$23,300	2055	* *	5	$4,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Parapets								
Masonry: Brick	95%	0-2	$54,000	LIFE	* *	5	$21,300	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Upper Roof								
Masonry: Limestone	5%	Now	$27,800	LIFE	* *	5	$1,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 60%								
Location : Throughout Coping Stones								
Roof								
Built-Up (BUR)	70%	Now	$28,800	2035	* *			1
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Explanation : Soft Spots								
Copper/Terne	5%			2058	* *	10	$8,800	
Modified Bitumen	25%			2035	* *	10	$17,600	
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2029	$342,800	3	$29,100	
Cast in Place Concrete	5%			LIFE	* *	5	$21,200	
Ceramic Tile	5%			2039	* *	5	$9,700	
Marble Panels	3%			LIFE	* *	5	$4,400	
Quarry Tile	5%			2043	* *	5	$14,500	
Terrazzo	5%	0-2	$18,100	LIFE	* *	5	$7,600	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Adjacent Front Doors								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Adjacent Front Doors								
Explanation : Poor Repair Quality								
Vinyl Tile	52%	Now	$55,700	2040	* *	3	$37,800	
Adhesion Failure, Extent : Moderate, Area Affected : 2%								
Location : Custodians Office								
Vinyl Tile 9" X 9"	5%	Now	$34,200	2025	$1,710,300	3	$3,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Wood	10%			2045	* *	5	$36,300	
Interior Walls								
Cast in Place Concrete	7%			LIFE	* *			
Cast in Place Concrete	8%	2-4	$24,000	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement Window Sill								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	2%			2039	* *	5	$4,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,900	
Gypsum Board	3%			LIFE	* *	5	$3,600	
Marble Panels	5%	2-4	$34,900	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Plaster	40%			LIFE	* *	5	$23,700	
SGFT/Glazed Masonry	25%	2-4	$88,800	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : First Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2035	* *	5	$38,800	
AcousTile,Adhered	10%	Now	$187,100	2050	* *	5	$9,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
AcousTileConcealSpLn	15%			2043	* *	5	$36,300	
Exposed Struc: Concrete	20%			LIFE	* *	5	$6,100	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	30%	Now	$176,800	LIFE	* *	5	$36,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Auditorium And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%	Now	$300	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Fence Posts Throughout								
Chain Link	30%			2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Iron Picket	65%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$10,200	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$69,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$23,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Pavers/Stone	10%	Now	$4,100	2033	$203,800			
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Stairs Throughout								
Parking/Driveway								
Asphalt	95%			2039	* *			
Cast in Place Concrete	5%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In New Wing								
Explanation : Three Main Disconnect Switches Rated At 2,500, 800 And 1,200 Amperes								
Fused Disc Sw	20%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In Old Wing								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In Old Wing								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency Lighting								
Switchgear / Switchboard								
Fused Disc Sw	70%			2040	* *	5	$400	
Fused Disc Sw	30%			2030	$78,000	5	$200	
Raceway								
Conduit	70%			2030	$170,600	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$300	
Molded Case Bkrs	30%			2046	* *	5	$1,000	
Molded Case Bkrs	60%			2029	$179,600	5	$2,000	
Wiring								
Thermoplastic	30%			2050	* *	1		
Thermoplastic	70%			2030	$239,300	1		
Motor Controllers								
Locally Mounted	40%			2028	$72,600	5	$300	
Locally Mounted	30%			2035	* *	5	$300	
Motor Control Center	30%			2035	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,000	
Generic	50%			LIFE	* *	5	$1,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$39,800	
Generators								
Diesel	100%			2033	$138,700	1	$50,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kilowatt Capacity								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$28,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 30 Gallon Capacity								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	20%			2025	$386,100	10	$23,800	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout The Building In New Wing								
Explanation : T-8 Lamps								
LED	80%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 80%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	10%			2025	$8,000	1		
Emergency, Battery	40%			2038	* *	10	$12,500	
Recent Installation, Extent : N/A, Area Affected : 80%								
Location : Throughout The Building								
Emergency, Battery	50%			2038	* *	10	$15,600	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Throughout The Building								
Exterior Lighting								
HID	100%			2030	$604,200	10	$400	
Alarm								
Security System								
Generic	50%			2030	$121,500	1	$24,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Generic	50%			2030	$121,500	1	$24,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2030	$334,000	1-3	$82,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Tank In Old Wing Basement Vault And The Other One In New Wing Basement Vault								
Explanation : Two 5,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$128,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Boilers In New Wing Basement And Two In Old Wing Basement								
Explanation : Four Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	25%			2046	* *	4	$1,600	
Central Plant Steam Piping/Pmp	75%	2-4	$54,600	2050	* *	4	$4,800	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Explanation : Broken Steam Pipe Underground								
Terminal Devices								
Air Handler	50%			2035	* *	1	$40,000	
Convector/Radiator	50%			2035	* *	1	$20,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%	Now	$143,300	2030	$477,600	1	$13,500	
Broken, Extent : Severe, Area Affected : 50%								
Location : New Wing Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Basement								
Explanation : Refrigerant - R22								
Exterior Pkg Unit - Cooling	5%			2030	$71,000	2	$400	
Window/Wall Unit	50%			2025	$245,300	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	25%	Now	$4,200	2040	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement, 3 Of 5 Defective Pump Drive Systems, 2 Of 5 Defective Pump Motors								
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2030	$502,500	1	$20,000	
No Component	75%							

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	25%	0-2	$11,900	2025	$118,800	2	$18,000	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Boiler Room In Old Wing								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,200	
Exhaust Fans								
Interior	70%			2030	$402,000	2	$2,800	
Roof	30%			2030	$75,400	2	$1,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement In Old Building And New Building								
Explanation : One 300 Gallon Tank, One 200 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2030	$25,900	4	$2,700	
Sewage Ejector(s)								
No Component	25%							
No Component	75%							
Backflow Preventer								
Generic	100%			2030	$57,800	1	$7,900	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 75%								
Location : In Main Building								
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement To 4th Floor								
Explanation : 1 Traction Elevator								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement To 1st Floor								
Explanation : 1 Hydraulic Elevator								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2050	* *	1-5	$16,300	
Sprinkler								
No Component	85%							
Generic	15%			2050	* *	1-2	$5,400	
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 252 - BK (J. H. S. 252 - BK)**		
Address	: **1084 LENOX ROAD**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K252**
Program / Asset #	: **BOE0544.000 / 1305**	**Yr Built/Renovated**	: **1939 / 2001**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4669** **Lot** : **37**	**BIN**	: **3101840**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$287,200	$197,900
Interior Architecture	$787,100	$61,400
Electrical	$204,200	$1,136,800
Mechanical		$2,964,400
Site Pavements	$137,900	$99,100
Total	**$1,416,500**	**$4,459,700**
Importance Code A	$287,200	$197,900
Importance Code B	$933,100	$4,261,800
Importance Code C	$196,100	
Total	**$1,416,500**	**$4,459,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$57,000		$10,300	
Interior Architecture	$248,100		$12,100	$14,500
Electrical	$21,500	$8,800	$11,000	$9,900
Mechanical	$74,200	$25,900	$26,600	$18,900
Site Enclosure	$18,200			
Site Pavements	$5,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$428,000**	**$38,600**	**$63,900**	**$47,200**
Importance Code A	$66,400	$9,300	$19,600	$9,300
Importance Code B	$256,700	$29,300	$44,300	$37,900
Importance Code C	$104,900			
Total	**$428,000**	**$38,600**	**$63,900**	**$47,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$271,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Base Of Stairwell E And F								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Explanation : Exterior Repointing In Progress								
Masonry: Granite	2%			LIFE	* *	5	$4,600	
Masonry: Limestone	10%			LIFE	* *	5	$23,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Explanation : Exterior Repointing In Progress								
Windows								
Aluminum	25%	Now	$26,800	2049	* *	5	$5,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 1%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Aluminum	73%			2049	* *	5	$32,800	
Metal Louvers	2%			2046	* *	10	$5,600	
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$84,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corners Or Parapet								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Explanation : Exterior Repointing In Progress								
Masonry: Limestone	35%			LIFE	* *	5-10	$88,100	
Metal: Cage/Fence	5%			2046	* *	5-10	$8,000	
Roof								
Modified Bitumen	100%			2043	* *	10	$62,000	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$70,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	4%	Now	$36,300	2042	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Toilets								
Quarry Tile	2%			2038	* *	5	$4,800	
Terrazzo	2%	0-2	$30,100	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	67%	Now	$149,100	2038	* *	3	$40,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$142,200	2043	* *	3	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stair Landings And Backstage								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair Landings And Backstage								
Wood	10%	Now	$192,200	2061	* *	5	$15,100	
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : 3rd And 4th Floor Gymnasiums And Auditorium Stage								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Stage								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$13,300	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Boiler Room								
Ceramic Tile	5%	Now	$9,600	2036	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Glass: Single Pane	5%	Now	$10,600	LIFE	* *	5	$6,500	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Stairs								
Masonry: Brick	10%			LIFE	* *	10	$5,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Repair In Progress								
Plaster	50%			LIFE	* *	5-10	$74,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$196,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Gymnasium And Stairs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Stairs								
Ceilings								
AcousTile,Adhered	15%			2046	* *	5	$24,200	
AcousTileConcealSpLn	10%			2038	* *	5	$20,100	
AcousTileSusp.Lay-In	1%	Now	$5,400	2038	* *	5	$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Office And Storage								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Office And Storage								
Staining/Discoloring, Extent : Light, Area Affected : 90%								
Location : Kitchen Office And Storage								
Exposed Struc: Concrete	10%	Now	$48,300	LIFE	* *	5	$2,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Tank Room								
Metal Panel	3%			LIFE	* *	5	$12,100	
Plaster	61%			LIFE	* *	5-10	$168,900	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Courtyard								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Court Yard								
Explanation : Contractor Staging Area								
Iron Picket	50%	Now	$18,200	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Along East 95th Street								
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Along Lenox Road								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$70,800	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Lenox Road And East 95th Street								
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Masonry: Granite	10%			LIFE	* *			
Recent Repair Evident, Extent : Moderate, Area Affected : 100%								
Location : Entry Stairs								
Activity Yard								
Asphalt	80%	0-2	$67,100	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Rear Court Yard								
Explanation : Contractor Staging Area								
Cast in Place Concrete	10%			2046	* *			
Rubber Matting	10%	Now	$5,000	2033	$99,100			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	80%			2032	$191,600	5	$2,000	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2033	$58,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$82,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$78,900	10	$11,300	
Exit, Service	10%			2028	$4,100	1		
Exit, Service	40%			2041	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$176,500	1	$35,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$57,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$93,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	10%			2059	* *			
Steam Piping/Pump	90%			2033	$677,500			
Terminal Devices								
Air Handler	25%			2028	$442,200	1	$14,500	
Convector/Radiator	50%			2031	$384,300	1	$15,200	
Fan Coil Unit/Heat	3%	Now	$1,400	2028	$69,900	1	$800	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Room 327								
Fan Coil Unit/Heat	22%			2028	$512,700	1	$6,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$12,500	2028	$249,300	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Rooms 127,129,305,315								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,000	
Exhaust Fans								
Interior	100%			2028	$416,900	2	$2,900	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%	Now	$8,300	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement And Kitchen								
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%			2041	* *	4	$1,500	
Submersible	50%	0-2	$900	2024	$1,400	4	$1,000	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Housing Of The Unit, Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement To Fourth Floor								
Explanation : 1 Unit. Mechanical Issue Causes It Down Frequently.								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$130,000	1-2	$2,600	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 20 Square Feet In Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	**: I. S. 254 - BX**		
Address	**: 2452 WASHINGTON AVE. @E. 189 STREET**		
Borough	**: BRONX**	**Agency's Number**	**: X254**
Program / Asset #	**: BOE1006.000 / 4513**	**Yr Built/Renovated**	**: 1999 /**
Area Sq Ft	**: 74,092**	**Project Type**	**: EDUCATION**
Date of Survey	**: 29-Dec-2020**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 3058 Lot : 3**	**BIN**	**: 2103863**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$61,200	$73,600
Interior Architecture		$52,700
Electrical	$345,700	$2,079,400
Mechanical		$312,100
Total	**$406,900**	**$2,517,800**
Importance Code A	$61,200	$304,100
Importance Code B	$345,700	$2,213,700
Total	**$406,900**	**$2,517,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,100			
Interior Architecture	$35,000	$17,000	$3,500	
Electrical	$17,700	$7,200	$8,300	$119,700
Mechanical	$48,000	$16,400	$28,200	$46,800
Site Enclosure	$22,200			
Site Pavements	$49,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$190,300**	**$48,500**	**$48,000**	**$174,400**
Importance Code A	$33,200	$3,700	$3,700	$3,800
Importance Code B	$131,200	$44,800	$41,900	$170,500
Importance Code C	$26,000		$2,400	
Total	**$190,300**	**$48,500**	**$48,000**	**$174,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	98%			LIFE	* *	5	$73,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,900	
Windows								
Aluminum	100%	Now	$10,100	2048	* *	5	$5,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,600	
Roof								
Modified Bitumen	100%			2037	* *	10	$61,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,100	
Ceramic Tile	2%			2041	* *	5	$2,200	
Terrazzo	3%			LIFE	* *	5	$2,600	
Vinyl Tile	85%			2037	* *	3	$35,300	
Wood	5%			2060	* *	5	$10,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Explanation : Water Penetration Due To HVAC Equipment Issue On Roof Above.								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$4,800	
Concrete Masonry Unit	20%			LIFE	* *	5	$7,800	
Gypsum Board	75%			LIFE	* *	5	$43,600	
Ceilings								
AcousTileSusp.Lay-In	95%	4+	$35,000	2045	* *	5	$52,700	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Basement								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Various Locations On Third Floor, Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Third Floor Classrooms								
Explanation : Water Damage Due To HVAC Equipment Issue Located Above Ceiling								
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	95%			2052	* *			
Iron Picket	5%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$22,200	2067	* *			
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Rear Yard, At Base Of Chain Link Fence, Near Ramp								
Explanation : Exposed Metal Post								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	98%			2045	* *			
Pavers/Stone	2%	0-2	$300	2041	* *			
Loose/Delam Surface, Extent : Severe, Area Affected : 2%								
Location : 189th Street At Base Of Trees								
Tripping Hazard, Extent : Light, Area Affected : 2%								
Location : 189th Street, Where Stone Abutts Concrete Flag								
On-Site Walkways								
Asphalt	65%	Now	$1,500	2041	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Walkway Entrance Near Washington Avenue								
Cast in Place Concrete	35%			2045	* *			
Parking/Driveway								
Asphalt	100%	4+	$24,400	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Dumpster Area								
Activity Yard								
Asphalt	100%	Now	$23,200	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$156,100	5	$300	
Molded Case Bkrs	20%			2032	$39,000	5	$400	
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	90%			2031	$161,700	5	$1,800	
Wiring								
Thermoplastic	100%			2032	$199,600	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	$26,800	1	$22,800	
Generators								
Diesel	100%			2028	$138,700	1	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Generator Room								
Explanation : One 175 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$16,500	
Fuel Storage								
Day Tank	50%			2031	$12,800	5		
Main Tank	50%			2035	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	94%			2032	$1,038,200	10	$63,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2027	$17,500	10		
Incandescent	2%			2027	$41,100	2		
LED	2%			2040	* *			
Egress Lighting								
Emergency, Service	55%			2027	$25,100	1		
Exit, Service	45%			2027	$14,400	1		
Exterior Lighting								
HID	100%			2027	$345,700	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$13,900	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside Of The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$13,900	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$57,300	1-3	$13,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Stobe Lights, Horn, Bell, Smoke Detector, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%	0-2	$23,000	2032	$230,500	1	$33,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof. 6 Of The Units Are Out Of Services Due To Defective Heat Exchanger And Temperature Sensor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 22 External Package Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Terminal Devices								
Fan Coil Unit/Heat	10%			2037	* *	1	$2,400	
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2037	* *	2	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 22 External Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Exhaust Fans								
Roof	100%	Now	$7,200	2037	* *	2	$1,800	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof. 4 Units Out Of Service Due To Broken Belt And Burnt Motor And Bearing								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Flooding Is Observed In Basement During Testing Of Sprinkler. This May Be Due To Clogged Trench Drain In The Basement.								
Sump Pump(s)								
Submersible	100%	0-2	$900	2026	$2,300	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$4,400	
Backflow Preventer								
Generic	100%			2037	* *	1	$4,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From 1st To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$37,400	
Sprinkler								
Generic	100%			2052	* *	1-2	$20,800	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 258 - BK**		
Address	: **141 MACON STREET BTWN: MARCY AVE., TOMPKINS AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K258**
Program / Asset #	: **BOE0550.000 / 1308**	**Yr Built/Renovated**	: **1955 / 2009**
Area Sq Ft	: **142,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1845** **Lot** : **1**	**BIN**	: **3053075**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$642,700	$113,100
Interior Architecture	$7,637,300	
Electrical	$587,000	$744,300
Mechanical	$534,400	$1,920,000
Site Pavements	$50,100	
Total	**$9,451,600**	**$2,777,300**
Importance Code A	$642,700	$1,402,200
Importance Code B	$8,724,300	$1,375,100
Importance Code C	$84,600	
Total	**$9,451,600**	**$2,777,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,500			
Interior Architecture	$127,100	$11,900	$11,700	$5,200
Electrical	$92,500	$20,700	$2,800	$2,700
Mechanical	$28,000	$43,000	$33,500	$21,000
Site Pavements	$19,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$274,500**	**$79,600**	**$52,000**	**$32,800**
Importance Code A	$17,600	$14,400	$14,100	$14,100
Importance Code B	$167,000	$65,200	$37,900	$18,700
Importance Code C	$89,900			
Total	**$274,500**	**$79,600**	**$52,000**	**$32,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	96%	Now	$186,200	LIFE	* *	5	$113,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classroom 220, 222 And Bulkhead Stair								
Granite Panels	2%			LIFE	* *	5	$1,800	
Slate Panels	2%			LIFE	* *	5	$1,800	
Windows								
Aluminum	100%	Now	$160,900	2046	* *	5	$33,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Classrooms								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Classrooms And Gymnasium								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,200	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	5%			2043	* *	5-10	$14,300	
Roof								
IRMA/Protected Membrane	8%	Now	$102,200	2035	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Upper Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Over Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Kitchen								
IRMA/Protected Membrane	87%			2035	* *	10	$117,500	
Roll Roofing	4%	Now	$3,500	2029	$35,100	5	$4,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair								
Skylight, Metal/Glass	1%	Now	$75,900	2060	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Above Auditorium								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Above Auditorium								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$2,600	
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Main Entrance								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,800	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Mosaic Tile	3%	Now	$29,300	2043	* *	5	$7,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Terrazzo	2%			LIFE	* *	5	$3,300	
Vinyl Tile	45%			2035	* *	3	$35,100	
Vinyl Tile 9" X 9"	20%	Now	$146,900	2025	$7,343,800	3	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	25%	Now	$62,000	2058	* *	5	$48,800	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium By Drinking Fountain								
Interior Walls								
Ceramic Tile	8%	Now	$16,600	2039	* *	5	$7,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,500	
Granite Panels	2%	Now	$13,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Plaster	50%	Now	$45,800	LIFE	* *	5	$28,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs And Classrooms 202, 222								
SGFT/Glazed Masonry	25%	Now	$84,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridors								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Corridors								
Wood	5%			LIFE	* *	5	$37,700	
Ceilings								
AcousTileSusp.Lay-In	10%			2035	* *	5	$23,900	
Exposed Struc: Concrete	65%			LIFE	* *	5	$24,300	
Metal Panel	10%			LIFE	* *	5	$29,900	
Plaster	15%	Now	$21,800	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bulkhead Stairs								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$50,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%	2-4	$12,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$1,500	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Dumpster								
Activity Yard								
Asphalt	100%	2-4	$5,500	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Services Rated At 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	20%			2050	* *	5	$100	
Fused Knife Sw	80%	0-2	$234,100	2060	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Switchgear Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	10%			2050	* *	1		
Conduit	90%			2030	$259,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$300	
Fused Knife Sw	10%	2-4	$29,900	2055	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	10%	0-2	$29,900	2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Former Metal Shop								
Explanation : On Extended Life								
Molded Case Bkrs	10%			2046	* *	5	$400	
Molded Case Bkrs	60%			2029	$179,600	5	$2,200	
Wiring								
Braided Cloth	70%	2-4	$279,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	75%			2028	$136,100	5	$700	
Locally Mounted	20%	0-2	$21,800	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Locally Mounted	5%	Now	$5,400	2050	* *	5		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Corroded, Extent : Light, Area Affected : 100%								
Location : Water Service Room								
Lighting								
Interior Lighting								
Fluorescent	90%			2040	* *	10	$117,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	5%	Now	$1,700	2035	* *			
Malfunctioning, Extent : Moderate, Area Affected : 7%								
Location : Gymnasium								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$17,100	
Exit, Service	50%			2030	$30,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Wall And Parapet								
Explanation : Wall Mounted And Parapet Mounted Fixtures								
Alarm								
Security System								
No Component	80%							
Generic	20%			2038	* *	1	$10,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Building Exterior								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$73,300	1-3	$17,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$44,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	$1,237,700	1	$140,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2056	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : New Traps, Vacuum Condensate Pump And New Flash Tank								
Terminal Devices								
Air Handler	20%			2025	$534,400	1	$17,600	
Convector/Radiator	80%			2035	* *	1	$36,700	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$430,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2030	$251,900	2	$1,700	
Roof	60%			2035	* *	2	$2,600	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$21,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$28,400	4	$3,000	
Backflow Preventer								
Generic	100%			2035	* *	1	$8,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 3rd Floor								
Explanation : 1 Elevator								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 259 - BK (J. H. S. 259 - BK)**		
Address	: **7305 FT HAMILTON PKWY BTWN: 73 ST, 74 ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K259**
Program / Asset #	: **BOE0551.000 / 1309**	**Yr Built/Renovated**	: **1939 / 2015**
Area Sq Ft	: **166,221**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **5923** **Lot** : **1**	**BIN**	: **3148031**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$388,000	$252,300
Interior Architecture	$711,900	$2,770,300
Electrical	$227,300	$1,213,600
Mechanical	$1,024,900	$2,471,300
Total	**$2,352,100**	**$6,707,500**
Importance Code A	$388,000	$252,300
Importance Code B	$1,883,800	$6,455,200
Importance Code C	$80,300	
Total	**$2,352,100**	**$6,707,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$50,100			
Interior Architecture	$111,200		$6,200	$44,200
Electrical	$14,700	$37,900	$16,500	$16,400
Mechanical	$27,100	$46,000	$48,300	$27,200
Site Enclosure	$2,200			
Site Pavements	$38,800			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$255,900**	**$95,700**	**$82,900**	**$99,600**
Importance Code A	$63,200	$13,500	$13,200	$13,200
Importance Code B	$112,000	$82,200	$69,800	$86,400
Importance Code C	$80,700			
Total	**$255,900**	**$95,700**	**$82,900**	**$99,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$129,400	
Masonry: Marble	3%	Now	$161,100	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 15% *Location : Exterior Stairs*								
Masonry: Marble	7%			LIFE	* *	5	$7,500	
Windows								
Aluminum	99%	Now	$92,400	2046	* *	5	$19,400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 25% *Location : Throughout*								
Metal Louvers	1%			2039	* *	10	$2,400	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$68,600	
Masonry: Brick	20%	Now	$134,500	LIFE	* *	5	$5,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100% *Location : Throughout*								
Water Penetration, Extent : Light, Area Affected : 5% *Location : Bulkhead Parapet Into Room 426*								
Masonry: Brick	50%			LIFE	* *	5	$13,300	
Masonry: Limestone	5%	Now	$32,900	LIFE	* *	5	$1,700	
Recent Repair Evident, Extent : N/A, Area Affected : 65% *Location : Throughout*								
Roof								
IRMA/Protected Membrane	40%	Now	$17,200	2035	* *			
Vegetation Growth, Extent : Light, Area Affected : 5% *Location : Plaza Deck Over Kitchen*								
Modified Bitumen	60%			2040	* *	10	$54,400	
Recent Installation, Extent : N/A, Area Affected : 100% *Location : Main Roof*								
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$16,300	
Ceramic Tile	8%	Now	$112,200	2033	$1,122,200	5	$10,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Quarry Tile	2%			2043	* *	5	$7,500	
Sheet Vinyl/Rubber	2%			2038	* *	5	$7,500	
Terrazzo	5%	0-2	$23,300	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	3%			2038	* *	5	$9,300	
Vinyl Tile	22%	0-2	$30,200	2030	$1,512,000	3	$20,500	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2035	* *	3	$18,700	
Wood	35%	0-2	$519,400	2045	* *	5	$81,600	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *			
Ceramic Tile	2%			2043	* *	5	$4,400	
Ceramic Tile	3%	0-2	$18,200	2039	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	37%			LIFE	* *	5	$48,900	
Masonry: Brick	10%			LIFE	* *			
Plaster	30%	0-2	$80,300	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	10%	Now	$39,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	23%			2043	* *	5	$57,200	
AcousTileSusp.Lay-In	30%			2047	* *	5	$74,600	
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,900	
Metal Panel	2%			LIFE	* *	5	$6,200	
Plaster	35%			LIFE	* *	5	$54,400	
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2040	* *			
Iron Picket	20%			2065	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%	Now	$2,200	2050	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Handball Court								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$18,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	75%	0-2	$20,800	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cast in Place Concrete	10%			2043	* *			
Pavers/Stone	15%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Old Wing								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	70%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room New Wing								
Explanation : One 4,000 Ampere And One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2040	* *	5	$400	
Fused Disc Sw	50%			2050	* *	5	$400	
Raceway								
Conduit	60%			2040	* *	1		
Conduit	40%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$400	
Fused Disc Sw	5%			2052	* *	5	$200	
Molded Case Bkrs	50%			2038	* *	5	$2,200	
Molded Case Bkrs	35%			2052	* *	5	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	60%			2040	* *	1		
Thermoplastic	40%			2056	* *	1		
Motor Controllers								
Locally Mounted	60%			2028	$108,900	5	$700	
Locally Mounted	40%			2043	* *	5	$400	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Water Main								
Generic	50%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$51,100	
Generators								
Diesel	100%	Now	$138,700	2045	* *	1	$57,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Kilowatts. Generator Is Not Working. It Start And Shut Off.								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$6,200	
Fuel Storage								
Main Tank	100%			2065	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	42%			2030	$1,040,700	10	$64,000	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	38%			2035	* *	10	$57,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
LED	20%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium 2								
Explanation : LED Fixtures Installed In 2014.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	30%			2025	$30,700	1		
Emergency, Service	20%			2035	* *	1		
Exit, LED	20%			2058	* *	1		
Exit, Service	30%			2025	$21,500	1		
Exterior Lighting								
HID	10%			2035	* *	10	$100	
HID	10%			2038	* *	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2058	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Tower Area								
Explanation : Small System Installed In The Tower Area Only.								
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$12,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$30,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Hot Water Boiler	40%			2043	* *	1	$32,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Of New Addition								
Explanation : 2 Gas Fired Condensing Hot Water Boilers For Perimeter Heat.								
Steam Boiler	60%			2050	* *	1	$98,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers Under Construction								
Distribution								
Hot Wtr Piping/Pump	40%			2046	* *	4	$3,300	
Steam Piping/Pump	60%			2030	$798,600			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2035	* *	1	$10,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : Equipment Accounted For Under The Air Conditioning Section Of This Report								
Air Handler	20%			2025	$625,600	1	$20,600	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room								
Convector/Radiator	45%			2028	$611,700	1	$24,200	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout Old Wing Of The Building								
Convector/Radiator	25%			2043	* *	1	$13,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2035	* *	1	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Original Building								
Explanation : Used To Provide Air Conditioning To Auditorium								
Ext Pkg Unit - Heating/Cooling	40%			2035	* *	2	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of New Building								
Explanation : 3 Rooftop Units With Gas Supply Line. Refrigerant Type Unidentified								
Split Unit	5%			2035	* *			
Window/Wall Unit	40%			2025	$251,900	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Original Building Only								
No Component	5%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2050	* *	4	$3,300	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2035	* *	1	$10,300	
No Component	90%							
Dehumidifier								
No Component	95%							
Generic	5%			2034	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Dance Studio								
Explanation : Unit Slated To Serve Music Room. Installation Incomplete								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$37,100	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$55,600	
Exhaust Fans								
Interior	20%			2025	$147,400	2	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Old Wing Of The Building								
Roof	40%			2035	* *	2	$2,000	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2060	* *	1		
Galvanized Steel	50%			2028	$1,061,000	1		
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout Old Wing Of The Building								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Of Older Building								
Explanation : One 600 Gallon Tank Serves Both New And Original Buildings								
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout Old Wing Of The Building								
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout Old Wing Of The Building								
Cast Iron	40%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$33,300	4	$3,500	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Addition Basement								
Explanation : One Dual Unit								
Backflow Preventer								
Generic	100%			2035	* *	1	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Of Them Are In New Addition And 2 In The Old Building								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout Original Building								

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DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Freight And 2 Passenger Elevators In New Addition								
Fire Suppression								
Sprinkler								
No Component	55%							
Generic	45%			2050	* *	1-2	$21,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Covers Entire New Addition And Basement Of The Original Building								
Fire Pump								
No Component	55%							
Generic	45%			2043	* *	1	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Addition Basement								
Explanation : Only For New Addition								
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 265 - BK**		
Address	: **101 PARK AVENUE BTWN: NORTH OXFORD ST., N. PORTL**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K265**
Program / Asset #	: **BOE0556.000 / 1276**	**Yr Built/Renovated**	: **1958 / 2000**
Area Sq Ft	: **139,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2028** **Lot** : **1**	**BIN**	: **3057942**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$69,900	$3,550,000
Interior Architecture	$2,036,400	$511,400
Electrical	$643,700	$1,278,600
Mechanical	$935,200	$912,800
Total	**$3,685,100**	**$6,252,800**
Importance Code A	$69,900	$3,601,400
Importance Code B	$3,615,200	$2,651,300
Total	**$3,685,100**	**$6,252,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$129,100	$23,900		
Interior Architecture	$14,300	$40,800	$16,700	
Electrical	$34,000	$36,700	$2,800	$3,100
Mechanical	$21,200	$22,000	$28,500	$22,000
Site Enclosure	$12,700			
Site Pavements	$400			
Total	**$211,800**	**$123,300**	**$48,000**	**$25,100**
Importance Code A	$143,900	$38,900	$14,800	$14,800
Importance Code B	$66,800	$75,300	$33,300	$10,300
Importance Code C	$1,000	$9,100		
Total	**$211,800**	**$123,300**	**$48,000**	**$25,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%			LIFE	* *	5	$55,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Glazed Brick								
Masonry: Sandstone	3%	Now	$25,800	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Base Of Windows								
Metal/Glass Curt Wall	7%			LIFE	* *	5	$9,700	
Metal Panel	5%			2040	* *	5-10	$25,500	
Pre-Cast Concrete	10%	Now	$10,700	LIFE	* *	5	$24,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : East Facade								
Explanation : Efflorescence At Joints								
Windows								
Aluminum	98%	4+	$47,100	2046	* *	5	$24,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Steel	2%	Now	$45,500	2055	* *	5	$6,300	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Stairwells								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Stairwells								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Stairwells								
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5	$3,600	
Metal Panel	5%			2050	* *	5	$900	
Metal Rail	10%			2043	* *	5-10	$8,800	
Metal: Cage/Fence	10%			2035	* *	5-10	$3,800	
Roof								
IRMA/Protected Membrane	95%	4+	$69,900	2030	$3,494,500			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Metal Panel	5%			2035	* *	10	$14,300	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$7,400	

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DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$73,200	
Ceramic Tile	5%			2039	* *	5	$11,200	
Quarry Tile	2%			2043	* *	5	$6,700	
Sheet Vinyl/Rubber	3%	Now	$8,800	2030	$438,100	5	$5,000	
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Terrazzo	5%			LIFE	* *	5	$8,700	
Vinyl Tile	60%			2035	* *	3	$50,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Stairwells And Corridors								
Vinyl Tile 9" X 9"	5%			2025	$1,969,800	3	$4,200	
Wood	5%	Now	$66,600	2058	* *	5	$10,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : B1 Dance Studio								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : B1 Dance Studio								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : B1 Dance Studio								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$10,400	
Glazed Ceramic Panel	2%			LIFE	* *			
Operable Wall	2%			2040	* *	5	$18,200	
Plaster	56%			LIFE	* *	5	$43,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$10,100	
AcousTileConcealSpLn	20%			2035	* *	5	$50,500	
Exposed Struc: Concrete	60%			LIFE	* *	5	$18,900	
Plaster	15%			LIFE	* *	5	$18,900	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%	Now	$600	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : South Side Entrance								
Iron Picket	90%			2050	* *			
Retaining Walls								
Masonry: Fieldstone	100%	Now	$12,100	2040	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Planters At Front Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North And West Walkways								
Pavers/Stone	5%	Now		2033	$1,500			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Steps At South Entrance								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,000 Ampere Main Service Switches								
Switchgear / Switchboard								
Fused Disc Sw	20%			2050	* *	5	$100	
Molded Case Bkrs	80%			2030	$234,100	5	$2,900	
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	5%			2046	* *	5	$200	
Molded Case Bkrs	90%	Now	$5,400	2029	$269,400	5	$1,600	
Mech. Misoperation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Window Air Conditioners Trip Circuit Breakers								
Wiring								
Braided Cloth	90%	2-4	$359,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	10%	4+	$10,900	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	90%			2028	$163,300	5	$800	
Ground								

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DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Pipe Clamp And Bus Bar Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2040	* *	10	$123,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	10%	Now	$82,600	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : LED Lights Not Working								
Egress Lighting								
Emergency, Battery	50%	Now	$6,300	2030	$125,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Cafeteria And Gymnasium								
Explanation : Emergency Lighting Not Working								
Exit, Service	50%			2025	$32,200	1		
Exterior Lighting								
HID	20%			2025	$129,700	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$52,200	1	$10,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$71,700	2040	* *	1-3	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room And Hallways								
Explanation : Obsolete Control Panel Located In The Boiler Room, Pull Station And Alarm Bells Are In The Hallways.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$147,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$119,400	2040	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Thermostatic Traps In Various Classrooms								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : Underfloor Condensate Piping Reported To Leak Which Is Causing Backups.								
Terminal Devices								
Air Handler	30%			2030	$841,900	1	$27,700	
Convector/Radiator	70%			2035	* *	1	$33,700	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	2%			2030	$70,800			
Window/Wall Unit	80%			2025	$452,000	1		
No Component	18%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$41,600	
No Component	50%							
Exhaust Fans								
Interior	20%			2025	$132,300	2	$900	
Roof	80%			2025	$231,500	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Occasional Backups In Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$3,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 265 - BK
Asset # : 1276

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 271 - BK**		
Address	: **1137 HERKIMER STREET BTWN: SARATOGA AVE, ROOSEVELT PL**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K271**
Program / Asset #	: **BOE0560.000 / 1278**	**Yr Built/Renovated**	: **1963 / 2011**
Area Sq Ft	: **188,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1550** **Lot** : **1**	**BIN**	: **3042157**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$168,000	$1,468,600
Interior Architecture	$8,154,700	$954,000
Electrical	$1,043,600	$1,166,700
Mechanical	$1,311,000	$498,500
Total	**$10,677,300**	**$4,087,800**
Importance Code A	$168,000	$1,520,000
Importance Code B	$10,322,300	$2,105,100
Importance Code C	$187,100	$462,800
Total	**$10,677,300**	**$4,087,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$13,200		$37,800
Interior Architecture	$139,000	$18,200	$25,400	$5,400
Electrical	$24,600	$53,300	$7,300	$5,600
Mechanical	$111,600	$13,700	$25,900	$9,300
Site Pavements	$22,200			
Total	**$297,400**	**$98,400**	**$58,600**	**$58,200**
Importance Code A		$13,600		$37,800
Importance Code B	$226,300	$84,800	$58,600	$20,400
Importance Code C	$71,100			
Total	**$297,400**	**$98,400**	**$58,600**	**$58,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$20,000	
Masonry: Brick	90%			LIFE	* *	5	$76,900	
Masonry: Granite	2%			LIFE	* *	5	$1,300	
Masonry: Limestone	1%			LIFE	* *	5	$600	
Metal Panel	2%			2040	* *	5-10	$11,700	
Windows								
Aluminum	100%			2052	* *	5	$75,700	
Parapets								
Metal Rail	100%			2035	* *	5-10	$167,400	
Roof								
Built-Up (BUR)	98%	Now	$66,300	2030	$1,326,000			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Locker Room								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Explanation : Soft Spots Around Drains								
Metal Panel	2%			2043	* *	10	$4,300	
Soffits								
Metal Panel	100%			2050	* *	5-10	$36,800	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$24,700	LIFE	* *	5	$31,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$49,100	2033	$491,200	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terrazzo	3%	Now	$16,300	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	70%			2035	* *	3	$76,200	
Vinyl Tile 9" X 9"	15%	Now	$153,800	2025	$7,688,200	3	$16,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	4%			2045	* *	5	$21,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%	Now	$92,600	2033	$462,800	5	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	5%	Now	$19,800	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Folding Partition	1%	Now	$29,100	2038	* *	5	$2,600	
Unit Inoperable, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium								
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$34,700	
SGFT/Glazed Masonry	25%	Now	$94,500	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Expansion Joint At Entrance Lobby								
Explanation : Loose Units, Panels With Separation								
Ceilings								
AcousTile,Adhered	30%	Now	$56,100	2043	* *	5	$43,600	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Hall At Exit 9								
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Hall At Exit 9								
AcousTileSusp.Lay-In	5%			2035	* *	5	$14,500	
Exposed Struc: Concrete	8%	4+	$69,600	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	37%			LIFE	* *	5	$16,800	
Exposed Struc: Steel	2%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$18,200	
Plaster	13%			LIFE	* *	5	$23,600	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : A D A Ramp On Saratoga Avenue								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	0-2	$20,500	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Pavers/Stone	5%	Now	$1,700	2039	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Entry Stairs								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Services Rated At 2,000 And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$325,100	5	$800	
Raceway								
Conduit	90%			2030	$303,400	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2029	$67,900	5	$900	
Molded Case Bkrs	10%			2046	* *	5	$500	
Molded Case Bkrs	70%			2029	$237,500	5	$3,500	
Wiring								
Braided Cloth	90%	2-4	$404,300	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Water Main.								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$155,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Installed In 2010.								
Fluorescent	2%	Now	$11,200	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Office, Room 323								
Explanation : Fixtures Are In Satisfactory Condition; However, The Sensor Switches Do Not Operate.								
Fluorescent	1%	Now	$5,600	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Utility Closets								
Explanation : Very Low Lighting Level.								
LED	7%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Auditorium								
Explanation : Fixtures Installed In 2015.								
Egress Lighting								
Exit, Service	50%			2025	$40,500	1		
Exit, Battery	50%			2025	$133,200	10	$6,300	
Exterior Lighting								
HID	40%	2-4	$350,900	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Old Lighting Fixtures Which Are Frequently Malfunctioning.								
No Component	60%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$14,000	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2035	* *	1-3	$46,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	98%			2040	* *	4	$13,600	
Under Construction	2%							
Terminal Devices								
Air Handler	20%			2025	$707,600	1	$23,300	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Room								
Convector/Radiator	5%	0-2	$46,100	2050	* *	1	$2,700	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout, Defective Climate Control System								
Convector/Radiator	75%			2035	* *	1	$45,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	10%	0-2	$42,700	2030	$71,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Multiple Mechanical And Or Electrical Defects								
Window/Wall Unit	60%			2028	$427,300	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,800	
Exhaust Fans								
Interior	20%			2025	$166,800	2	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Rooms								
Roof	15%	0-2	$54,700	2040	* *	2	$700	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Roof, Defective Exhaust Fans								
Roof	65%			2025	$237,100	2	$3,700	
On Extended Life, Extent : Light, Area Affected : 65%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$144,900	2060	* *	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : Throughout Toilet Rooms, Defective Toilet And Urinal Angle Stops								
Brass/Copper	90%			2040	* *	1		
Water Heater With Tanks								
Under Construction	100%							
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$27,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$37,600	4	$4,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$13,200	
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 275 - BK**		
Address	: **985 ROCKAWAY AVENUE BTWN: HEGEMAN AVE., LINDEN BLV**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K275**
Program / Asset #	: **BOE0564.000 / 1283**	**Yr Built/Renovated**	: **1963 / 2013**
Area Sq Ft	: **159,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3636** **Lot** : **7**	**BIN**	: **3082940**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$73,800
Interior Architecture	$20,714,600	$1,883,400
Electrical	$153,300	$1,981,500
Mechanical	$974,900	$4,905,500
Site Pavements		$788,900
Total	**$21,842,800**	**$9,633,200**
Importance Code A	$73,600	$1,596,300
Importance Code B	$21,678,600	$7,192,000
Importance Code C	$90,600	$844,800
Total	**$21,842,800**	**$9,633,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,700	$17,400	$10,200	
Interior Architecture	$98,400	$49,400		$22,100
Electrical	$16,500	$39,700	$17,800	$14,800
Mechanical	$97,300	$85,500	$37,900	$23,800
Site Pavements	$15,300			
Total	**$256,200**	**$192,100**	**$65,900**	**$60,800**
Importance Code A	$28,700	$34,500	$26,900	$16,700
Importance Code B	$208,200	$145,300	$39,000	$44,100
Importance Code C	$19,300	$12,300		
Total	**$256,200**	**$192,100**	**$65,900**	**$60,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$73,800	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Bulkhead								
Metal Panel	5%			2050	* *	5-10	$26,700	
Windows								
Aluminum	100%			2046	* *	5	$20,400	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$15,300	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Roof								
Copper/Terne	3%			2045	* *	10	$10,100	
Modified Bitumen	97%	Now	$28,700	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Soffits								
Stucco Cement	100%			2043	* *	5	$300	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$82,900	
Ceramic Tile	5%	Now	$35,600	2039	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Patching Evident, Extent : Light, Area Affected : 30%								
Location : Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile	25%			2030	$1,744,700	3	$31,600	
Vinyl Tile 9" X 9"	45%	0-2	$401,300	2025	$20,063,500	3	$42,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout, Stair Landings, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%	Now	$15,100	2058	* *	5	$11,800	
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$19,300	2043	* *	5	$8,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$14,100	
Gypsum Board	5%			LIFE	* *	5	$10,500	
Operable Wall	2%			2040	* *	5	$24,600	
Plaster	53%	Now	$90,600	LIFE	* *	5	$55,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Auditorium								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	2-4	$159,100	2035	* *	5	$12,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
AcousTile,Adhered	30%			2035	* *	5	$74,200	
Exposed Struc: Concrete	55%			LIFE	* *	5	$21,200	
Metal Panel	5%	2-4	$20,500	LIFE	* *	5	$15,500	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2040	* *			
Iron Picket	80%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$15,300	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	50%			2043	* *			
Pavers/Stone	50%			2033	$788,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings. Estimated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$263,300	5	$600	
Molded Case Bkrs	10%			2050	* *	5	$400	
Raceway								
Conduit	60%			2030	$173,300	1		
Conduit	40%			2050	* *	1		
Panelboards								
Fused Disc Sw	40%			2029	$119,700	5	$1,500	
Fused Disc Sw	10%			2038	* *	5	$400	
Molded Case Bkrs	45%			2029	$134,700	5	$1,900	
Molded Case Bkrs	5%			2038	* *	5	$200	
Wiring								
Braided Cloth	60%			2029	$239,700	1		
Thermoplastic	40%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$1,100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$151,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2035	* *	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement and Auditorium								
LED	1%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Service	5%			2035	* *	1		
Emergency, Battery	45%			2035	* *	10	$18,300	
Exit, Battery	50%			2035	* *	10	$5,700	
Exterior Lighting								
HID	70%			2030	$519,300	10	$300	
LED	30%			2035	* *			
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2030	$149,200	1	$29,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Camera System								
Generic	50%			2030	$149,200	1	$29,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$98,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$392,500	5	$52,300	
Conversion Equipment								
Steam Boiler	100%	2-4	$73,600	2028	$1,471,100	1	$150,400	
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Brick Refractory At Boilers.								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2030	$1,351,600			
Terminal Devices								
Air Handler	25%			2030	$794,000	1	$26,100	
Convector/Radiator	75%			2035	* *	1	$40,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	2%			2030	$80,200			
Window/Wall Unit	70%			2025	$447,600	1		
No Component	28%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$37,600	
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2025	$224,600	2	$1,600	
Roof	70%	Now	$4,600	2025	$229,200	2	$2,900	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$43,400	2040	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main In Basement								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Installation In Progress In Basement.								
HW Heat Exchanger								
Steam Fired	100%			2030	$816,100	4	$16,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%	Now	$42,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Sewage Water Backs Up In Basement When It Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$33,800	4	$5,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$1,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 278 - BK**		
Address	: **1925 STUART STREET @FILLMORE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K278**
Program / Asset #	: **BOE0567.000 / 1285**	**Yr Built/Renovated**	: **1957 / 2011**
Area Sq Ft	: **143,901**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **8496** **Lot** : **100**	**BIN**	: **3239889**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$337,300	$80,800
Interior Architecture	$5,950,400	$3,475,400
Electrical	$1,086,600	$724,800
Mechanical	$2,459,800	$1,184,700
Total	**$9,834,200**	**$5,465,700**
Importance Code A	$1,089,900	$80,800
Importance Code B	$8,558,800	$5,246,600
Importance Code C	$185,500	$138,300
Total	**$9,834,200**	**$5,465,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,700		$38,600	
Interior Architecture	$39,100	$14,800	$52,100	
Electrical	$34,100	$3,700	$51,800	$2,900
Mechanical	$55,000	$20,500	$74,000	$32,000
Site Pavements	$2,800			
Total	**$144,600**	**$39,000**	**$216,600**	**$34,900**
Importance Code A	$14,600	$14,300	$53,000	$14,300
Importance Code B	$116,900	$24,800	$149,100	$20,700
Importance Code C	$13,100		$14,500	
Total	**$144,600**	**$39,000**	**$216,600**	**$34,900**

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DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$24,600	
Masonry: Brick	82%	Now	$133,000	LIFE	* *	5	$80,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Chimney Stack On Main Roof								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Chimney Stack On Main Roof								
Masonry: Granite	5%			LIFE	* *	5	$3,700	
Metal Panel	5%			2051	* *	5-10	$33,900	
Window Wall	3%			2051	* *	5	$11,100	
Windows								
Aluminum	98%	4+	$59,400	2047	* *	5	$31,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Miscellaneous Window Hardware In Classrooms								
Glass Block	2%			LIFE	* *	5	$800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$19,300	
Masonry: Brick	85%			LIFE	* *	5	$21,200	
Metal Rail	5%			2044	* *	5-10	$22,500	
Roof								
Copper/Terne	5%			2059	* *	10	$19,100	
Modified Bitumen	95%			2036	* *	10	$144,900	
Soffits								
Metal Panel	5%			2051	* *	5-10	$6,400	
Stucco Cement	95%			2036	* *	5	$44,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$47,100	
Ceramic Tile	5%	4+	$12,100	2040	* *	5	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$8,400	
Vinyl Tile	55%			2031	$3,272,500	3	$44,400	
Vinyl Tile 9" X 9"	15%			2026	$5,702,100	3	$12,100	
Wood	10%			2046	* *	5	$40,400	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$20,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$16,500	
Masonry: Brick	3%			LIFE	* *			
Operable Wall	2%			2051	* *	5	$28,900	
Plaster	45%			LIFE	* *	5	$55,700	
SGFT/Glazed Masonry	25%	Now	$185,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Columns In Cafeteria								
Wood	5%			LIFE	* *	5	$82,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$20,700	
AcousTileConcealSpLn	25%	Now	$16,600	2036	* *	5	$32,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	3%			2036	* *	5	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Tectum Tiles								
Exposed Struc: Concrete	12%			LIFE	* *	5	$3,900	
Plaster	50%	Now	$62,800	LIFE	* *	5	$64,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Stair 4/5 By Window								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2041	* *			
Iron Picket	10%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	75%			2034	* *			
Cast in Place Concrete	20%			2036	* *			
Masonry: Granite	5%	0-2	$2,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Steps At Entry								
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	45%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 800 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2051	* *	5	$100	
Photovoltaic Panel(s)	45%	Now	$1,000	2046	* *	1		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	10%			2051	* *	5	$100	
Fused Knife Sw	90%	2-4	$263,300	2061	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Fused Knife Sw	25%	2-4	$74,800	2056	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room And Boiler Room								
Fused Toggle Switch	10%	2-4	$29,900	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Area, Kitchen And Cafeteria								
Molded Case Bkrs	10%			2047	* *	5	$400	
Molded Case Bkrs	45%			2030	$134,700	5	$1,700	
Wiring								
Braided Cloth	90%	2-4	$359,600	2056	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2036	* *	10	$13,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium, Hallway And Boiler Room								
Fluorescent	86%			2036	* *	10	$113,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$120,800	10	$17,400	
Exit, Service	50%			2026	$31,000	1		
Exterior Lighting								
HID	20%	Now	$67,100	2031	$134,300			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$10,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$74,200	1-3	$17,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$334,600	5	$44,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank 20,000 Gallons								

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DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$752,600	2051	* *	1	$128,300	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Brickwork Needed In All Three Boilers								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Boiler 3 Is Not Working In Boiler Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 3 Boilers In Basement								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	30%			2026	$812,400	1	$26,700	
Convector/Radiator	70%	Now	$41,200	2036	* *	1	$29,300	
Controller Not Working, Extent : Severe, Area Affected : 20%								
Location : Thermostats And Pneumatic Controls Not Working Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%			2031	$78,900	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : One Rooftop Unit Serves Auditorium								
Split Unit	15%			2036	* *			
Window/Wall Unit	80%			2026	$436,100	1		
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$9,400	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,200	
Exhaust Fans								
Interior	50%			2026	$319,100	2	$2,200	
Roof	50%			2026	$139,600	2	$2,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$695,800	4	$14,200	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$10,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2031	$28,800	4	$3,000	
Sewage Ejector(s)								
Electric	100%			2031	$75,300	4	$5,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 281 - BK (J. H. S. 281 - BK)**		
Address	: **8787 24 AVENUE BTWN: BATH AVE, CROPSEY AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K281**
Program / Asset #	: **BOE0569.000 / 1287**	**Yr Built/Renovated**	: **1966 / 2002**
Area Sq Ft	: **153,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **6891** **Lot** : **1**	**BIN**	: **3186626**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$432,500	$1,421,700
Interior Architecture	$320,600	$236,400
Electrical	$1,317,500	$987,100
Mechanical	$1,221,900	$5,709,200
Site Pavements	$62,100	
Total	**$3,354,600**	**$8,354,500**
Importance Code A	$699,200	$2,806,700
Importance Code B	$2,370,800	$5,547,800
Importance Code C	$284,500	
Total	**$3,354,600**	**$8,354,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$31,200		$8,900
Interior Architecture	$47,100	$36,400		$22,200
Electrical	$53,200	$107,500	$5,500	$5,100
Mechanical	$23,400	$82,900	$33,300	$22,200
Site Enclosure	$20,700			
Site Pavements	$15,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$163,500**	**$261,900**	**$42,800**	**$62,300**
Importance Code A		$46,700	$15,200	$24,000
Importance Code B	$99,200	$215,300	$27,700	$38,300
Importance Code C	$64,300			
Total	**$163,500**	**$261,900**	**$42,800**	**$62,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	2-4	$291,000	LIFE	* *	5	$176,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$7,800	
Metal Panel	8%			2040	* *	5-10	$114,400	
Granite Panels	2%			LIFE	* *	5	$3,100	
Windows								
Aluminum	100%			2038	* *	5	$59,600	
Parapets								
Metal: Cage/Fence	100%			2035	* *	5-10	$145,900	
Roof								
Built-Up (BUR)	90%			2030	$1,014,200	10	$86,900	
Built-Up (BUR)	5%	Now	$56,300	2040	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : All Pitch Pockets								
Metal Panel	5%			2047	* *	10	$8,900	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,800	
Ceramic Tile	3%			2039	* *	5	$7,100	
Terrazzo	2%			LIFE	* *	5	$3,700	
Vinyl Tile	75%	0-2	$98,100	2035	* *	3	$66,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%			2058	* *	5	$44,400	
Interior Walls								
Concrete Masonry Unit	10%	Now	$43,600	LIFE	* *	5	$9,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Folding Partition	5%	4+	$160,500	2046	* *	5	$14,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	55%	Now	$62,000	LIFE	* *	5	$38,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	28%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	23%			2035	* *	5	$68,100	
AcousTileSusp.Lay-In	2%			2035	* *	5	$4,700	
Exposed Struc: Concrete	55%			LIFE	* *	5	$20,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	$184,600			
Plaster	10%			LIFE	* *	5	$14,800	
Site Enclosure								
Fence/Gates								
Chain Link	40%	Now	$12,500	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Iron Picket	60%	Now	$8,200	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$15,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$62,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,000 Ampere Main Disconnect Switches.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$234,100	5	$500	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$400	
Fused Toggle Switch	1%	2-4	$3,000	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room In Basement								
Molded Case Bkrs	69%			2029	$206,600	5	$2,800	
Molded Case Bkrs	20%			2046	* *	5	$800	
Wiring								
Braided Cloth	90%	2-4	$359,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	60%			2028	$108,900	5	$600	
Locally Mounted	40%	2-4	$43,500	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$126,300	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Lighting Fixtures Installed In 2016.								
Egress Lighting								
Emergency, Service	40%			2025	$37,700	1		
Emergency, Battery	10%			2025	$25,700	10	$3,700	
Exit, Service	50%			2025	$33,000	1		
Exterior Lighting								
HID	100%			2025	$713,900	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$86,200	1	$17,100	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$157,900	1-3	$37,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$355,800	5	$47,400	
Conversion Equipment								
Steam Boiler	100%	Now	$266,700	2028	$1,333,600	1	$136,400	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Three Boilers In The Basement								
Distribution								
Steam Piping/Pump	100%			2030	$1,225,200			
Terminal Devices								
Air Handler	20%			2030	$575,800	1	$18,900	
Convector/Radiator	80%			2035	* *	1	$39,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%			2030	$83,900	2	$500	
Split Unit	5%			2030	$181,700			
Window/Wall Unit	80%			2025	$463,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,300	
Exhaust Fans								
Interior	30%			2025	$203,600	2	$1,400	
Roof	70%			2025	$207,800	2	$3,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$1,953,200	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Two Storage Tanks At 175 Gallons Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$30,600	4	$4,800	
Sewage Ejector(s)								
Electric	100%			2025	$80,100	4	$9,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$2,100	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 285 - BK (J. H. S. 285 - BK)**
Address : **5905 BEVERLY ROAD BTWN: EAST 59 ST., RALPH AVE.**
Borough : **BROOKLYN**
Agency's Number : **K285**
Program / Asset # : **BOE0572.000 / 2538**
Yr Built/Renovated : **1954 / 2009**
Area Sq Ft : **120,000**
Project Type : **EDUCATION**
Date of Survey : **19-Mar-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4744** **Lot** : **1** **BIN** : **3104599**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$474,800	$1,205,400
Interior Architecture	$14,357,700	
Electrical	$1,111,600	$680,700
Mechanical	$135,700	
Site Enclosure	$53,200	
Site Pavements		$839,400
Total	**$16,133,000**	**$2,725,500**
Importance Code A	$474,800	$1,231,100
Importance Code B	$15,605,000	$1,494,500
Importance Code C	$53,200	
Total	**$16,133,000**	**$2,725,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$10,600	$25,000	
Interior Architecture	$79,000	$12,400	$5,300	$14,000
Electrical	$8,400	$9,500	$11,700	$8,100
Mechanical	$60,800	$18,500	$26,900	$20,300
Site Pavements	$20,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$176,500**	**$58,900**	**$76,900**	**$50,200**
Importance Code A	$11,900	$22,600	$37,000	$11,900
Importance Code B	$122,100	$36,200	$34,500	$38,300
Importance Code C	$42,500		$5,300	
Total	**$176,500**	**$58,900**	**$76,900**	**$50,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	$315,700	LIFE	* *	5	$181,200	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Along East 59 Street								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Along East 59 Street								
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Windows								
Aluminum	10%	Now	$159,100	2046	* *	5	$2,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Girls Locker Room								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Aluminum	90%			2046	* *	5	$50,100	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$16,700	
Masonry: Limestone	10%			LIFE	* *	5	$2,600	
Metal Rail	10%			2043	* *	5-10	$37,700	
Roof								
Built-Up (BUR)	95%			2030	$943,300	10	$80,800	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2045	* *	10	$10,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,900	
Ceramic Tile	5%	Now	$22,500	2039	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Staff Toilets								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets								
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	20%	Now	$17,600	2035	* *	3	$12,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Corridors Throughout								
Vinyl Tile 9" X 9"	50%	Now	$281,500	2025	$14,076,200	3	$29,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Classrooms And Basement Corridors								
Wood	10%			2058	* *	5	$29,900	
Interior Walls								
Concrete Masonry Unit	10%	Now	$16,100	LIFE	* *	5	$3,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room								
Folding Partition	5%			2046	* *	5	$10,700	
Plaster	55%	Now	$22,900	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$24,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Auditorium And Gymnasium								
Exposed Struc: Concrete	55%			LIFE	* *	5	$8,500	
Plaster	20%			LIFE	* *	5	$12,400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Locker Rooms								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	45%			2050	* *			
Iron Picket	50%	Now	$53,200	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Masonry: Brick	5%			2040	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$3,600	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Access Stair								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%	0-2	$16,800	2033	$839,400			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 800 Amperes Each								
Fused Disc Sw	50%			2056	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 400 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	70%	0-2	$182,100	2060	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service A And Service B								
Molded Case Bkrs	30%			2056	* *	5	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2056	* *	1		
Panelboards								
Molded Case Bkrs	80%			2046	* *	5	$2,500	
Molded Case Bkrs	20%			2029	$47,900	5	$600	
Wiring								
Braided Cloth	90%	2-4	$307,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$105,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2030	$28,400	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : High Pressure Sodium Fixtures								
LED	2%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Battery	50%			2030	$100,700	10	$14,500	
Exit, Service	50%			2030	$25,900	1		
Exterior Lighting								
HID	100%			2025	$559,900	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Air Terminals And Downleads Installed On Chimney								
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Intrusion Alarm System And CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	20%			2025	$61,900	1-3	$14,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells Only								
Generic, Digital	80%			2038	* *	1-3	$59,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Entire Boiler Room Has Been Renovated Recently								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$118,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$67,500	2040	* *	4	$5,900	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Vacuum Pump Leaking								
Terminal Devices								
Air Handler	25%			2035	* *	1	$18,600	
Convector/Radiator	75%			2035	* *	1	$29,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%	Now	$13,200	2035	* *	2	$600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Controls Not Working								
Window/Wall Unit	15%			2025	$68,200	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2035	* *	2	$3,300	
Roof	10%			2030	$23,300	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2050	* *	1		
Galvanized Steel	70%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Approximately 600 Gallon Storage								
Sanitary Piping								
Cast Iron	100%	Now	$30,200	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : 1st Floor Girls Restroom Leaks To Basement Elevator Room.								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Explanation : Drain Backup								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$4,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,700	
Chemical System								
No Component	98%							
Generic	2%			2028	$7,300	1-3	$6,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 291 - BK**
Address : **231 PALMETTO STREET @WILSON AVE.**
Borough : **BROOKLYN**
Agency's Number : **K291**
Program / Asset # : **BOE0578.000 / 1265**
Yr Built/Renovated : **1975 / 2012**
Area Sq Ft : **206,000**
Project Type : **EDUCATION**
Date of Survey : **01-Mar-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3343** **Lot** : **1** **BIN** : **3076460**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,657,900	$242,300
Interior Architecture	$663,800	$6,468,900
Electrical	$3,029,900	$3,524,800
Mechanical	$226,500	$661,400
Site Pavements	$74,700	
Total	**$5,652,900**	**$10,897,400**
Importance Code A	$1,767,300	$345,100
Importance Code B	$3,885,500	$10,552,300
Total	**$5,652,900**	**$10,897,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,900	$9,500		$9,900
Interior Architecture	$75,100	$7,900		$29,000
Electrical	$20,100	$22,500	$28,800	$45,900
Mechanical	$83,900	$65,800	$59,300	$106,500
Site Enclosure	$14,400			
Site Pavements	$29,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$232,700**	**$109,600**	**$92,000**	**$195,200**
Importance Code A	$5,900	$19,600	$10,200	$20,500
Importance Code B	$209,800	$82,000	$81,800	$174,700
Importance Code C	$17,000	$7,900		
Total	**$232,700**	**$109,600**	**$92,000**	**$195,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	$56,200	LIFE	* *	5	$34,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Bulkhead								
Metal Panel	2%			2042	* *	5-10	$11,700	
Pre-Cast Concrete	58%	Now	$71,800	LIFE	* *	5	$161,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Columns Throughout								
Windows								
Aluminum	98%	0-2	$176,700	2048	* *	5	$37,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Louvers	2%			2035	* *	10	$9,500	
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$81,300	
Masonry: Brick	10%	Now	$5,900	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Metal Security Bars	5%			2047	* *			
Roof								
Built-Up (BUR)	100%	Now	$1,353,000	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 60%								
Location : Rooms: 329, 327, 301, Library, Stairwell B And Throughout								
Soffits								
Stucco Cement	100%			2037	* *	5	$13,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$31,800	
Ceramic Tile	5%	Now	$81,900	2035	* *	5	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Quarry Tile	5%	Now	$21,400	2037	* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Kitchen								
Vinyl Tile	80%	Now	$128,400	2032	$6,418,100	3	$87,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Auditorium And Throughout								
Wood	5%	Now	$173,200	2047	* *	5	$13,600	
Dry Rot/Decay, Extent : Severe, Area Affected : 30%								
Location : Exercise Room Adjacent To Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%	Now	$11,600	2035	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	30%			LIFE	* *	5	$25,200	
Folding Partition	3%			2040	* *	5	$15,800	
Masonry: Brick	3%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$25,200	
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	2%			LIFE	* *	5	$16,800	
Ceilings								
AcousTile,Adhered	20%	Now	$37,400	2037	* *	5	$29,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 327								
AcousTileConcealSpLn	10%	0-2	$280,400	2052	* *	5	$18,200	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Library, Corridors And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exercise Room Adjacent To Gymnasium								
AcousTileSusp.Lay-In	5%	0-2	$4,800	2037	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Concrete	45%			LIFE	* *	5	$20,400	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 301, 307 And Others Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	1%			2032	$45,300			
Metal Panel	14%			LIFE	* *	5	$50,800	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	35%	4+	$4,000	2067	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Wilson Avenue And Palmetto Street								
Metal Panel	5%			LIFE	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$10,500	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Fence Curb And Stair Cheek Walls								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$27,900	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Wilson Avenue								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$1,500	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Steps								
Panel/Paver: Bluestone	5%			LIFE	* *	5	$100	
Activity Yard								
Asphalt	100%	Now	$74,700	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Activity Yard								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Schoolyard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$102,800	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere, One 3,000 Ampere, One 1,200 Ampere And One 2,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$650,200	5	$900	
Raceway								
Conduit	95%			2032	$640,600	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$63,900	5	$500	
Molded Case Bkrs	80%			2031	$510,900	5	$4,300	
Molded Case Bkrs	10%			2048	* *	5	$500	
Wiring								
Thermoplastic	90%			2032	$808,600	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	60%			2045	* *	5	$800	
Motor Control Center	30%			2030	$436,200	5	$1,700	
Variable Frequency Drive	10%			2045	* *			
Ground								

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DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	$26,800	1	$63,400	
Generators								
Natural Gas	100%			2028	$138,700	1	$79,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One 115 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$7,600	
Lighting								
Interior Lighting								
Fluorescent	90%			2027	$2,763,700	10	$170,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$172,900	10	$24,900	
Emergency, Battery	50%			2037	* *	10	$24,900	
Exterior Lighting								
HID	10%			2027	$96,100	10	$100	
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$23,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Interior And Exterior								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$38,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2058	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%	Now	$109,400	2045	* *	1	$91,700	
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Basement. Gas Leak Detection System								
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Basement. Boiler Control Panel For Boiler No.2								
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Basement. Boiler Control Panel For Boiler No.2								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2048	* *	4	$15,200	
Terminal Devices								
Air Handler	70%			2037	* *	1	$89,200	
Convector/Radiator	30%	Now	$10,100	2045	* *	1	$18,000	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : 1st, 2nd, 3rd Floors Stairwell C, Kitchen, Mens And Womens Staff Room								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	70%			2037	* *	1	$66,900	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers On Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Window/Wall Unit	15%			2027	$117,100	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	70%	Now	$9,900	2058	* *	4	$7,100	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Basement. Air Separator								
Malfunctioning, Extent : Moderate, Area Affected : 33%								
Location : Basement. 1 Of 3 Pumps Is Malfunctioned.								
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	70%			2037	* *	1	$89,200	
Other Observation, Extent : N/A, Area Affected : 70%								
Location : Roof								
Explanation : 8 Units								
No Component	30%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	70%			2037	* *	2	$100,400	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$114,900	
Exhaust Fans								
Interior	20%	Now	$9,100	2032	$182,700	2	$1,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Boiler Room								
Explanation : Gas Meter Room Exhaust Fan Control Panel Operating Continuously On Manual Operation.								
Roof	5%	Now	$10,000	2032	$20,000	2	$300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Roof	75%			2032	$299,800	2	$4,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$41,200	4	$6,500	
Sewage Ejector(s)								
Electric	100%	Now	$5,400	2032	$107,900	4	$8,200	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Basement Sprinkler Room. 1 Of 2 Sewage Ejector Pumps.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit.								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$103,900	
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : N/A, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers.*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 292 - BK**		
Address	: **300 WYONA STREET @BELMONT AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K292**
Program / Asset #	: **BOE0579.000 / 1266**	**Yr Built/Renovated**	: **1967 / 2012**
Area Sq Ft	: **163,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **3740** **Lot** : **1**	**BIN**	: **3083931**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$110,000	$1,474,200
Interior Architecture	$552,800	$6,665,800
Electrical	$941,600	$770,600
Mechanical	$655,500	$4,149,200
Site Pavements		$414,200
Total	**$2,259,800**	**$13,474,000**
Importance Code A	$110,000	$3,033,800
Importance Code B	$1,987,900	$10,440,200
Importance Code C	$161,900	
Total	**$2,259,800**	**$13,474,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,800		$22,200	
Interior Architecture	$82,000			$25,900
Electrical	$2,100	$1,700	$103,100	$3,500
Mechanical	$71,600	$24,700	$70,000	$29,900
Site Pavements	$5,000			
Total	**$163,600**	**$26,300**	**$195,300**	**$59,300**
Importance Code A	$32,900	$17,100	$39,700	$17,100
Importance Code B	$113,900	$9,200	$155,600	$42,200
Importance Code C	$16,700			
Total	**$163,600**	**$26,300**	**$195,300**	**$59,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	35%			LIFE	* *	5	$156,700	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$53,700	
Metal Panel	5%			2041	* *	5-10	$30,800	
Windows								
Aluminum	98%	Now	$52,100	2047	* *	5	$10,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Louvers	2%			2034	* *	10	$2,800	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$34,100	
Masonry: Brick	25%			LIFE	* *	5	$3,300	
Metal Panel	10%			2051	* *	5	$5,100	
Metal Rail	40%			2036	* *	5-10	$95,400	
Roof								
Built-Up (BUR)	90%			2031	$1,164,100	10	$99,700	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	10%			2036	* *	10	$11,100	
Soffits								
Stucco Cement	100%			2036	* *	5	$300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,300	
Ceramic Tile	3%			2034	* *	5	$7,800	
Sheet Vinyl/Rubber	7%	0-2	$118,600	2031	$1,186,100	5	$13,600	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Vinyl Tile	75%	0-2	$107,300	2031	$5,365,700	3	$72,800	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$114,300	2041	* *	3	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	5%			2059	* *	5	$24,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	4%			2034	* *	5	$14,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$14,400	
Folding Partition	1%			2039	* *	5	$9,000	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$48,600	
SGFT/Glazed Masonry	25%	Now	$161,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$16,300	2036	* *	5	$12,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	40%			2036	* *	5	$101,400	
Exposed Struc: Concrete	5%	Now	$38,000	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Along Top Of Roof Beam In Gymnasium								
Metal Panel	5%			LIFE	* *	5	$15,800	
Plaster	40%			LIFE	* *	5	$63,400	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	85%	Now	$5,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Southwest Entry Area								
Masonry: Granite	15%			LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Steps At Southwest Entrance								
Activity Yard								
Cast in Place Concrete	70%			2036	* *			
Rubber Matting	30%			2031	$414,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere And 3,000 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	90%			2031	$263,300	5	$600	
Fused Disc Sw	10%			2051	* *	5	$100	
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	7%			2030	$23,800	5	$300	
Fused Disc Sw	3%			2053	* *	5	$100	
Molded Case Bkrs	90%			2047	* *	5	$3,900	
Wiring								
Braided Cloth	80%	2-4	$319,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	80%			2036	* *	10	$127,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$41,000	10	$100	
HID	2%			2026	$41,000	10	$100	
Incandescent	4%			2026	$191,700	2	$200	
LED	12%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$145,200	10	$20,900	
Exit, Service	50%			2026	$37,300	1		
Exterior Lighting								
HID	10%			2026	$76,100	10	$100	
LED	20%			2036	* *			
No Component	70%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2036	* *	1	$6,100	
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%			2026	$42,000	1-3	$10,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$53,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks Of 15,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$30,200	2029	$1,508,100	1	$154,200	
Not Insulated, Extent : Severe, Area Affected : 10%								
Location : All The Boilers In The Mechanial Room In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$27,700	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump In Boiler Room In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2031	$651,200	1	$21,400	
Convector/Radiator	80%			2029	$1,131,900	1	$44,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	30%			2036	* *			
Window/Wall Unit	50%	Now	$6,600	2026	$327,700	1		
Broken, Extent : Moderate, Area Affected : 30%								
Location : Various Classrooms								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,500	
Exhaust Fans								
Interior	100%	Now	$76,700	2031	$767,400	2	$4,200	
Broken, Extent : Severe, Area Affected : 10%								
Location : Auditorium Fan								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%	Now	$251,000	2061	* *	4	$17,100	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Coil Connection, Valves, Piping And Appurtenances In The Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Both Tanks Have Collapsed Liners								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$34,600	4	$3,700	
Sewage Ejector(s)								
Electric	100%			2031	$90,600	4	$6,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$4,800	
Chemical System								
No Component	95%							
Generic	5%			2026	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 296 - BK (J. H. S. 296 - BK)**		
Address	: **125 COVERT STREET @CENTRAL AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K296**
Program / Asset #	: **BOE0581.000 / 1268**	**Yr Built/Renovated**	: **1961 / 2008**
Area Sq Ft	: **157,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3416** **Lot** : **1**	**BIN**	: **3079027**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$126,400	$76,700
Interior Architecture	$10,652,200	$113,400
Electrical	$682,900	$1,119,200
Mechanical	$951,500	$8,595,000
Site Pavements	$66,500	$57,500
Total	**$12,479,400**	**$9,962,000**
Importance Code A	$271,700	$1,580,700
Importance Code B	$11,888,800	$8,381,200
Importance Code C	$319,000	
Total	**$12,479,400**	**$9,962,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,300			$16,700
Interior Architecture	$63,900	$15,600		$7,200
Electrical	$1,800	$4,900	$6,200	$35,000
Mechanical	$29,900	$23,200	$33,200	$84,100
Site Enclosure	$15,200			
Site Pavements	$11,500			
Total	**$148,500**	**$43,700**	**$39,500**	**$143,000**
Importance Code A	$26,300	$16,500	$16,500	$33,500
Importance Code B	$95,600	$27,200	$23,000	$109,400
Importance Code C	$26,600			
Total	**$148,500**	**$43,700**	**$39,500**	**$143,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	0-2	$126,400	LIFE	* *	5	$76,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Eldert Street And Covert Street								
Windows								
Aluminum	98%			2048	* *	5	$19,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Exterior Security Screen Frames								
Metal Louvers	2%			2041	* *	10	$2,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,000	
Roof								
Copper/Terne	5%			2047	* *	10	$16,700	
Modified Bitumen	90%	Now	$26,300	2037	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 1%								
Location : Stair Bulkhead								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Internal Roof Areas								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Exit 3 Canopy								
Skylight, Metal/Glass	5%			2042	* *	10	$22,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$700	
Interior								
Floors								
Cast in Place Concrete	11%			LIFE	* *	5	$60,000	
Ceramic Tile	5%	0-2	$14,100	2041	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	6%	4+	$70,000	LIFE	* *	5	$11,700	
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : First Floor Stair Nose								
Traffic Topping	5%	0-2	$11,900	2037	* *	5	$7,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Vinyl Tile	50%			2040	* *	3	$46,800	
Vinyl Tile 9" X 9"	23%			2027	$10,125,700	3	$28,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	Now	$11,500	2035	* *	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Abandoned Locker								
Concrete Masonry Unit	25%	Now	$163,100	LIFE	* *	5	$34,700	
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : 2nd Floor Mechanical Room And Basement Abandon Locker								
Masonry: Brick	5%			LIFE	* *			
Plaster	37%			LIFE	* *	5	$38,500	
SGFT/Glazed Masonry	25%	Now	$155,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Basement Abandon Locker								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Basement Abandon Locker								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Exit 3								
Ceilings								
AcousTileConcealSpLn	35%	Now	$137,500	2037	* *	5	$53,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Hallways								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5	$19,100	
Metal Panel	2%			LIFE	* *	5	$6,100	
Plaster	13%	Now	$19,300	LIFE	* *	5	$19,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Exit 3								
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$15,200	2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	85%	Now	$66,500	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Traffic Topping	15%	Now	$11,500	2032	$57,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Track And Baseball Diamond								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,600 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$292,600	5	$4,100	
Raceway								
Conduit	95%			2032	$274,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$400	
Molded Case Bkrs	10%			2048	* *	5	$400	
Molded Case Bkrs	80%			2031	$239,500	5	$3,300	
Wiring								
Braided Cloth	75%	2-4	$299,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2052	* *	1		
Thermoplastic	20%			2032	$79,900	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$149,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	10%			2037	* *	10	$4,000	
Emergency, Battery	40%			2027	$111,900	10	$16,100	
Exit, Service	10%			2027	$7,200	1		
Exit, Service	40%			2037	* *	1		
Exterior Lighting								
LED	30%			2037	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$17,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$121,500	2042	* *	1-3	$26,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$387,500	5	$51,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$145,300	2030	$1,452,600	1	$148,500	
Broken, Extent : Severe, Area Affected : 30%								
Location : Basement, One Unit Is Out Of Operation								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Central Plant Steam Piping/Pmp	100%	2-4	$93,700	2032	$4,686,300	4	$8,200	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Minimum Two Low Water Cut Off Is Code Requiremnt, Existing Boilers Have One Low Water Cut Off .								
Terminal Devices								
Air Handler	20%			2032	$627,200	1	$20,600	
Convector/Radiator	80%			2030	$1,090,200	1	$43,100	
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$10,100	2027	$505,100	1		
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
No Component	20%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	70%	Now	$102,500	LIFE	* *	2-5	$65,100	
Broken, Extent : Severe, Area Affected : 10%								
Location : Room 116, Coil Fail								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : Louver Fails								
No Component	30%							
Exhaust Fans								
Interior	30%			2032	$221,700	2	$1,500	
Roof	40%			2032	$129,300	2	$2,000	
No Component	30%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%	2-4	$300	2032	$17,100	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$105,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Storm Drain Piping								
Cast Iron	100%	Now	$11,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Backs Up In Locker Room During Rain								
Sump Pump(s)								
Non-Submersible	100%			2027	$33,400	4	$3,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 302 - BK**		
Address	: **350 LINWOOD STREET BTWN: ATLANTIC AVE., LIBERTY AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K302**
Program / Asset #	: **BOE0585.000 / 1272**	**Yr Built/Renovated**	: **1970 / 2010**
Area Sq Ft	: **171,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3969** **Lot** : **1**	**BIN**	: **3088357**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$662,300	$125,100
Interior Architecture	$26,956,100	$264,000
Electrical	$399,400	$1,534,200
Mechanical	$631,900	$3,553,700
Total	**$28,649,600**	**$5,477,000**
Importance Code A	$662,300	$1,615,500
Importance Code B	$27,567,500	$3,861,400
Importance Code C	$419,900	
Total	**$28,649,600**	**$5,477,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$14,500		
Interior Architecture	$32,900	$53,600	$6,200	
Electrical	$9,400	$29,600	$10,000	$7,700
Mechanical	$121,700	$67,800	$37,800	$24,200
Site Pavements	$34,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$202,400**	**$169,500**	**$58,000**	**$35,800**
Importance Code A	$29,800	$31,800	$16,900	$16,900
Importance Code B	$169,200	$137,700	$41,000	$18,900
Importance Code C	$3,300			
Total	**$202,400**	**$169,500**	**$58,000**	**$35,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%	Now	$206,000	LIFE	* *	5	$125,100	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair B At 4th Floor								
Metal Panel	5%			2050	* *	5-10	$49,400	
Pre-Cast Concrete	8%			LIFE	* *	5	$37,400	
Windows								
Aluminum	98%	4+	$365,700	2046	* *	5	$19,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Metal Louvers	2%			2039	* *	10	$4,900	
Parapets								
Masonry: Brick	83%			LIFE	* *	5	$22,000	
Metal Panel	2%			2050	* *	5	$2,100	
Metal: Cage/Fence	13%			2043	* *	5-10	$26,700	
Pre-Cast Concrete	2%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	100%			2035	* *	10	$90,600	
Gravel/Slag Surface, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2035	* *	5		
Interior								
Floors								
Cast in Place Concrete	7%	4+	$29,600	LIFE	* *	5	$38,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	Now	$70,100	2039	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Terrazzo	3%			LIFE	* *	5	$5,800	
Vinyl Tile	20%			2035	* *	3	$18,700	
Vinyl Tile 9" X 9"	60%			2025	$26,346,000	3	$56,000	
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	5%			2045	* *	5	$23,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$6,600	
Concrete Masonry Unit	14%			LIFE	* *	5	$12,300	
Metal Panel	10%			LIFE	* *			
Operable Wall	6%	Now	$307,400	2040	* *	5	$23,100	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Plaster	42%	0-2	$112,400	LIFE	* *	5	$27,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%	2-4	$120,100	2035	* *	5	$18,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vandalism, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	15%			2035	* *	5	$46,600	
Exposed Struc: Concrete	15%			LIFE	* *	5	$5,800	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	$194,000			
Plaster	45%			LIFE	* *	5	$70,000	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$34,400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Linwood Street By Entry								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	40%			2033				
Cast in Place Concrete	60%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	30%			2039	* *			
Cast in Place Concrete	20%			2043	* *			
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Athletic Field								
Explanation : This Is Actually Artificial Grass Surface								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2040	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere And Three 1,600 Ampere Main Disconnect Switches. The Building Roof Is Provided With Solar Panel System.								
Fused Disc Sw	20%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$260,100	5	$600	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	90%			2030	$303,400	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$33,900	5	$400	
Molded Case Bkrs	70%			2029	$237,500	5	$3,200	
Molded Case Bkrs	20%			2046	* *	5	$900	
Wiring								
Thermoplastic	90%			2030	$404,300	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$147,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	6%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	30%			2025	$86,100	10	$12,400	
Emergency, Battery	20%			2025	$57,400	10	$8,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	80%			2035	* *	10	$400	
HID	20%			2025	$159,600	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$96,300	1	$19,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance System Is Scheduled To Be Upgraded Within The Next Few Months.								
Fire/Smoke Detection								
No Component	40%							
Generic, Digital	60%			2035	* *	1-3	$63,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$397,600	5	$53,000	
Conversion Equipment								
Steam Boiler	100%	Now	$29,800	2028	$1,490,500	1	$152,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Leaks								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$27,400	2040	* *			
Broken, Extent : Severe, Area Affected : 20%								
Location : Boiler Room Condensate Return Pumps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%	Now	$80,400	2030	$804,500	1	$23,800	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Rooms								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : 2 Of 8 Units In Mechanical Room								
Convector/Radiator	75%	0-2	$21,000	2035	* *	1	$37,300	
Damaged, Extent : Severe, Area Affected : 5%								
Location : Radiators In Stairwell								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Stream Traps Faulty Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	10%			2030	$406,100			
Window/Wall Unit	80%			2025	$518,200	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,400	
Exhaust Fans								
Interior	60%			2030	$455,000	2	$3,100	
Roof	10%			2025	$33,200	2	$500	
Roof	30%			2035	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$25,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$34,200	2040	* *	4	$3,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit And One Abandoned Frieght Elevator In Basement								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 318 - BK**		
Address	: **101 WALTON STREET @ THROOP AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K318**
Program / Asset #	: **BOE0596.000 / 1251**	**Yr Built/Renovated**	: **1968 / 2011**
Area Sq Ft	: **151,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2246** **Lot** : **1**	**BIN**	: **3061328**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,069,700	$110,700
Interior Architecture	$7,205,500	$21,281,700
Electrical	$319,600	$1,341,800
Mechanical	$985,100	$7,377,600
Site Enclosure	$53,800	
Site Pavements	$57,200	
Total	**$9,691,000**	**$30,111,800**
Importance Code A	$1,139,600	$1,554,100
Importance Code B	$8,190,700	$28,499,700
Importance Code C	$360,700	$58,100
Total	**$9,691,000**	**$30,111,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,800		$11,800	
Interior Architecture	$128,200		$44,000	$22,500
Electrical	$41,800	$14,100	$17,700	$15,800
Mechanical	$112,500	$62,000	$51,300	$47,300
Site Pavements	$7,900			
Total	**$370,200**	**$76,100**	**$124,800**	**$85,500**
Importance Code A	$79,800	$15,900	$27,600	$15,900
Importance Code B	$222,300	$60,200	$97,200	$69,700
Importance Code C	$68,200			
Total	**$370,200**	**$76,100**	**$124,800**	**$85,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$36,900	
Masonry: Brick	58%			LIFE	* *	5	$85,600	
Masonry: Marble	2%			LIFE	* *	5	$2,200	
Metal Panel	30%			2053	* *	5-10	$152,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Window Wall	5%			2053	* *	5	$13,800	
Windows								
Aluminum	100%	Now	$922,700	2058	* *	5	$9,700	1
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glazing Clouded, Extent : Light, Area Affected : 75%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$88,900	
Masonry: Limestone	10%			LIFE	* *	5-10	$18,600	
Metal Security Bars	5%			2061	* *			
Roof								
Built-Up (BUR)	95%	Now	$71,100	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Stage								
Metal Panel	5%			2046	* *	10	$11,800	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$1,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$102,000	LIFE	* *	5	$52,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$33,800	2042	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	5%			2038	* *	5	$18,000	
Terrazzo	5%			LIFE	* *	5	$18,700	
Vinyl Tile	25%	Now	$165,700	2038	* *	3	$22,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridors								
Vinyl Tile 9" X 9"	50%	0-2	$6,351,400	2028	$21,171,200	3	$45,000	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Classrooms Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$27,500	2042	* *	5	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%	Now	$62,700	LIFE	* *	5	$13,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement								
Glazed Ceramic Panel	2%			LIFE	* *	10	$6,000	
Plaster	58%	Now	$94,200	LIFE	* *	5	$58,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Custodian Locker Room								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$150,000	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Corridor								
Wood	2%			LIFE	* *	5	$53,400	

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DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$151,100	2038	* *	5	$11,700	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor And Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor And Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement Corridor And Throughout								
AcousTileConcealSpLn	30%			2046	* *	5	$88,000	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$146,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	8%			LIFE	* *	5-10	$32,300	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Library								
Wood	2%	Now	$4,300	LIFE	* *	5	$41,100	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Explanation : Panel Ceiling.								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$53,800	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Walton Street								
Explanation : Sinking Foundation								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$57,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 2%								
Location : East Side								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$7,900	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : South Side Walkway								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Pavers/Stone	100%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Courtyard								
Explanation : Location Specified								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$46,300	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch.								
Fused Disc Sw	10%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Emergency Lighting Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2043	* *	5	$600	
Fused Disc Sw	10%			2033	$29,300	5	$100	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Fused Disc Sw	5%			2041	* *	5	$200	
Molded Case Bkrs	10%			2041	* *	5	$400	
Molded Case Bkrs	75%			2032	$224,500	5	$3,000	
Wiring								
Braided Cloth	80%	0-2	$319,600	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout Building.								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$117,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building.								
LED	20%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Egress Lighting								
Emergency, Battery	50%			2028	$134,500	10	$19,300	
Exit, Service	50%			2041	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building.								
Exterior Lighting								
Fluorescent	1%	Now	$6,000	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Atrium								
Fluorescent	1%			2028	$6,000	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fluorescent Lights								
LED	8%			2028	$64,700			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Roof								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$283,500	1	$56,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Explanation : CCTV, Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$93,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$49,700	

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DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$69,900	2031	$1,397,100	1	$142,900	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boiler 1 Has Oil Leak And Boiler 2 Has A Broken Damper								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,700	2043	* *			
Insul. Deteriorating, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Fan Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Fan Room								
Terminal Devices								
Air Handler	20%			2033	$603,300	1	$19,800	
Convector/Radiator	80%			2038	* *	1	$41,400	
Controls								
Pneumatic	100%	Now	$875,500	2031	$2,918,300			
Leaking, Extent : Severe, Area Affected : 40%								
Location : Tubing For Thermostats Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$190,300			
Window/Wall Unit	80%			2031	$485,800	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$141,500	
Exhaust Fans								
Interior	30%	Now	$10,700	2033	$213,300	2	$1,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Unit H-32 In Fan Room Is Not Operational								
Roof	70%			2033	$217,700	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2043	* *	1		
Galvanized Steel	50%			2031	$1,023,100	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$15,900	
Sanitary Piping								
Cast Iron	100%	Now	$40,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Girls Locker Room Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$600	2033	$32,100	4	$3,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Sump Pump In Boiler Room Area								
Sewage Ejector(s)								
Electric	100%			2033	$83,900	4	$9,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$1,400	
Chemical System								
Generic	100%			2031	$244,800	1-3	$223,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 20 Feet Long, 60 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 320 - BK**		
Address	: **46 MCKEEVER PLACE BTWN: MONTGOMERY ST., SULLIVAN A**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K320**
Program / Asset #	: **BOE0598.000 / 1252**	**Yr Built/Renovated**	: **1968 / 2008**
Area Sq Ft	: **158,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1301** **Lot** : **1**	**BIN**	: **3034356**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$557,000	$282,000
Interior Architecture	$27,573,400	$1,527,300
Electrical	$349,300	$1,223,800
Mechanical	$1,229,400	$1,773,300
Site Pavements	$92,000	$173,800
Total	**$29,801,100**	**$4,980,200**
Importance Code A	$557,000	$333,300
Importance Code B	$28,661,900	$4,591,000
Importance Code C	$582,300	$55,900
Total	**$29,801,100**	**$4,980,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$43,700	$10,800	
Interior Architecture	$23,300	$31,000		$6,300
Electrical	$3,200	$61,700	$5,000	$5,300
Mechanical	$64,900	$9,900	$27,500	$9,900
Site Enclosure	$10,700			
Site Pavements	$25,800			
Total	**$127,900**	**$146,300**	**$43,400**	**$21,400**
Importance Code A		$44,100	$10,800	
Importance Code B	$95,200	$90,000	$32,600	$21,400
Importance Code C	$32,700	$12,200		
Total	**$127,900**	**$146,300**	**$43,400**	**$21,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%	Now	$129,800	LIFE	* *	5	$108,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	Now	$107,200	LIFE	* *	5	$65,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Wall Base At Sidewalk On Franklin Avenue								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Room 208								
Windows								
Aluminum	100%			2046	* *	5	$21,600	
Hardware Missing, Extent : Light, Area Affected : 80%								
Location : Throughout								
Parapets								
Cast in Place Concrete	82%	Now	$94,300	LIFE	* *	5	$108,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Upper Roof								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,900	
Metal Panel	3%			2050	* *	5	$1,500	
Metal Rail	5%			2043	* *	5-10	$11,600	
Roof								
Built-Up (BUR)	60%	Now	$225,700	2035	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Lower Roofs								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 202, 204, 210, 219, 214								
IRMA/Protected Membrane	40%			2035	* *	10	$43,000	
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : Upper Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$700	
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$27,500	
Mosaic Tile	5%	2-4	$58,900	2035	* *	5	$15,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$9,800	
Vinyl Tile	20%	Now	$69,300	2030	$1,387,000	3	$18,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%			2025	$26,583,100	3	$56,500	
Wood	5%			2058	* *	5	$23,500	
Interior Walls								
Cast in Place Concrete	5%	Now	$132,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gas Meter Room - Basement								
Ceramic Tile	4%	2-4	$15,400	2039	* *	5	$7,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Toilet Rooms								
Concrete Masonry Unit	40%	0-2	$262,600	LIFE	* *	5	$55,900	
Diagonal Cracks, Extent : Severe, Area Affected : 3%								
Location : Electrical Room - Basement								
Masonry: Brick	5%			LIFE	* *			
Operable Wall	2%			2050	* *	5	$24,400	
Plaster	44%	Now	$186,900	LIFE	* *	5	$46,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 3%								
Location : Room 214								

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DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$7,900	2043	* *	5	$6,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileConcealSpLn	25%	Now	$197,700	2043	* *	5	$38,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Basement And First Floor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	12%			LIFE	* *	5	$4,600	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	55%	Now	$82,200	LIFE	* *	5	$84,400	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 2%								
Location : Steam Leak In Room 214								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%	Now	$200	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Fence Posts Throughout								
Chain Link	5%			2050	* *			
Iron Picket	90%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$10,500	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$92,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$17,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	10%			2039	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	80%	2-4	$8,700	2033	$173,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Mckeever Place								
Ponding, Extent : Moderate, Area Affected : 2%								
Location : Mckeever Place								
Cast in Place Concrete	10%			2035	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Activity Yard								
Rubber Matting	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$36,000	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,000 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2030	$15,400	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$700	
Raceway								
Conduit	95%			2030	$274,400	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$400	
Molded Case Bkrs	60%			2029	$179,600	5	$2,500	
Molded Case Bkrs	30%			2046	* *	5	$1,200	
Wiring								
Thermoplastic	70%			2030	$279,700	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$146,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout								
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 5%								
Location : Throughout								
LED	5%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2025	$140,800	10	$20,200	
Exit, Service	50%			2025	$36,200	1		
Exterior Lighting								
HID	20%			2025	$147,400	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Timer								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2045	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Chimney Stack								
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$17,700	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$61,100	2035	* *	1-3	$26,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : False Alarms								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2060	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Three New Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	20%			2025	$631,200	1	$20,700	
Convector/Radiator	80%			2028	$1,097,200	1	$43,300	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	10%	Now	$1,300	2024	$63,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations - An Assortment Of Mechanical Defects								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$93,500	
Exhaust Fans								
Interior	50%	Now	$37,200	2025	$371,900	2	$2,100	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : House Exhaust - Fan Room, Basement								
Roof	50%	Now	$16,300	2025	$162,700	2	$2,100	
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : Roof - An Assortment Of Mechanical Defects								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$428,200	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : 1 Unit, Gas Unit Under Construction								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2030	$87,800	4	$6,700	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$4,700	
Fire Pump								
Generic	100%			2033	$160,100	1	$31,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 339 (OLD 147) - BX**		
Address	: **1600 WEBSTER AVENUE @CLAY AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X147**
Program / Asset #	: **BOE0284.000 / 382**	**Yr Built/Renovated**	: **1974 / 2012**
Area Sq Ft	: **166,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2897** **Lot** : **5**	**BIN**	: **2009400**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$126,500
Interior Architecture	$1,680,100	$108,800
Electrical	$83,600	$1,726,700
Mechanical	$471,000	$3,691,700
Site Enclosure	$290,100	
Site Pavements	$194,300	
Total	**$2,719,200**	**$5,653,800**
Importance Code A		$177,900
Importance Code B	$1,836,100	$5,475,900
Importance Code C	$883,000	
Total	**$2,719,200**	**$5,653,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,600		$91,500	$19,600
Interior Architecture	$15,600		$61,400	$21,800
Electrical	$6,600	$6,700	$24,500	$5,700
Mechanical	$85,800	$41,900	$96,300	$43,600
Site Enclosure	$4,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$130,500**	**$52,500**	**$277,600**	**$94,600**
Importance Code A	$31,000	$16,400	$108,300	$36,000
Importance Code B	$95,500	$36,100	$169,400	$58,600
Importance Code C	$4,000			
Total	**$130,500**	**$52,500**	**$277,600**	**$94,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 339 (OLD 147) - BX

Asset # : 382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	88%			LIFE	* *	5	$126,500	
Masonry: Limestone	10%			LIFE	* *	5	$10,800	
Metal Panel	2%			2051	* *	5-10	$19,800	
Windows								
Aluminum	100%			2047	* *	5	$39,100	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$22,600	
Masonry: Limestone	10%			LIFE	* *	5	$3,300	
Metal Rail	5%			2044	* *	5-10	$24,000	
Roof								
Built-Up (BUR)	50%			2036	* *	10	$45,300	
Copper/Terne	5%			2059	* *	10	$11,300	
Modified Bitumen	45%			2036	* *	10	$40,800	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$108,800	
Quarry Tile	5%			2044	* *	5	$18,700	
Vinyl Tile	50%	Now	$687,300	2036	* *	3	$46,600	
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Corridors								
Patching Evident, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	20%			2036	* *	3	$24,900	
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Wood	5%			2046	* *	5	$23,300	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$13,200	
Gypsum Board	2%			LIFE	* *	5	$2,600	
Metal: Cage/Fence	1%			LIFE	* *			
Operable Wall	5%	Now	$512,400	2061	* *	5	$19,300	
Unit Inoperable, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Marble Panels	2%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$23,100	
SGFT/Glazed Masonry	40%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 339 (OLD 147) - BX

Asset # : 382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%			2036	* *	5	$99,500	
AcousTile,Adhered	20%	Now	$480,400	2051	* *	5	$24,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Library								
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Vandalism, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Library								
Exposed Struc: Concrete	40%			LIFE	* *	5	$15,500	
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$290,100	2061	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Iron Picket	20%	4+	$4,000	2051	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Perimeter Of School								
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$80,500	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Activity Yard								
Asphalt	100%	4+	$113,800	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, Area Affected : 5%								
Location : Near Handball Wall								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 339 (OLD 147) - BX

Asset # : 382

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	95%			2031	$278,000	5	$700	
Fused Disc Sw	5%			2051	* *	5		
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$27,100	5	$300	
Fused Disc Sw	2%			2047	* *	5	$100	
Molded Case Bkrs	85%			2030	$288,400	5	$3,700	
Molded Case Bkrs	5%			2047	* *	5	$200	
Wiring								
Thermoplastic	95%			2031	$379,600	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$600	
Locally Mounted	20%			2044	* *	5	$200	
Motor Control Center	30%			2029	$218,100	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2039	* *	10	$143,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2039	* *	10	$3,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	30%			2026	$83,600	10	$12,000	
Emergency, Battery	20%			2039	* *	10	$8,000	
Exit, Service	10%			2026	$7,200	1		
Exit, Service	40%			2039	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 339 (OLD 147) - BX

Asset # : 382

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$18,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement And Exit Doors								
Explanation : CCTV Surveillance Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$31,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2051	* *	5	$51,400	
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$164,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	30%	0-2	$93,700	2031	$937,200	1	$27,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Fan Room. Two Blowers Out Of Service Due To Defective Contactor								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Explanation : Auditorium Return Fan Malfunctioning								
Convector/Radiator	70%			2036	* *	1	$37,500	
Air Conditioning								
Energy Source								
Electricity	100%			2053	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 339 (OLD 147) - BX

Asset # : 382

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2031	$489,800	1	$15,400	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Penthouse								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Explanation : 2 Units								
Split Unit	10%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Various								
Explanation : 4 Units								
Window/Wall Unit	60%			2026	$377,300	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2041	* *	4	$4,900	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2031	$869,700	1	$30,800	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2031	$205,700	2	$34,700	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,600	
Exhaust Fans								
Interior	20%			2031	$147,200	2	$1,000	
Roof	80%	0-2	$25,800	2031	$257,700	2	$3,300	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Explanation : 7 Out Of 40 Bathroom Exhaust Fans Out Of Service								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2029	$635,800	1		
Water Heater With Tanks								
Electric	30%			2029	$7,100	4		
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Basement								
Explanation : 1 Unit								
Oil Fired	70%			2030	$61,800	1		
Other Observation, Extent : N/A, Area Affected : 65%								
Location : Basement								
Explanation : 2 Units								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 339 (OLD 147) - BX

Asset # : 382

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$29,300	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Explanation : Roof Drain Leaking To Auditorium								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$5,300	
Sewage Ejector(s)								
Electric	100%			2031	$86,900	4	$6,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$83,700	
Sprinkler								
No Component	65%							
Generic	35%			2041	* *	1-2	$16,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 35 - BK (J.H.S. 35 AND P.S. 141 - BK)**		
Address	: **272 MACDONOUGH STREET @ LEWIS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K035**
Program / Asset #	: **BOE0368.000 / 347**	**Yr Built/Renovated**	: **1926 / 1998**
Area Sq Ft	: **130,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2020**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 2,3,4**		
Block	: **1674** **Lot** : **11**	**BIN**	: **3047054**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$149,900
Interior Architecture	$188,700	$4,085,600
Electrical	$115,700	$2,018,600
Mechanical	$805,600	$3,537,400
Site Pavements	$82,900	
Total	**$1,192,800**	**$9,791,500**
Importance Code A		$200,500
Importance Code B	$1,192,800	$9,590,900
Total	**$1,192,800**	**$9,791,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$22,500
Interior Architecture	$21,600	$20,800	$35,400	$2,400
Electrical	$15,000	$13,500	$64,700	$14,900
Mechanical	$66,500	$18,300	$29,200	$20,000
Site Enclosure	$28,100			
Site Pavements	$17,900			
Total	**$149,100**	**$52,600**	**$129,300**	**$59,900**
Importance Code A	$12,900	$12,900	$13,200	$35,400
Importance Code B	$97,000	$34,800	$116,200	$24,500
Importance Code C	$39,200	$4,900		
Total	**$149,100**	**$52,600**	**$129,300**	**$59,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 35 - BK (J.H.S. 35 AND P.S. 141 - BK)
Asset # : 347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$22,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$72,200	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	5	$4,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Bulkhead								
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Decorative Elements Above Entrances								
Slate Panels	5%			LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$45,100	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$1,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout 1926 Section								
Masonry: Brick	65%			LIFE	* *	5	$3,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Rail	5%			2048	* *	5-10	$4,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2039	* *	10	$73,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2059	* *	10	$9,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 35 - BK (J.H.S. 35 AND P.S. 141 - BK)

Asset # : 347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,400	
Ceramic Tile	5%			2034	* *	5	$9,800	
Terrazzo	3%			LIFE	* *	5	$4,600	
Traffic Topping	2%			2036	* *	5	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Athletic Flooring								
Vinyl Tile	65%			2031	$3,839,500	3	$47,600	
Vinyl Tile 9" X 9"	10%	Now	$188,700	2041	* *	3	$7,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Wood	10%			2046	* *	5	$36,600	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	7%			2040	* *	5	$9,800	
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	8%			LIFE	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Plaster	50%			LIFE	* *	5	$21,000	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$19,500	
AcousTileSusp.Lay-In	5%			2036	* *	5	$9,800	
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,600	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Fiber Board	5%	2-4	$16,700	2031	$166,800			
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasiums								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Gymnasiums								
Plaster	65%			LIFE	* *	5	$79,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : In Front Of Auditorium								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 35 - BK (J.H.S. 35 AND P.S. 141 - BK)

Asset # : 347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%	4+	$5,700	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Areaways Facing Playground								
Explanation : Spall At Concrete Curb								
Iron Picket	50%	4+	$15,600	2066	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Conc. Curbs Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Corner Posts								
Retaining Walls								
Cast in Place Concrete	100%	4+	$6,800	2066	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : North Areaway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$17,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 5%								
Location : West Areaway Stairs								
Activity Yard								
Asphalt	100%	4+	$82,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$50,700	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 35 - BK (J.H.S. 35 AND P.S. 141 - BK)

Asset # : 347

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$284,900	5	$600	
Raceway								
Conduit	95%			2031	$253,600	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	9%			2030	$29,500	5	$300	
Fused Toggle Switch	1%			2030	$3,300	5		
Molded Case Bkrs	20%			2047	* *	5	$700	
Molded Case Bkrs	70%			2030	$229,500	5	$2,400	
Wiring								
Braided Cloth	70%			2030	$262,100	1		
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2031	$74,900	1		
Motor Controllers								
Locally Mounted	100%			2029	$198,700	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	97%			2036	* *	10	$115,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2026	$39,400	2		
LED	2%			2039	* *			
Egress Lighting								
Emergency, Service	10%			2031	$8,800	1		
Emergency, Battery	40%			2036	* *	10	$12,600	
Exit, Battery	50%			2039	* *	10	$4,400	
Exterior Lighting								
HID	100%			2031	$664,400	10	$400	
Alarm								
Security System								
Generic	50%			2036	* *	1	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$82,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 35 - BK (J.H.S. 35 AND P.S. 141 - BK)

Asset # : 347

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$128,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units. Old Boiler Abandoned In Place								
Distribution								
Steam Piping/Pump	100%			2031	$1,140,100			
Terminal Devices								
Air Handler	20%	Now	$10,700	2026	$535,900	1	$14,500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Convector/Radiator	65%			2029	$756,800	1	$27,300	
Fan Coil Unit/Heat	10%			2031	$353,000	1	$4,200	
Unit Heater - Steam	5%			2031	$40,500	4	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	2%			2039	* *			
Window/Wall Unit	50%			2026	$269,700	1		
No Component	48%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,500	
Exhaust Fans								
Interior	80%			2036	* *	2	$3,200	
Roof	20%			2036	* *	2	$800	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2041	* *	1		
Galvanized Steel	60%			2029	$1,090,600	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$37,400	2		
Sanitary Piping								
Cast Iron	100%	2-4	$35,900	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 35 - BK (J.H.S. 35 AND P.S. 141 - BK)

Asset # : 347

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 1 Unit, 1st Floor To 3rd Floor								
1 Unit, 3rd Floor To 4th Floor								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$196,900	1-2	$3,600	
Chemical System								
No Component	98%							
Generic	2%			2029	$3,600	1-3	$3,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 383 - BK**
Address : **1300 GREENE AVENUE @WILSON AVE.**
Borough : **BROOKLYN**
Agency's Number : **K383**
Program / Asset # : **BOE0613.000 / 685**
Yr Built/Renovated : **1977 / 2013**
Area Sq Ft : **176,000**
Project Type : **EDUCATION**
Date of Survey : **02-Dec-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Ph**
Block : **3298** **Lot** : **1** **BIN** : **3075413**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$256,300	$85,400
Interior Architecture	$410,800	$6,293,500
Electrical		$1,956,600
Mechanical	$105,700	$2,951,100
Total	**$772,800**	**$11,286,600**
Importance Code A	$256,300	$136,800
Importance Code B	$351,100	$11,149,800
Importance Code C	$165,400	
Total	**$772,800**	**$11,286,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$83,600			
Interior Architecture	$237,300			$35,500
Electrical	$19,000	$16,400	$20,500	$18,400
Mechanical	$74,300	$39,800	$57,700	$35,900
Site Enclosure	$33,000			
Site Pavements	$64,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$515,900**	**$60,200**	**$82,200**	**$93,700**
Importance Code A	$118,800	$17,400	$17,400	$17,400
Importance Code B	$285,000	$42,700	$64,700	$73,100
Importance Code C	$112,100			$3,200
Total	**$515,900**	**$60,200**	**$82,200**	**$93,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	0-2	$140,600	LIFE	* *	5	$85,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Penthouse And Bulkheads								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Windows								
Aluminum	98%			2049	* *	5	$74,200	
Metal Louvers	2%			2042	* *	10	$9,500	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$60,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,800	
Roof								
Built-Up (BUR)	95%	Now	$64,300	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Roof								
Metal Panel	5%	Now	$16,900	2046	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : All Bulkheads								
Miss/Damaged Flashings, Extent : Light, Area Affected : 2%								
Location : Bulkheads								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$53,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$63,500	
Ceramic Tile	3%			2042	* *	5	$8,700	
Terrazzo	10%			LIFE	* *	5	$45,400	
Vinyl Tile	77%			2033	$6,177,400	3	$111,800	
Wood	5%	0-2	$86,600	2048	* *	5	$13,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$6,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$16,800	
Folding Partition	1%			2049	* *	5	$5,300	
Metal Panel	15%			LIFE	* *	10	$14,200	
Mosaic Tile	1%	Now	$13,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 3%								
Location : Cafeteria								
Plaster	35%			LIFE	* *	5-10	$62,600	
SGFT/Glazed Masonry	35%	Now	$165,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Staircase								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$46,700	2038	* *	5	$7,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTile,Adhered	40%			2038	* *	5	$116,200	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$181,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$29,000	
Site Enclosure								
Fence/Gates								
Chain Link	40%	Now	$33,000	2053	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Baseball Home Plate								
Iron Picket	60%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$25,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bleecker Street								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Traffic Topping	100%	Now	$39,700	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Recess Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches Rated At 2,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$325,100	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2033	$303,400	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$400	
Fused Disc Sw	10%			2041	* *	5	$400	
Molded Case Bkrs	75%			2032	$254,500	5	$3,500	
Molded Case Bkrs	5%			2041	* *	5	$200	
Wiring								
Thermoplastic	80%			2033	$359,400	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$900	
Locally Mounted	20%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$153,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$21,200	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$330,400	1	$65,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$108,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	30%	0-2	$23,000	2050	* *	1	$47,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of No. 2 Boiler								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Steam Boiler	70%			2050	* *	1	$122,000	
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	15%			2028	$496,800	1	$16,300	
Convector/Radiator	85%			2038	* *	1	$48,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2028	$779,000	1	$24,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Window/Wall Unit	50%			2028	$333,400	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2043	* *	4	$2,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2028	$819,600	1	$32,700	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2028	$122,300	2	$36,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$155,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	25%			2033	$195,100	2	$1,300	
Roof	40%			2033	$136,600	2	$2,200	
Roof	35%			2041	* *	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	2%	0-2	$2,300	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Control Valve In Penthouse								
Brass/Copper	98%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : One Tankless Unit With One 300 Gallon Storage Tank.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$62,100	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : The Gutters And Leaders Of 8 Roof Entrances.								
Sump Pump(s)								
Non-Submersible	100%			2033	$35,200	4	$5,600	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$7,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit. Oil Leaks From The Tank In Elevator Room.								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$88,700	
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$4,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 390 - BK**				
Address	: **1224 PARK PLACE BTWN: ALBANY AVE., TROY AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K390**
Program / Asset #	: **BOE0615.000 / 1240**			**Yr Built/Renovated**	: **1984 / 2011**
Area Sq Ft	: **212,606**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Mar-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,4**				
Block	: **1370**	**Lot**	: **29**	**BIN**	: **3036405**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$464,100	$1,283,400
Interior Architecture	$1,159,000	$478,500
Electrical	$1,177,300	$383,900
Mechanical	$2,120,500	$4,031,300
Site Pavements	$61,000	
Total	**$4,981,900**	**$6,177,100**
Importance Code A	$464,100	$1,283,400
Importance Code B	$4,457,800	$4,486,200
Importance Code C	$60,100	$407,500
Total	**$4,981,900**	**$6,177,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,800		$10,800	
Interior Architecture	$99,000			$28,400
Electrical	$63,800	$35,600	$8,300	$11,100
Mechanical	$38,200	$80,200	$59,600	$35,500
Site Enclosure	$14,600			
Site Pavements	$5,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$248,700**	**$119,700**	**$82,700**	**$79,000**
Importance Code A	$44,800	$21,500	$31,800	$21,100
Importance Code B	$141,500	$98,200	$50,900	$57,900
Importance Code C	$62,300			
Total	**$248,700**	**$119,700**	**$82,700**	**$79,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	64%			LIFE	* *	5	$81,100	
Concrete Masonry Unit	11%	Now	$239,100	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10% *Location : Throughout*								
Masonry: Brick	15%			LIFE	* *	5	$30,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$65,900	
Windows								
Aluminum	100%			2046	* *	5	$21,600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,100	
Masonry: Brick	15%			LIFE	* *	5	$2,700	
Pre-Cast Concrete	80%	Now	$23,800	LIFE	* *	5	$92,000	
Caulking Deteriorated, Extent : Light, Area Affected : 20% *Location : Throughout Parapet*								
Roof								
Built-Up (BUR)	70%			2035	* *	10	$121,900	
Copper/Terne	5%			2058	* *	10	$21,800	
IRMA/Protected Membrane	25%	Now	$103,100	2030	$1,030,500			
Water Penetration, Extent : Moderate, Area Affected : 20% *Location : Auditorium*								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$70,900	
Ceramic Tile	5%	Now	$18,300	2039	* *	5	$8,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10% *Location : Throughout*								
Terrazzo	5%			LIFE	* *	5	$12,700	
Vinyl Tile	70%	Now	$125,400	2035	* *	3	$85,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10% *Location : Throughout*								
Wood	10%			2058	* *	5	$60,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$8,200	2033	$407,500	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Toilets								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,900	
Folding Partition	2%	Now	$34,200	2046	* *	5	$6,200	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *			
Plaster	50%	Now	$60,100	LIFE	* *	5	$37,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$49,400	
Ceilings								
AcousTile,Adhered	20%	Now	$406,200	2035	* *	5	$31,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exposed Struc: Concrete	60%	Now	$567,300	LIFE	* *	5	$29,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Bulkhead								
Plaster	20%	Now	$38,400	LIFE	* *	5	$39,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	85%	0-2	$12,900	2040	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	10%	2-4	$1,700	2050	* *			
Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Under Construction	5%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$61,000	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	20%	0-2	$5,400	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Under Construction	80%							
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2040	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,000 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$900	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$500	
Molded Case Bkrs	90%			2038	* *	5	$5,000	
Wiring								
Thermoplastic	95%			2040	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	90%			2035	* *	5	$1,300	
Locally Mounted	10%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$156,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps Type Lighting Fixtures.								
Fluorescent	15%			2035	* *	10	$29,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lamps								
HID	5%	Now	$25,200	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Obsolete High Pressure Sodium Fixtures Producing Yellow Color Light.								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$25,700	
Exit, Service	50%	0-2	$27,500	2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete Incandescent Light Fixtures.								
Exterior Lighting								
HID	100%	Now	$992,000	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior Lighting Fixtures Are Not Operational.								
Alarm								
Security System								
No Component	50%							
Under Construction	50%							
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2030	$383,900	1-3	$94,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$210,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2056	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%	Now	$640,100	2030	$1,600,400	1	$47,300	
Broken, Extent : Severe, Area Affected : 40%								
Location : Sub-basement Mechanical Room								
Convector/Radiator	60%			2028	$1,043,100	1	$41,200	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	Now	$376,400	2040	* *	1	$17,700	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Split Unit	30%			2035	* *			
Window/Wall Unit	50%			2024	$402,700	1		
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2030	$68,800	4	$2,100	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%	Now	$165,000	2030	$825,100	1	$23,700	
Broken, Extent : Severe, Area Affected : 40%								
Location : Sub-basement								
No Component	80%							
Heat Rejection								
Dry Cooler	20%	Now	$195,100	2040	* *	2	$23,700	
Broken, Extent : Severe, Area Affected : 30%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Beyond Its Useful Life								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$118,600	
Exhaust Fans								
Interior	20%			2025	$188,600	2	$1,300	
Roof	80%	Now	$99,000	2030	$330,000	2	$4,200	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : 30 Percent Of Fans Are Not Working On The Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$53,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Sub-basement Mechanical Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$42,600	4	$6,700	
Sewage Ejector(s)								
Electric	100%	0-2	$11,100	2030	$111,300	4	$8,500	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Pumps In Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Under Construction	100%							
Sprinkler								
Under Construction	100%							
Chemical System								
No Component	98%							
Generic	2%			2024	$1,600	1-3	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 391 - BK MAHALIA JACKSON**		
Address	: **790 EAST NEW YORK AVENUE BTWN: TROY AVE., SCHENECTADY AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K391**
Program / Asset #	: **BOE0616.000 / 1241**	**Yr Built/Renovated**	: **1976 / 2009**
Area Sq Ft	: **164,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,Ph**		
Block	: **4806** **Lot** : **1**	**BIN**	: **3107129**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$52,500
Interior Architecture	$286,200	$142,200
Electrical	$1,374,900	$3,080,700
Mechanical	$2,823,000	$3,397,400
Site Pavements		$349,200
Total	**$4,484,100**	**$7,021,900**
Importance Code A	$857,700	$52,500
Importance Code B	$3,626,400	$6,819,500
Importance Code C		$149,900
Total	**$4,484,100**	**$7,021,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,400			$3,500
Interior Architecture	$52,800		$3,300	$22,400
Electrical	$56,700	$66,700	$10,400	$10,000
Mechanical	$69,900	$131,000	$74,200	$34,400
Site Enclosure	$700			
Site Pavements	$28,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$229,600**	**$201,600**	**$91,800**	**$74,200**
Importance Code A	$17,400	$16,600	$16,200	$19,700
Importance Code B	$182,500	$185,100	$72,200	$54,500
Importance Code C	$29,700		$3,300	
Total	**$229,600**	**$201,600**	**$91,800**	**$74,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 391 - BK MAHALIA JACKSON
Asset # : 1241

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$27,300	
Masonry: Brick Cavity	90%			LIFE	* *	5	$49,100	
Windows								
Aluminum	100%			2052	* *	5	$6,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$4,900	
Masonry: Brick	15%			LIFE	* *	5	$1,000	
Metal Rail	75%			2043	* *	5-10	$86,500	
Roof								
Built-Up (BUR)	100%	4+	$17,400	2035	* *			
Blisters, Extent : Light, Area Affected : 2%								
Location : Upper Roof								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,400	
Ceramic Tile	5%	Now	$13,500	2039	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Kitchen And Staff Toilets Throughout								
Vinyl Tile	75%	Now	$99,200	2035	* *	3	$67,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors And Stairs Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Corridors And Stairs Throughout								
Wood	10%	2-4	$71,400	2058	* *	5	$22,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium At Drinking Fountain								
Interior Walls								
Ceramic Tile	25%	0-2	$14,500	2039	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors, Stairs, Kitchen And Staff Toilets Throughout								
Concrete Masonry Unit	5%	2-4	$5,000	LIFE	* *	5	$1,100	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Folding Partition	5%			2046	* *	5	$6,600	
Gypsum Board	20%			LIFE	* *	5	$6,300	
Masonry: Brick	15%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 391 - BK MAHALIA JACKSON

Asset # : 1241

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	60%	Now	$115,600	2043	* *	5	$89,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : At Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Struc: Concrete	25%			LIFE	* *	5	$9,400	
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	5%	Now	$19,800	LIFE	* *	5	$15,000	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	20%	0-2		2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : At Dumpsters								
Iron Picket	80%	Now	$700	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$8,600	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Trees Throughout								
On-Site Walkways								
Cast in Place Concrete	40%	0-2	$100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *			
Pavers/Stone	50%	4+	$100	2033	$3,300			
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Main Entrance								

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DEPARTMENT OF EDUCATION - 040
I. S. 391 - BK MAHALIA JACKSON
Asset # : 1241

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	70%	0-2	$7,500	2033	$149,900			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	30%	0-2	$1,800	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Dumpsters								
Activity Yard								
Asphalt	100%	Now	$10,000	2033	$199,200			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$700	
Suspect Water Damage, Extent : Moderate, Area Affected : 50%								
Location : Electric Service Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$700	
Raceway								
Conduit	90%			2040	* *	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$17,000	5	$200	
Fused Disc Sw	5%			2029	$17,000	5	$200	
Molded Case Bkrs	20%			2046	* *	5	$900	
Molded Case Bkrs	70%	2-4	$237,500	2055	* *	5	$1,500	
Aged Component, Extent : Moderate, Area Affected : 30%								
Location : Kitchen Panels								
Wiring								
Thermoplastic	90%			2040	* *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	30%			2028	$54,400	5	$300	
Motor Control Center	70%			2028	$508,900	5	$3,100	
Ground								

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DEPARTMENT OF EDUCATION - 040

I. S. 391 - BK MAHALIA JACKSON

Asset # : 1241

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%	Now	$13,400	2043	* *	1	$45,400	
Arc/Scorch/Burn Mrks, Extent : Moderate, Area Affected : 100%								
Location : Boiler Transfer Switch								
Lighting								
Interior Lighting								
Fluorescent	97%			2030	$2,371,400	10	$145,900	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	1%			2025	$19,400	10	$100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Girls And Boys Gymnasiums								
Incandescent	2%			2025	$90,900	2	$100	
Egress Lighting								
Emergency, Service	50%			2025	$50,500	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Electric Service Room								
Explanation : Old Emergency Lighting Battery Charger And Lead Acid Battery Cells Have Been Abandoned In Place.								
Exit, Service	50%			2025	$35,400	1		
Exterior Lighting								
HID	100%	0-2	$38,300	2025	$765,200			
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 5%								
Location : Exit No. 4								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$61,600	1	$12,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Building Exterior								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$169,200	1-3	$40,400	

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DEPARTMENT OF EDUCATION - 040

I. S. 391 - BK MAHALIA JACKSON

Asset # : 1241

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$381,400	5	$50,800	
Conversion Equipment								
Steam Boiler	100%	4+	$857,700	2050	* *	1	$146,200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$262,700	2040	* *			
Corroded, Extent : Severe, Area Affected : 20%								
Location : Make-up Water Tank In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2025	$925,900	1	$30,400	
Convector/Radiator	70%			2028	$938,700	1	$37,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	2-4	$290,300	2040	* *	1	$13,700	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Mechanical Room								
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : 2nd Floor Air Conditioning Room								
Reciprocating Compr/Chiller	20%			2030	$483,900	1	$15,200	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : 2nd Floor Air Conditioning Room								
Split Unit	5%			2030	$194,700			
Window/Wall Unit	40%			2025	$248,500	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2030	$45,100	4	$1,600	
CW & CHW Wtr Pipe/Pump	20%			2050	* *	4	$1,600	
Ductwork/Diffusers	30%			LIFE	* *	2	$64,000	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2030	$1,081,900	1	$40,600	
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

I. S. 391 - BK MAHALIA JACKSON

Asset # : 1241

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	20%	Now	$48,400	2040	* *	2	$18,300	
Broken, Extent : Severe, Area Affected : 50%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : On Extended Life								
Air Cooled Condenser Unit	20%			2030	$80,700	2	$22,800	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,400	
Exhaust Fans								
Interior	40%			2035	* *	2	$2,000	
Roof	60%			2030	$190,900	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$237,900	2060	* *	4	$16,200	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$32,800	4	$5,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$82,700	
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$1,400	
Chemical System								
No Component	95%							
Generic	5%			2025	$11,200	1-3	$10,200	

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DEPARTMENT OF EDUCATION - 040
I. S. 391 - BK MAHALIA JACKSON
Asset # : 1241

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 391 (UDC)- BX**		
Address	: **2225 WEBSTER AVENUE @ E. 182ND STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X137**
Program / Asset #	: **BOE0274.000 / 402**	**Yr Built/Renovated**	: **1975 / 2009**
Area Sq Ft	: **190,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5,6**		
Block	: **3143** **Lot** : **43**	**BIN**	: **2013307**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$153,300	$2,203,100
Interior Architecture	$1,046,200	$158,900
Electrical	$159,500	$4,839,200
Mechanical	$882,900	$4,659,300
Site Pavements	$157,600	
Total	**$2,399,500**	**$11,860,500**
Importance Code A	$236,100	$2,254,500
Importance Code B	$2,018,300	$9,447,100
Importance Code C	$145,100	$158,900
Total	**$2,399,500**	**$11,860,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,600		$81,000	$20,200
Interior Architecture	$63,200	$7,400		$27,700
Electrical	$8,300	$7,700	$115,200	$5,300
Mechanical	$223,000	$49,300	$131,500	$49,300
Site Enclosure	$10,600			
Site Pavements	$68,500			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$414,000**	**$76,300**	**$339,500**	**$114,400**
Importance Code A	$33,300	$14,100	$95,500	$34,300
Importance Code B	$281,600	$62,200	$244,000	$80,100
Importance Code C	$99,000			
Total	**$414,000**	**$76,300**	**$339,500**	**$114,400**

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DEPARTMENT OF EDUCATION - 040

I. S. 391 (UDC)- BX

Asset # : 402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	$347,000	
Concrete Masonry Unit	60%			LIFE	* *	5	$130,100	
Masonry: Brick	5%	4+	$28,600	LIFE	* *	5	$17,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 5th Floor Facing Play Yard								
Metal Panel	5%			2041	* *	5-10	$119,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$56,400	
Window Wall	5%			2051	* *	5	$65,100	
Windows								
Aluminum	97%			2047	* *	5	$40,300	
Metal Louvers	3%			2040	* *	10	$7,800	
Parapets								
Cast in Place Concrete	95%	4+	$83,800	LIFE	* *	5	$192,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : At Joints								
Metal Panel	5%			2051	* *	5	$3,800	
Roof								
Built-Up (BUR)	85%	4+	$69,500	2031	$1,390,200			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Modified Bitumen	10%			2036	* *	10	$14,000	
Plaza Roof: Stone Panels	5%			2051	* *			
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Soffit Area								
Explanation : Waffle Slab Construction								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$32,300	
Ceramic Tile	5%			2040	* *	5	$14,800	
Quarry Tile	10%			2044	* *	5	$44,300	
Vinyl Tile	75%	Now	$122,300	2036	* *	3	$83,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Cafeteria, Corridors, Rooms 501, 503								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 4th And 5th Floor Cafeteria								
Wood	5%	Now	$88,000	2059	* *	5	$13,800	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Gymnasium Has Warped Floor Near Water Fountains								

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DEPARTMENT OF EDUCATION - 040

I. S. 391 (UDC)- BX

Asset # : 402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	10%	4+	$27,300	2040	* *	5	$12,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Corridor								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,900	
Folding Partition	2%	4+	$13,800	2047	* *	5	$6,200	
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Gypsum Board	40%			LIFE	* *	5	$59,600	
Plaster	10%			LIFE	* *	5	$7,500	
SGFT/Glazed Masonry	13%	Now	$145,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Stress Crack At Cantilevered Volume Facing Webster Avenue Evident In 3rd Floor Lobby And 4th Floor Cafeteria								
Wood	10%			LIFE	* *	5	$99,300	
Ceilings								
Exposed Struc: Concrete	40%			LIFE	* *	5	$18,500	
Fiber Board	50%	Now	$690,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Cafeteria								
Loose Units, Extent : Severe, Area Affected : 50%								
Location : Corridors, Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Corridors, Cafeteria								
Plaster	10%			LIFE	* *	5	$18,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$10,600	2066	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Webster Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$21,100	2044	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Webster Avenue, East 182nd Street								
On-Site Walkways								
Asphalt	20%	Now	$29,800	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	60%	0-2	$17,600	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Webster Avenue								
Pavers/Stone	20%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 391 (UDC)- BX

Asset # : 402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	Now	$157,600	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 4,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$325,100	5	$800	
Raceway								
Conduit	90%			2031	$303,400	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	45%			2039	* *	5	$2,300	
Molded Case Bkrs	45%			2030	$152,700	5	$2,300	
Wiring								
Thermoplastic	90%			2031	$404,300	1		
Thermoplastic	10%			2041	* *	1		
Motor Controllers								
Locally Mounted	40%			2029	$72,600	5	$500	
Motor Control Center	60%			2029	$436,200	5	$3,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	10%			2031	$283,200	10	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : T-5 Lamps								
Fluorescent	88%			2031	$2,492,400	10	$153,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$45,000	10	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$159,500	10	$22,900	
Exit, Service	50%			2026	$41,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 391 (UDC)- BX

Asset # : 402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$21,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	$147,000	1-3	$35,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Heat Exchanger, Plate & Frame	50%			2034	* *	1	$47,000	
Steam Boiler	50%	0-2	$82,800	2044	* *	1	$84,700	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room. 1 Out Of The 3 Boilers Is Working Which Have Mixing Motor And Programming Problem								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Steam Boiler Units.								
Distribution								
Hot Wtr Piping/Pump	50%	Now	$20,800	2039	* *	4	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Expansion Tank Leaking								
Steam Piping/Pump	50%			2041	* *			
Terminal Devices								
Convector/Radiator	50%			2036	* *	1	$30,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms, Office And Hallways								
Explanation : Temperature Control Is Malfunctioning								
Fan Coil Unit/Heat	5%	0-2	$70,700	2036	* *	1	$2,800	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Fan Coil Unit/Heat	20%			2031	$942,200	1	$12,300	
No Component	25%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Various								
Explanation : Equipment Is Accounted In The Cooling Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 391 (UDC)- BX

Asset # : 402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2034	* *	1	$143,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Split Unit	10%	0-2	$45,100	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various. 1 Out Of 4 Units Is Out Of Service.								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	100%	0-2	$24,600	2041	* *	4	$9,400	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement: Leaking Condensate Water Piping								
Terminal Devices								
Air Handler/Cool/Ht	20%			2031	$589,900	1	$23,500	
Air Handler/Cool/Ht	80%			2031	$2,359,500	1	$94,000	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement Fan Rooms								
Explanation : Cooling Only Air Handlers With Reheat Coils In The Duct Work.								
Heat Rejection								
Water Cooling Tower	100%			2032	$767,800	2	$191,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$105,900	
Exhaust Fans								
Interior	80%			2026	$674,100	2	$4,700	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Fan Room								
Explanation : Auditorium Air Handler Undersized.								
Roof	15%			2026	$55,300	2	$900	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Roof	5%	0-2	$18,400	2041	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof, 6 Of 16 Exhaust Fans With Multiple Mechanical And Or Electrical Defects								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Leaking Domestic Water Piping								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 391 (UDC)- BX

Asset # : 402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$33,500	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Explanation : Leaking Roof Drain Piping								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$6,000	
Backflow Preventer								
No Component	80%							
Generic	20%			2041	* *	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Boiler Room								
Explanation : Unit Serves Boiler Only								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : Mens Bathroom At 5th Floor Has A Leaking Sink								
Vertical Transport								
Elevators								
Gearless Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Ground Through Sixth Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$95,800	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$5,300	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 394/210 - BK (I. S. 210 - BK)**				
Address	: **188 ROCHESTER AVENUE @ PARK PL.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K210**
Program / Asset #	: **BOE0505.000 / 1315**			**Yr Built/Renovated**	: **1925 / 1999**
Area Sq Ft	: **108,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **20-Oct-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**				
Block	: **1367**	**Lot**	: **22**	**BIN**	: **3036289**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$544,900	$272,600
Interior Architecture	$1,140,600	$163,500
Electrical		$2,229,700
Mechanical		$3,388,000
Site Enclosure	$78,400	
Site Pavements	$155,700	
Total	**$1,919,600**	**$6,053,900**
Importance Code A	$544,900	$1,214,000
Importance Code B	$868,000	$4,839,900
Importance Code C	$506,700	
Total	**$1,919,600**	**$6,053,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,800			
Interior Architecture	$119,000		$15,900	$1,300
Electrical	$13,700	$10,100	$11,500	$12,100
Mechanical	$129,000	$32,100	$41,100	$51,500
Site Enclosure	$27,600			
Site Pavements	$19,600			
Total	**$398,700**	**$42,200**	**$68,400**	**$64,900**
Importance Code A	$108,700	$10,700	$10,700	$10,700
Importance Code B	$229,200	$31,500	$57,700	$54,200
Importance Code C	$60,900			
Total	**$398,700**	**$42,200**	**$68,400**	**$64,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$16,200	LIFE	* *	5	$63,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cornice On East Facade								
Masonry: Brick	85%			LIFE	* *	5	$277,100	
Masonry: Granite	3%			LIFE	* *	5	$7,300	
Masonry: Marble	2%			LIFE	* *	5	$4,900	
Metal Panel	5%			2053	* *	5-10	$56,000	
Windows								
Aluminum	88%			2049	* *	5	$43,900	
Metal Louvers	2%			2042	* *	10	$6,200	
Wood	10%	0-2	$290,300	2058	* *	5	$24,900	
Thermally Inefficient, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$62,700	
Masonry: Brick	90%			LIFE	* *	5-10	$135,900	
Painted Surfaces, Extent : Moderate, Area Affected : 25%								
Location : Interior Parapet								
Roof								
Built-Up (BUR)	100%			2038	* *	10	$70,400	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$42,800	LIFE	* *	5	$22,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2036	* *	5	$10,100	
Marble Panels	5%	2-4	$110,500	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	2%			2038	* *	5	$6,000	
Terrazzo	5%	Now	$18,800	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	43%			2038	* *	3	$32,500	
Vinyl Tile	5%	Now	$41,800	2038	* *	3	$3,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Room 306								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	30%	Now	$180,300	2048	* *	5	$56,700	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Split/Cracked, Extent : Light, Area Affected : 2%								
Location : Throughout Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$7,600	2042	* *	5	$3,400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Concrete Masonry Unit	5%			LIFE	* *	5	$9,200	
Glass: Single Pane	2%			LIFE	* *	5	$6,900	
Masonry: Brick	15%	Now	$327,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Marble Panels	5%	Now	$101,100	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Outside Auditorium								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor And Auditorium								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 1st Floor And Auditorium								
Plaster	70%	Now	$78,100	LIFE	* *	5	$48,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								

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DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%	Now	$226,100	LIFE	* *	5	$4,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Hoistway And Shops								
Plaster	5%	Now	$19,100	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium At Windows								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Plaster	80%	Now	$97,900	LIFE	* *	5	$100,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 4th Floor Hallway								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stair Bulkheads								
Site Enclosure								
Fence/Gates								
Chain Link	60%	Now	$27,600	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Playground								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Gates								
Explanation : Gates Leaning, Closing And Opening Difficult								
Iron Picket	40%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$78,400	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Prospect Place								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$14,700	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Steps								
Panel/Paver: Cer/Brk	5%	0-2	$2,900	2049	* *	5	$1,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Front Steps								
Pavers/Stone	5%			2042	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Front Entrance								
Explanation : Marble Steps								

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DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	95%	4+	$155,700	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Play Yard								
Rubber Matting	5%	Now	$1,900	2038	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	75%			2043	* *	5	$300	
Molded Case Bkrs	25%			2043	* *	5	$700	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	97%			2033	$1,561,600	10	$96,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$90,600	10	$13,000	
Exit, Service	50%			2033	$23,300	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$202,700	1	$40,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$278,600	1-3	$68,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium, Auditorium, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$33,500	
Conversion Equipment								
Steam Boiler	100%	0-2	$18,800	2031	$941,400	1	$96,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of Unit No.3. Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	70%	0-2	$30,300	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Pneumatic Controls System, Basement								
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Thermostats. Throughout								
Steam Piping/Pump	30%			2043	* *			
Terminal Devices								
Air Handler	10%			2028	$203,200	1	$6,700	
Air Handler	10%			2038	* *	1	$6,700	
Convector/Radiator	50%			2031	$441,600	1	$17,400	
Fan Coil Unit/Heat	30%			2028	$803,300	1	$10,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$286,400	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,400	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2028	$191,600	2	$1,300	
Interior	50%			2038	* *	2	$1,700	
Roof	10%			2028	$21,000	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$275,800	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	2-4	$3,300	2028	$3,300	4	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2033	$48,200	1	$6,600	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 40%								
Location : Various Locations.								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$44,800	1-2	$900	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 60 Square Feet In Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX**
Address : **120 EAST 184 STREET BTWN CRESTON AVE - MORRIS AVE**
Borough : **BRONX** | **Agency's Number** : **X115**
Program / Asset # : **BOE0255.000 / 414** | **Yr Built/Renovated** : **1919 / 2011**
Area Sq Ft : **111,000** | **Project Type** : **EDUCATION**
Date of Survey : **16-May-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,5,Att**
Block : **3172** **Lot** : **46** **BIN** : **2013899**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$413,700	$311,200
Interior Architecture	$1,083,800	$2,035,300
Electrical	$938,700	$983,400
Mechanical	$975,400	$3,718,800
Total	**$3,411,600**	**$7,048,700**
Importance Code A	$413,700	$362,600
Importance Code B	$2,928,300	$6,686,100
Importance Code C	$69,600	
Total	**$3,411,600**	**$7,048,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,700		$18,800	
Interior Architecture	$213,400		$1,000	$12,000
Electrical	$47,900	$5,000	$43,100	$4,600
Mechanical	$102,500	$16,300	$27,600	$16,300
Site Enclosure	$21,400			
Site Pavements	$37,200			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$468,900**	**$31,200**	**$100,400**	**$42,700**
Importance Code A	$47,600	$11,000	$30,000	$11,000
Importance Code B	$312,700	$20,200	$70,300	$31,700
Importance Code C	$108,500			
Total	**$468,900**	**$31,200**	**$100,400**	**$42,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX

Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$149,000	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Explanation : Scaffolding In Place								
Masonry: Brick	85%	Now	$267,100	LIFE	* *	5	$162,200	
Sidewalk Shed in Use, Extent : Light, Area Affected : 90%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 408, 414, 421, 518 And 120								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Explanation : Scaffolding In Place								
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Windows								
Aluminum	100%	Now	$53,000	2047	* *	5	$27,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classroom								
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$40,400	
Masonry: Brick	60%	Now	$31,700	LIFE	* *	5	$12,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Kitchen Walls On North Facade								
Metal Panel	15%			2051	* *	5	$12,100	
Roof								
Built-Up (BUR)	25%	Now	$5,000	2036	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Ponding, Extent : Light, Area Affected : 2%								
Location : Upper Roof								
Metal Panel	60%			2044	* *	10	$93,600	
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 8%								
Location : Gutters Flanking Cafeteria Kitchen On North Side And 5th Floor								
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : Snow Gaurds Failure								
Modified Bitumen	15%			2036	* *	10	$12,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX

Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	3%	Now	$3,500	2051	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stair Treads And Landing								
Explanation : Epoxy Coating								
Cast in Place Concrete	15%	Now	$40,700	LIFE	* *	5	$52,300	
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Basement Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Mechanical Area								
Ceramic Tile	6%	Now	$10,800	2040	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Mosaic Tile	5%			2044	* *	5	$19,900	
Sheet Vinyl/Rubber	5%	Now	$26,100	2026	$521,800	5	$6,000	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Terrazzo	5%			LIFE	* *	5	$6,200	
Horizontal Cracks, Extent : Light, Area Affected : 10%								
Location : Entry Foyer								
Vinyl Tile	45%	Now	$39,700	2031	$1,982,900	3	$26,900	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Auditorium And Throughout Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%	Now	$211,100	2041	* *	3	$9,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Cafeteria								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : 5th Floor Cafeteria								
Wood	1%	0-2	$4,800	2034	* *	5	$1,500	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX
Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	13%	Now	$30,500	2034	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets, Kitchen And Stairs								
Concrete Masonry Unit	2%			LIFE	* *	5	$700	
Glass: Single Pane	3%			LIFE	* *	5	$1,900	
Masonry: Brick	10%	Now	$32,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Metal: Cage/Fence	5%			LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairwells								
Explanation : Stair Partitions								
Plaster	67%	Now	$69,600	LIFE	* *	5	$17,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors, 5th Floor Classroom								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 408, 414, 5th Floor Classroom								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX

Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$143,500	2051	* *	5	$9,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Various								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Various								
AcousTileSusp.Lay-In	2%			2051	* *	5	$2,000	
AcousTileSusp.Lay-In	3%	Now	$14,800	2051	* *	5	$1,500	
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Exposed Struc: Concrete	20%	Now	$59,400	LIFE	* *	5	$3,100	
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Sidewalk Vault On North Side In Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Sidewalk Vault In Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Sidewalk Vault In Basement								
Gypsum Board	5%			LIFE	* *	5	$6,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Pool And Library								
Plaster	52%	Now	$78,400	LIFE	* *	5	$32,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Plaster	3%			LIFE	* *	5	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Tray Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$21,400	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Gates Not Functioning								
Iron Picket	25%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$13,200	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Under Sidewalk Shed Supports								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$24,100	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East And West Side Exits								

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DEPARTMENT OF EDUCATION - 040
I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX
Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%			2034	* *			
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$260,100	5	$2,900	
Raceway								
Conduit	95%			2031	$231,500	1		
Conduit	5%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$300	
Molded Case Bkrs	10%			2053	* *	5	$300	
Molded Case Bkrs	80%			2030	$191,600	5	$2,300	
Wiring								
Braided Cloth	75%	2-4	$256,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building								
Thermoplastic	20%			2031	$68,400	1		
Thermoplastic	5%			2057	* *	1		
Motor Controllers								
Locally Mounted	20%	Now	$21,800	2051	* *	5	$100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Locally Mounted	65%			2029	$117,900	5	$500	
Locally Mounted	10%	2-4	$10,900	2051	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Locally Mounted	5%			2051	* *	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX
Asset # : 414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	5%			2039	* *	10	$5,100	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2039	* *	10	$10,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	70%			2036	* *	10	$71,300	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	15%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Gymnasium, Pool And Library								
Explanation : LED Fixtures Installed.								
Egress Lighting								
Emergency, Battery	50%			2026	$93,200	10	$13,400	
Exit, Service	50%			2026	$23,900	1		
Exterior Lighting								
HID	100%			2026	$517,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$62,500	1	$12,400	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2036	* *	1-3	$28,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$109,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%			2031	$177,800			
Steam Piping/Pump	80%			2031	$711,100			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX
Asset # : 414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$417,800	1	$13,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Defective Gymnasium And Auditorium Blower Temperature Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Gymnasium And Auditorium								
Air Handler	5%			2036	* *	1	$3,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Attic Fan Room								
Convector/Radiator	75%			2029	$680,800	1	$26,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%	Now	$3,300	2026	$163,800	1	$4,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Basement								
Window/Wall Unit	20%			2029	$84,100	1		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various Classrooms								
Explanation : Equipment Not Operational Due To Incompatible Power Supply								
No Component	70%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%	0-2	$5,400	2061	* *	4	$500	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
No Component	90%							
Heat Rejection								
Water Cooling Tower	10%	0-2	$16,800	2036	* *	2	$8,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
No Component	90%							
Dehumidifier								
No Component	90%							
Generic	10%			2032	$648,000			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Installed Pool Dehumidifier								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX

Asset # : 414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Interior	10%	Now	$49,200	2041	* *	2	$300	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Attic Fan Room								
Interior	80%			2026	$393,800	2	$2,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Attic Fan Rooms								
Roof	10%			2031	$21,500	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,417,100	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Electric	20%			2029	$4,700	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen 5th Floor								
Explanation : One 80 Gallon Electric Hot Water Heater								
Gas Fired	80%			2029	$13,700	2		
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement								
Explanation : One Instantaneous Gas Fired Hot Water Heater With Two 200 Gallon Storage Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$7,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Drain								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Submersible	100%	Now	$300	2024	$3,400	4	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Near Gymnasium								
Explanation : Ground Water Sump Pump - According To The Building Manager, Steam Return Discharging Into The Sump Pit Damaging The Pumps								
Pool Filter/Treatment								
Sand	100%			2044	* *	4		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 399 (OLD X HS/115) - BX M.S. 319 - BX

Asset # : 414

Mechanical	Current Repair			Future Replacement			Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
Backflow Preventer									
No Component	80%								
Generic	20%			2039	* *		1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Boiler Room									
Explanation : Back Flow Preventer Serves Boiler Only									
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Geared Traction	100%			LIFE	* *				
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement To 5th Floor									
Explanation : Two Units									
Fire Suppression									
Sprinkler									
No Component	95%								
Generic	5%			2041	* *		1-2	$1,600	
Other Observation, Extent : Light, Area Affected : 5%									
Location : 5th Floor									
Explanation : Dry Storage									

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES**
Address : **100 ESSEX DRIVE @ WESTPORT ST**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE1072.000 / 14418**
Area Sq Ft : **213,179**
Date of Survey : **24-Nov-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **2450** **Lot** : **320**

Agency's Number : **R043**
Yr Built/Renovated : **2008 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5149609**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$428,500	$5,078,200
Interior Architecture	$1,155,700	$5,105,100
Electrical		$3,612,400
Mechanical	$52,800	$10,592,000
Site Pavements	$1,228,100	
Total	**$2,865,000**	**$24,387,800**
Importance Code A	$428,500	$5,675,000
Importance Code B	$569,000	$18,550,200
Importance Code C	$1,867,600	$162,600
Total	**$2,865,000**	**$24,387,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$225,300		$6,100	
Interior Architecture	$201,900			$23,900
Electrical	$41,800	$34,700	$40,600	$37,200
Mechanical	$66,900	$94,700	$71,200	$55,800
Site Enclosure	$2,200			
Site Pavements	$75,200			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$625,200**	**$141,300**	**$129,800**	**$128,800**
Importance Code A	$236,800	$9,500	$17,600	$9,500
Importance Code B	$298,800	$131,800	$112,200	$119,300
Importance Code C	$89,600			
Total	**$625,200**	**$141,300**	**$129,800**	**$128,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES

Asset # : 14418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$32,200	
Fiberglass Panel	10%	Now	$15,000	2036	* *	5	$48,300	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Mini-gymnasium								
Masonry: Brick	55%			LIFE	* *	5	$283,100	
Metal/Glass Curt Wall	5%	Now	$43,400	LIFE	* *	5	$24,100	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Above Marsh Entrance B								
Metal Panel	15%			2043	* *	5-10	$265,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$83,700	
Windows								
Aluminum	95%	Now	$44,500	2041	* *	5	$9,300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Classrooms 127								
Metal Louvers	5%			2036	* *	10	$6,100	
Parapets								
Cast in Place Concrete	45%	4+	$18,000	LIFE	* *	5	$103,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$63,200	
Masonry: Brick	45%			LIFE	* *	5-10	$68,500	
Roof								
IRMA/Protected Membrane	100%	Now	$228,400	2033	$4,567,800			
Miss/Damaged Flashings, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And 1st Floor Corridor By Auditorium								
Soffits								
Metal Panel	50%			2043	* *	5-10	$9,700	
Metal: Cage/Fence	25%			2038	* *	5	$3,100	
Stucco Cement	25%	Now	$600	2038	* *	5	$900	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Main Entrance								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Main Entrance								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES
Asset # : 14418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2029	$282,200	3	$31,900	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$139,600	
Ceramic Tile	5%	4+	$18,000	2036	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria And Kitchen								
Quarry Tile	5%			2038	* *	5	$23,900	
Sheet Vinyl/Rubber	5%	2-4	$20,900	2033	$1,043,800	5	$12,000	
Seams Open/Split, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Terrazzo	20%			LIFE	* *	5	$99,700	
Vinyl Tile	40%	Now	$70,500	2033	$3,525,800	3	$47,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria And Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Wood	10%			2048	* *	5	$59,800	
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	10%	Now	$206,100	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Storage Room								
Concrete Masonry Unit	20%			LIFE	* *	5	$86,700	
Gypsum Board	50%	0-2	$379,300	LIFE	* *	5	$162,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$54,200	
Ceilings								
AcousTileSusp.Lay-In	65%	4+	$172,400	2038	* *	5	$103,700	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	10%			LIFE	* *	10	$63,800	
Gypsum Board	15%	Now	$41,900	LIFE	* *	5	$59,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Room 248 And Throughout								
Metal Panel	5%			LIFE	* *	5	$39,900	
Wood	5%			LIFE	* *	5	$279,200	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES

Asset # : 14418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	67%	Now	$2,200	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout Field								
Iron Picket	33%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$31,100	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Asphalt	25%	Now	$44,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Path At Field And Throughout								
Cast in Place Concrete	75%	2-4	$1,042,500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	4+	$185,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Activity Yard								
Asphalt	100%			2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 5,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2046	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Various Capacities								

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DEPARTMENT OF EDUCATION - 040
I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES
Asset # : 14418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$900	
Raceway								
Conduit	100%			2053	* *	1		
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$1,000	
Variable Frequency Drive	30%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$65,600	
Generators								
Diesel	100%			2042	* *	1	$82,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Generator Enclosure								
Explanation : One 400 Kilowatt Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$7,900	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Generator Enclosure								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	48%			2033	$1,525,400	10	$93,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	45%			2033	$1,430,000	10	$88,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2033	$95,300	10	$5,900	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium Lobby								
Incandescent	2%			2033	$118,100	2	$100	
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	45%			2033	$59,100	1		
Emergency, Battery	50%			2033	$178,900	10	$25,700	
Emergency, Battery	5%			2033	$17,900	10	$2,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES

Asset # : 14418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	1%			2033	$9,900	10		
LED	9%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 95%								
Location : Roof And Building Perimeter								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$2,000	
Alarm								
Security System								
Generic	100%			2038	* *	1	$79,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$131,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2053	* *	1		
Natural Gas	90%			2053	* *	1		
Conversion Equipment								
Furnace	90%			2033	$596,800	1	$94,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 10 Units								
Radiant Heater	10%			2038	* *	2	$9,900	
Terminal Devices								
Induction Unit	10%			2042	* *	1	$6,900	
No Component	90%							
Controls								
Digital	100%			2031	$6,122,600			
Repairs In Progress, Extent : N/A, Area Affected : 20%								
Location : Mechanical Room								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES
Asset # : 14418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	80%			2033	$2,865,300	2	$10,400	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	20%			2038	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$188,200	
Exhaust Fans								
Roof	100%			2033	$413,600	2	$6,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Approximately 250 Gallons, Unit Has No Label. Quantity 3								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$8,500	
Backflow Preventer								
Generic	100%			2038	* *	1	$13,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Basement To 4th Floor, One Unit From Basement To 1st Floor								
Explanation : 3 Units And An Auditorium Lift Which Is Broken								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$59,700	
Chemical System								
Generic	100%			2031	$489,600	1-3	$446,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 30 Feet Long, 120 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 51 - SI**		
Address	: **20 HOUSTON ST. @ WILLOWBROOK RD.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R051**
Program / Asset #	: **BOE0971.000 / 1187**	**Yr Built/Renovated**	: **1960 / 2010**
Area Sq Ft	: **163,271**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Aug-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1478** **Lot** : **500**	**BIN**	: **5107210**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$2,287,300
Interior Architecture	$4,828,200	$326,900
Electrical	$929,200	$899,300
Mechanical	$152,200	$2,792,000
Total	**$5,909,600**	**$6,305,400**
Importance Code A		$2,287,300
Importance Code B	$5,659,700	$3,958,600
Importance Code C	$249,900	$59,500
Total	**$5,909,600**	**$6,305,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,300		$6,100	$9,300
Interior Architecture	$65,600		$47,700	$19,500
Electrical	$47,200	$7,100	$70,200	$6,100
Mechanical	$44,200	$28,900	$94,900	$28,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$197,100**	**$39,900**	**$222,900**	**$67,600**
Importance Code A	$94,600	$17,200	$23,300	$26,500
Importance Code B	$102,600	$22,700	$199,500	$41,200
Importance Code C				
Total	**$197,100**	**$39,900**	**$222,900**	**$67,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$60,200	
Metal Panel	5%			2041	* *	5-10	$21,800	
Windows								
Aluminum	100%			2047	* *	5	$18,600	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$16,500	
Masonry: Limestone	10%			LIFE	* *	5	$2,800	
Metal Rail	15%			2044	* *	5-10	$59,700	
Roof								
Built-Up (BUR)	95%			2031	$2,051,300	10	$175,800	
Copper/Terne	5%			2059	* *	10	$23,100	
Soffits								
Stucco Cement	100%			2036	* *	5	$300	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Main Entry Canopy On South Elevation								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$85,100	
Quarry Tile	5%			2044	* *	5	$19,500	
Terrazzo	5%	4+	$24,300	LIFE	* *	5	$10,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	60%			2039	* *	3	$77,800	
Vinyl Tile 9" X 9"	10%			2026	$4,578,300	3	$9,700	
Wood	5%			2059	* *	5	$24,300	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$14,400	
Folding Partition	5%	Now	$249,900	2047	* *	5	$22,600	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Plaster	55%			LIFE	* *	5	$59,500	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%			2036	* *	5	$88,900	
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout Corridors								
Exposed Struc: Concrete	15%			LIFE	* *	5	$6,000	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2031	$118,800			
Metal Panel	5%			LIFE	* *	5	$15,900	
Plaster	40%			LIFE	* *	5	$63,500	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2031	$10,300	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Fused Knife Sw	80%	2-4	$41,100	2061	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	60%			2041	* *	5	$400	
Fused Disc Sw	10%			2057	* *	5	$100	
Molded Case Bkrs	30%			2031	$87,800	5	$1,300	
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	25%			2047	* *	5	$1,100	
Molded Case Bkrs	65%			2030	$220,500	5	$2,800	
Wiring								
Braided Cloth	85%	2-4	$339,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2057	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	5%			2036	* *	10	$7,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	85%			2039	* *	10	$135,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2036	* *	10	$100	
LED	8%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Lighting Fixtures Installed In 2019.								
Egress Lighting								
Emergency, Battery	40%			2026	$116,400	10	$16,700	
Emergency, Battery	10%			2036	* *	10	$4,200	
Exit, Service	45%			2026	$33,600	1		
Exit, Service	5%			2036	* *	1		
Exterior Lighting								
HID	40%	0-2	$304,700	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fixtures Are Having Frequent Problems And It Is Hard To Determine What Is Wrong.								
No Component	60%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$18,300	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2026	$168,500	1-3	$40,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : System Is Constantly Having Problems And Requires Frequent Repair.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault In Basement								
Explanation : Oil No.2 With A Capacity Of 1,000 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$171,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	50%			2031	$1,630,700	1	$53,600	
Convector/Radiator	45%			2036	* *	1	$25,200	
Fan Coil Unit/Heat	5%			2031	$214,900	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	40%			2036	* *			
Window/Wall Unit	60%			2029	$393,900	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$152,200	LIFE	* *	2-5	$96,600	
Damaged, Extent : Moderate, Area Affected : 2%								
Location : Fan Room Flexible Connections								
Exhaust Fans								
Interior	50%			2031	$384,300	2	$2,700	
Roof	50%	Now	$16,800	2031	$168,100	2	$2,100	
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof Fans 5 And 6								
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2041	* *	1		
Galvanized Steel	75%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$34,700	4	$3,700	
Backflow Preventer								
Generic	100%			2036	* *	1	$10,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : One Unit From Basement To 2nd Floor								
Explanation : 1 Elevator								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2051	* *	1-2	$14,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 73 MINISCHOOL - Q**		
Address	: **70-02 54TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q873**
Program / Asset #	: **BOE1164.000 / 14910**	**Yr Built/Renovated**	: **1992 /**
Area Sq Ft	: **21,589**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **2503** **Lot** : **31**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$232,200
Interior Architecture	$148,200	$848,000
Electrical		$740,200
Mechanical		$1,380,000
Total	**$148,200**	**$3,200,400**
Importance Code A		$428,800
Importance Code B	$148,200	$2,771,600
Total	**$148,200**	**$3,200,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$73,000		$3,600	
Interior Architecture	$44,800		$800	$3,800
Electrical	$28,600	$2,000	$2,100	$2,700
Mechanical	$10,400	$2,500	$5,000	$3,100
Site Pavements	$1,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$162,500**	**$8,500**	**$15,500**	**$13,600**
Importance Code A	$74,400	$700	$5,000	$700
Importance Code B	$45,300	$7,800	$10,500	$12,900
Importance Code C	$42,800			
Total	**$162,500**	**$8,500**	**$15,500**	**$13,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 MINISCHOOL - Q

Asset # : 14910

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$10,900	
Masonry: Brick Cavity	98%			LIFE	* *	5	$68,600	
Painted Surfaces, Extent : Light, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$7,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$7,200	
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$32,800	
Roof								
Modified Bitumen	100%			2033	$232,200	10	$21,200	
Interior								
Floors								
Ceramic Tile	5%			2036	* *	5	$1,600	
Vinyl Tile	95%			2033	$848,000	3	$15,300	
Interior Walls								
Gypsum Board	100%	Now	$40,900	LIFE	* *	5	$35,100	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair Bulkhead And 2nd Floor Connecting Corridor								
Ceilings								
AcousTileConcealSpLn	95%	0-2	$148,200	2038	* *	5	$19,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2038	* *	5	$1,600	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,900	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Entry Steps At Exit 16								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 MINISCHOOL - Q

Asset # : 14910

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$130,000	5	$600	
Raceway								
Conduit	100%			2033	$61,200	1		
Panelboards								
Molded Case Bkrs	100%			2032	$99,800	5	$600	
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	$321,800	10	$19,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$18,100	10	$2,600	
Exit, Battery	50%			2041	* *	10	$700	
Exterior Lighting								
HID	10%	Now	$6,000	2033	$10,100			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof And Building Perimeter								
No Component	90%							
Alarm								
Security System								
Generic	90%			2033	$36,500	1	$7,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	10%			2033	$4,100	1	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : Intrusion Alarm Motion Sensors. Connected To Main Building								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$55,700	1-3	$13,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 MINISCHOOL - Q

Asset # : 14910

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	35%			2043	* *	1		
Natural Gas	65%			2043	* *	1		
Conversion Equipment								
Furnace	65%			2028	$43,700	1	$6,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 3 Units								
Radiant Heater	35%			2028	$196,700	2	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Hallways And Staircases								
Explanation : 20 Units								
Controls								
Electrical	100%			2028	$120,000			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2028	$318,500	1	$10,000	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit On Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2043	* *	4	$1,100	
Terminal Devices								
Fan Coil - 2 Pipe	100%			2028	$658,600	1	$7,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$19,100	
Exhaust Fans								
Interior	90%			2028	$86,200	2	$600	
Roof	10%			2033	$4,200	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Janitors Closet								
Explanation : 50 Gallons. Quantity 1.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 MINISCHOOL - Q

Asset # : 14910

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2033	$9,600	1	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Access Outside By Play Yard Near Electrical Main Closet								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor To 3rd Floor								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 74 - BX**		
Address	: **730 BRYANT AVENUE BTWN: LAFAYETTE AV - SPOFFORD AV**		
Borough	: **BRONX**	**Agency's Number**	: **X074**
Program / Asset #	: **BOE0215.000 / 475**	**Yr Built/Renovated**	: **1974 / 2006**
Area Sq Ft	: **139,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2763** **Lot** : **279**	**BIN**	: **2006566**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$352,300	$110,500
Interior Architecture	$535,600	$3,481,200
Electrical	$151,000	$1,834,100
Mechanical	$1,249,900	$4,601,100
Site Enclosure	$75,800	
Total	**$2,364,600**	**$10,026,900**
Importance Code A	$352,300	$1,373,400
Importance Code B	$1,400,900	$8,653,500
Importance Code C	$611,300	
Total	**$2,364,600**	**$10,026,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,200			$9,100
Interior Architecture	$38,200	$15,800	$31,500	$4,700
Electrical	$4,700	$4,300	$20,000	$3,200
Mechanical	$133,500	$29,500	$93,500	$30,900
Site Enclosure	$27,800			
Site Pavements	$33,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$266,200**	**$57,500**	**$152,800**	**$55,800**
Importance Code A	$37,300	$13,800	$14,100	$22,900
Importance Code B	$212,900	$43,700	$138,800	$33,000
Importance Code C	$16,000			
Total	**$266,200**	**$57,500**	**$152,800**	**$55,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$50,200	
Concrete Masonry Unit	30%			LIFE	* *	5	$18,800	
Masonry: Brick Cavity	60%	0-2	$105,000	LIFE	* *	5	$60,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Corridor, Stair 5								
Windows								
Aluminum	100%			2047	* *	5	$18,200	
Parapets								
Concrete Masonry Unit	35%			LIFE	* *	5	$4,900	
Masonry: Brick Cavity	60%			LIFE	* *	5	$7,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
Roof								
Built-Up (BUR)	95%	Now	$247,300	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Lobby, Lower Roof								
Skylight, Metal/Glass	5%	4+	$20,900	2051	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair A And F								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Actually Smoke Purge Units								
Soffits								
Stucco Cement	100%			2044	* *	5	$600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,000	
Ceramic Tile	2%			2034	* *	5	$4,200	
Ceramic Tile	3%			2044	* *	5	$6,300	
Quarry Tile	2%			2044	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$8,200	
Vinyl Tile	60%			2031	$3,481,200	3	$47,300	
Vinyl Tile	18%			2036	* *	3	$18,900	
Wood	5%	4+	$12,500	2046	* *	5	$9,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Dance Stage								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$10,900	
Ceramic Tile	1%			2044	* *	5	$3,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,300	
Folding Partition	5%	4+	$126,200	2039	* *	5	$22,800	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Masonry: Brick	10%			LIFE	* *			
Metal Panel	11%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$43,700	
SGFT/Glazed Masonry	25%	4+	$409,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exit 7 And 4								
Ceilings								
AcousTile,Adhered	30%			2036	* *	5	$63,000	
AcousTileSusp.Lay-In	5%			2044	* *	5	$10,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Exposed Struc: Concrete	55%			LIFE	* *	5	$18,000	
Plaster	10%			LIFE	* *	5	$13,100	
Site Enclosure								
Fence/Gates								
Chain Link	20%	Now	$8,700	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Play Yard Area								
Iron Picket	80%	Now	$75,800	2066	* *			
Deteriorated Finish, Extent : Severe, Area Affected : 45%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	95%	0-2	$19,100	2066	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Front Of Building								
Explanation : Open Control Joint								
Concrete Masonry Unit	5%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$24,000	2044	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Longfellow Avenue								
On-Site Walkways								
Cast in Place Concrete	70%			2044	* *			
Masonry: Brick	30%			2051	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	80%	2-4	$9,000	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Pavers/Stone	15%			2034	* *			
Rubber Matting	5%			2031	$33,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$600	
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Molded Case Bkrs	85%			2030	$254,500	5	$3,100	
Molded Case Bkrs	5%			2047	* *	5	$200	
Wiring								
Thermoplastic	95%			2031	$379,600	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	20%			2029	$36,300	5	$200	
Motor Control Center	80%			2029	$581,700	5	$3,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$122,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$2,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby First Floor And Library								
LED	2%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$16,800	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2026	$26,100	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria Mechanical Room And Basement								
Explanation : Smoke Detectors, Alarm Bells, Horns, Strobe Lights, Horns, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	$318,900	5	$43,100	
Conversion Equipment								
Steam Boiler	95%			2029	$1,151,000	1	$130,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	5%	0-2	$3,000	2029	$60,600	1	$6,200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Three Tubes On No. 3 Boiler Malfunctioning								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$78,200	2041	* *	4	$6,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement East Side. Re-feed Tank And Vacuum Pump								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement. Compressor Gauge Malfunctioning And Chemical Mixing Tank								

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DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2031	$1,046,300	1	$34,400	
Convector/Radiator	60%			2036	* *	1	$26,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2026	$820,300	1	$25,800	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : Roof								
Split Unit	5%	0-2	$16,500	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 3%								
Location : Ist Floor. 1 Split Unit Malfunctioning								
Window/Wall Unit	30%	0-2	$3,200	2026	$158,000	1		
Other Observation, Extent : Moderate, Area Affected : 4%								
Location : Various								
Explanation : 4 Window Units Malfunctioning								
No Component	25%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2031	$67,400	4	$2,700	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2031	$809,100	1	$34,400	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2026	$120,700	2	$38,700	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,500	
Exhaust Fans								
Interior	40%	0-2	$24,700	2031	$246,600	2	$1,400	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Various Locations. 5 Exhaust Fans Malfunctioning Due To Defective Motor And Belt								
Roof	60%	Now	$48,500	2031	$161,800	2	$2,000	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Noisy/Vibrating, Extent : Severe, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$354,900	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,400	
Sewage Ejector(s)								
Electric	100%			2026	$72,800	4	$5,500	
Fixtures								
Generic	100%							
Leaking Connections, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Boys Bathroom Sink Leaking								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 4th Floor, 1 Unit From 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$70,100	
Sprinkler								
No Component	80%							
Generic	20%			2031	$384,400	1-2	$7,800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 82 - BX**		
Address	: **1700 MACOMBS ROAD @ W.176 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X082**
Program / Asset #	: **BOE0223.000 / 452**	**Yr Built/Renovated**	: **1925 / 2013**
Area Sq Ft	: **107,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2866** **Lot** : **70**	**BIN**	: **2008460**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$701,400	$249,900
Interior Architecture	$1,623,400	$1,866,300
Electrical	$239,300	$878,500
Mechanical	$1,525,400	$1,781,900
Total	**$4,089,500**	**$4,776,600**
Importance Code A	$701,400	$301,300
Importance Code B	$2,911,600	$4,475,200
Importance Code C	$476,500	
Total	**$4,089,500**	**$4,776,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,800			
Interior Architecture	$64,300		$5,500	$21,400
Electrical	$52,200	$10,000	$12,300	$10,100
Mechanical	$151,800	$15,900	$24,300	$15,900
Site Pavements	$14,900			
Elevators/Escalators	$8,300	$8,300	$8,300	$8,300
Total	**$325,200**	**$34,200**	**$50,300**	**$55,800**
Importance Code A	$80,400	$10,600	$10,600	$10,600
Importance Code B	$216,700	$23,600	$36,300	$45,200
Importance Code C	$28,200		$3,400	
Total	**$325,200**	**$34,200**	**$50,300**	**$55,800**

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	9%			LIFE	* *	5	$229,300	
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : Entire Perimeter Of Building At Grade Level								
Masonry: Brick	83%			LIFE	* *	5	$270,600	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout Building Perimeter								
Masonry: Granite	5%			LIFE	* *	5	$12,200	
Repairs in Progress, Extent : N/A, Area Affected : 30%								
Location : Entire Perimeter Of Building At Grade Level								
Metal Panel	3%			2053	* *	5-10	$33,600	
Windows								
Aluminum	95%	Now	$451,400	2049	* *	5	$23,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Louvers	5%	Now	$27,600	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Rooftop Bulkhead								
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$44,100	
Ceramic Tile	5%			2042	* *	5	$10,100	
Marble Panels	5%			LIFE	* *	5	$15,100	
Vinyl Tile	60%	Now	$668,000	2038	* *	3	$45,300	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Throughout Various Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout Various Classrooms								
Vinyl Tile 9" X 9"	5%			2033	$1,778,200	3	$5,000	
Wood	20%			2048	* *	5	$75,600	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *	10	$86,000	
Ceramic Tile	3%			2036	* *	5	$6,900	
Marble Panels	2%			LIFE	* *	10	$1,800	
Plaster	70%	Now	$390,500	LIFE	* *	5	$48,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair 8, 5th Floor Classrooms, Gymnasium And Offices								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Stair H								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$11,500	

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	2%			2046	* *	5	$4,000	
Exposed Struc: Concrete	23%			LIFE	* *	5-10	$57,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$20,100	
Plaster	70%	Now	$428,300	LIFE	* *	5	$88,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Stair 8, Gymnasium And Offices								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair 8, Throughout 5th Floor Classrooms, Gymnasium And Offices								
Paint Peeling, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	25%			2068	* *			
Under Construction	25%							
Free Standing Walls								
Under Construction	100%							
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	35%			2042	* *			
Cast in Place Concrete	25%			2038	* *			
Masonry: Granite	2%	Now	$14,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Stairs At Entrance								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairs At Main Entrance								
Explanation : This Is Actually Marble								
Under Construction	38%							
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	100%			2033	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$2,500	
Wiring								
Braided Cloth	70%	2-4	$239,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$600	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$88,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$89,800	10	$12,900	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
Generic	80%			2038	* *	1	$32,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Generic	20%	Now	$40,200	2043	* *	1	$7,200	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$65,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$12,300	2053	* *	1		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement Gasoline Service Is Off								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Using No.2 Oil								
Conversion Equipment								
Steam Boiler	100%	Now	$46,600	2038	* *	1	$95,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Two Plugged Tubes Due To Leakages								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Pneumatic Controls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$42,800	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. 5 Percent Leakages								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. 5 Percent Steam Traps Malfunctioning.								
Terminal Devices								
Air Handler	20%	Now	$402,700	2043	* *	1	$11,900	
Broken, Extent : Severe, Area Affected : 20%								
Location : Basement And 5th Floor Mechanical Room								
Convector/Radiator	60%	Now	$52,500	2038	* *	1	$18,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fan Coil Unit/Heat	20%	Now	$530,600	2043	* *	1	$6,200	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Broken, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	50%	0-2	$40,500	2028	$202,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 10 Percent Is Not Working In Various Locations								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$235,000	LIFE	* *	2-5	$59,700	
Broken, Extent : Severe, Area Affected : 10%								
Location : Fan Room								
Exhaust Fans								
Interior	50%	Now	$237,300	2043	* *	2	$1,300	
Broken, Extent : Severe, Area Affected : 50%								
Location : Basement And Fan Room								
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Penthouse. Gymnasium And Bathroom Exhaust Are Not Working								
Interior	20%			2028	$94,900	2	$700	
Roof	30%			2033	$62,300	2	$1,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2031	$1,366,000	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 175 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$67,400	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Valves In Basement								
Storm Drain Piping								
Under Construction	100%							
Sump Pump(s)								
Non-Submersible	100%	Now	$6,400	2028	$21,400	4	$2,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Floats Are Not Working In Basement								
Sewage Ejector(s)								
Electric	100%			2028	$56,000	4	$6,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : For Laboratory Rooms								
Backflow Preventer								
Generic	100%			2038	* *	1	$6,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 10 Percent Is Not Working								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : One Elevator Unit, 2 Wheelchair Lifts One Broken								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I. S. 84 - BX**		
Address	: **1434 LONGFELLOW AVENUE BTWN: JENNINGS ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X084**
Program / Asset #	: **BOE0225.000 / 444**	**Yr Built/Renovated**	: **1972 / 2006**
Area Sq Ft	: **164,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3007** **Lot** : **8**	**BIN**	: **2010910**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$115,800	$262,200
Interior Architecture	$283,800	$110,600
Electrical	$54,400	$3,883,200
Mechanical	$635,700	$7,378,500
Site Pavements	$175,300	
Total	**$1,265,000**	**$11,634,600**
Importance Code A	$115,800	$287,900
Importance Code B	$1,072,000	$11,346,700
Importance Code C	$77,300	
Total	**$1,265,000**	**$11,634,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$72,400		$6,000	
Interior Architecture	$192,100		$70,800	$4,700
Electrical	$38,600	$26,700	$32,800	$28,300
Mechanical	$54,400	$35,900	$50,600	$38,300
Site Pavements	$15,600			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$384,900**	**$74,500**	**$172,000**	**$83,100**
Importance Code A	$88,600	$16,200	$22,200	$16,200
Importance Code B	$140,000	$58,300	$149,800	$62,200
Importance Code C	$156,300			$4,700
Total	**$384,900**	**$74,500**	**$172,000**	**$83,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$68,100	
Masonry: Brick	85%			LIFE	* *	5	$231,500	
Metal Panel	10%			2043	* *	5-10	$93,600	
Windows								
Aluminum	97%			2049	* *	5	$19,500	
Metal Louvers	3%			2036	* *	10	$3,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$11,500	
Masonry: Brick	85%			LIFE	* *	5-10	$23,600	
Metal Rail	5%			2046	* *	5-10	$3,700	
Roof								
Copper/Terne	5%			2048	* *	10	$13,100	
Modified Bitumen	75%			2041	* *	10	$78,400	
Panel/Paver: Cer/Brk	10%			2043	* *	10	$13,900	
Single Ply Membrane	10%			2038	* *	10	$10,400	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$103,300	
Ceramic Tile	5%			2036	* *	5	$11,800	
Mosaic Tile	3%			2038	* *	5	$17,700	
Quarry Tile	5%			2046	* *	5	$17,700	
Vinyl Tile	70%			2038	* *	3	$62,000	
Wood	7%	Now	$19,700	2048	* *	5	$15,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium And Auditorium Stage								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$39,000	
Ceramic Tile	3%			2042	* *	5	$9,400	
Concrete Masonry Unit	7%			LIFE	* *	5	$17,500	
Masonry: Brick	5%			LIFE	* *	10	$4,700	
Mosaic Tile	2%			LIFE	* *	10	$3,900	
Plaster	45%			LIFE	* *	5-10	$119,400	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$46,800	
Wood	3%			LIFE	* *	5	$74,900	
Ceilings								
AcousTile,Adhered	30%			2046	* *	5	$70,800	
AcousTileSusp.Lay-In	5%			2038	* *	5	$11,800	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$29,500	
Fiber Board	3%			2038	* *			
Gypsum Board	10%			LIFE	* *	5-10	$81,100	
Metal Panel	2%			LIFE	* *	5	$11,800	
Plaster	40%			LIFE	* *	5-10	$162,300	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$175,300	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Longfellow Avenue								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Longfellow Avenue And Jennings Street								
On-Site Walkways								
Cast in Place Concrete	60%			2050	* *			
Cast in Place Concrete	30%			2038	* *			
Masonry: Granite	10%	Now	$15,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : At Multiple Entry Stairs								
Parking/Driveway								
Asphalt	95%			2036	* *			
Cast in Place Concrete	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$25,700	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 800 Ampere Switches And Two Without Name Plates								
Fused Disc Sw	50%			2053	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$234,100	5	$600	
Fused Disc Sw	20%			2053	* *	5	$100	
Raceway								
Conduit	95%			2033	$274,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$400	
Fused Disc Sw	5%			2049	* *	5	$200	
Molded Case Bkrs	65%			2032	$220,500	5	$2,800	
Molded Case Bkrs	20%			2049	* *	5	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	80%			2033	$319,600	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%	4+	$54,400	2031	$181,400	5	$600	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%	4+	$5,200	LIFE	* *	5	$2,400	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$50,500	
Generators								
Diesel	100%			2036	* *	1	$63,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 288 Kilovolt Amperes, 230 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$6,100	
Fuel Storage								
Day Tank	50%			2032	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 30 Gallons								
Main Tank	50%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	86%			2033	$2,102,500	10	$129,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	2%			2028	$48,900	10	$3,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance Lobby								
Incandescent	2%			2028	$90,900	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Entrance Lobby								
Explanation : Halogen Lights								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Observed								
Egress Lighting								
Emergency, Service	25%			2033	$25,300	1		
Emergency, Battery	25%			2033	$68,800	10	$9,900	
Exit, LED	40%			2048	* *	1		
Exit, Service	10%			2033	$7,100	1		
Exterior Lighting								
HID	20%			2028	$153,000	10	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Timer								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,100	
Alarm								
Security System								
Generic	100%			2038	* *	1	$61,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System Only								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$101,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Under Repair Due To Smoke Detector Malfunction								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$50,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 15,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$162,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$53,000	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	85%	0-2	$205,700	2033	$2,056,600	1	$58,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof. Two Chiller Pumps Are Malfunctioning. Efficiency Drastically Reduced								
R-22 Refrigerant, Extent : Moderate, Area Affected : 80%								
Location : Mechanical Room								
Split Unit	10%	Now	$389,400	2043	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : On Extended Life								
Split Unit	5%			2033	$194,700			
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2043	* *	4	$6,500	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2033	$636,400	1	$20,300	
Fan Coil - 2 Pipe	80%			2033	$4,002,500	1	$42,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$144,800	
Exhaust Fans								
Interior	20%			2033	$145,500	2	$1,000	
Roof	80%	0-2	$12,700	2028	$254,600	2	$3,200	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof. Two Exhaust Fan Motors Broken								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2031	$88,300	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%			2033	$16,400	4	$2,600	
Submersible	50%			2026	$2,500	4	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit, Basement To 4th Floor. One Unit, Basement To 1st Floor. One Freight, Basement To 3rd Floor								
Explanation : Three Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$4,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I.S. 131 M / PACE HS / EMMA LAZARUS HS**		
Address	: **100 HESTER STREET @ FORSYTHE ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M131**
Program / Asset #	: **BOE0078.000 / 1724**	**Yr Built/Renovated**	: **1983 / 2015**
Area Sq Ft	: **216,685**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Nov-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,Ph**		
Block	: **301** **Lot** : **3**	**BIN**	: **1082489**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$165,500	$141,900
Interior Architecture	$592,600	$6,578,900
Electrical	$555,900	$6,226,300
Mechanical	$3,634,400	$5,468,200
Total	**$4,948,400**	**$18,415,300**
Importance Code A	$165,500	$2,133,400
Importance Code B	$4,782,900	$16,281,900
Total	**$4,948,400**	**$18,415,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,600		$13,200	$10,800
Interior Architecture	$46,400	$32,400	$65,600	$9,300
Electrical	$16,800	$5,800	$118,700	$3,500
Mechanical	$110,800	$43,500	$198,300	$49,400
Site Pavements	$51,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$251,300**	**$89,600**	**$403,700**	**$80,900**
Importance Code A	$39,100	$21,500	$35,100	$32,200
Importance Code B	$165,800	$68,100	$368,600	$39,400
Importance Code C	$46,400			$9,300
Total	**$251,300**	**$89,600**	**$403,700**	**$80,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I.S. 131 M / PACE HS / EMMA LAZARUS HS
Asset # : 1724

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	72%			LIFE	* *	5	$91,200	
Masonry: Brick Cavity	25%			LIFE	* *	5	$50,700	
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Entry Vestibule								
Metal Panel	3%			2041	* *	5-10	$41,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Mechanical Enclosures								
Windows								
Aluminum	100%			2047	* *	5	$21,600	
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5	$9,300	
Masonry: Brick	40%			LIFE	* *	5	$7,300	
Metal Panel	5%			2051	* *	5	$3,500	
Metal: Cage/Fence	2%			2044	* *	5-10	$2,800	
Pre-Cast Concrete	8%			LIFE	* *	5	$9,200	
Roof								
Built-Up (BUR)	60%			2036	* *	10	$104,500	
Metal Panel	5%			2044	* *	10	$16,000	
Modified Bitumen	35%			2036	* *	10	$61,000	
Soffits								
Stucco Cement	100%			2036	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$35,500	
Ceramic Tile	3%			2040	* *	5	$9,700	
Panel/Paver: Cer/Brk	17%			2047	* *	5	$124,100	
Sheet Vinyl/Rubber	2%			2031	$424,400	5	$9,700	
Sheet Vinyl/Rubber	3%			2036	* *	5	$14,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium In Basement								
Explanation : This Is Actually An Interlocking Resilient Tile Finish								
Vinyl Tile	68%			2031	$6,092,500	3	$82,700	
Wood	2%			2046	* *	5	$12,200	
Interior Walls								
Concrete Masonry Unit	10%	4+	$46,400	LIFE	* *	5	$9,900	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Folding Partition	3%			2047	* *	5	$18,500	
Masonry: Brick	15%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$29,600	
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	2%			LIFE	* *	5	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Wood Paneling								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I.S. 131 M / PACE HS / EMMA LAZARUS HS
Asset # : 1724

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2036	* *	5	$78,900	
AcousTile,Adhered	5%	Now	$152,300	2051	* *	5	$7,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
AcousTileSusp.Lay-In	5%			2036	* *	5	$15,800	
Exposed Struc: Concrete	40%	Now	$378,200	LIFE	* *	5	$19,700	
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Stair Landing - Basement - South West Entry Vestibule Above								
Metal Panel	5%			LIFE	* *	5	$19,700	
Plaster	20%			LIFE	* *	5	$39,400	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	30%			2051	* *			
Iron Picket	70%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$42,100	2036	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Sidewalks Adjacent To Hester And Eldridge Streets								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	100%	0-2	$9,700	2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Play Yard								
Explanation : Asphalt Topping Needs Re-surfacing								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$102,800	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere, One 2,000 Ampere Main Disconnect Switch And One 400 Ampere Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I.S. 131 M / PACE HS / EMMA LAZARUS HS
Asset # : 1724

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$520,200	5	$700	
Fused Disc Sw	20%			2051	* *	5	$200	
Raceway								
Conduit	95%			2031	$640,600	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$500	
Molded Case Bkrs	80%			2030	$510,900	5	$4,600	
Molded Case Bkrs	10%			2047	* *	5	$600	
Wiring								
Thermoplastic	95%			2031	$853,600	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$362,900	5	$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	80%			2031	$2,584,100	10	$159,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	5%	4+	$12,800	2031	$128,300			
Inadequate Lighting Level, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Incandescent	5%	4+	$60,000	2031	$300,200	2	$200	
Inadequate Lighting Level, Extent : Moderate, Area Affected : 50%								
Location : Stairwells And Bulkhead Mechanical Room								
LED	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$181,900	10	$26,200	
Exit, Service	50%			2026	$46,700	1		
Exterior Lighting								
HID	20%			2026	$202,200	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
I.S. 131 M / PACE HS / EMMA LAZARUS HS
Asset # : 1724

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	90%							
Generic	10%			2026	$40,700	1	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Entries								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$111,800	1-3	$26,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$67,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 15,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2029	$1,888,700	1	$214,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Three No.2 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	10%	0-2	$34,700	2041	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Piping At Blowers								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 1 Of 2 Boiler Feed Pumps Leaking. Basement.								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Thermostatic Traps At Radiators Throughout.								
Steam Piping/Pump	90%			2041	* *			
Terminal Devices								
Air Handler	30%			2031	$1,223,300	1	$40,200	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout								
Explanation : Defective Climate Control System								
Convector/Radiator	70%			2029	$1,240,300	1	$49,000	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout Classroms								
Explanation : Defective Climate Control System								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040
I.S. 131 M / PACE HS / EMMA LAZARUS HS
Asset # : 1724

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2026	$959,000	1	$30,200	
R-22 Refrigerant, Extent : Light, Area Affected : 50%								
Location : Penthouse Mechanical Equipment Room								
Split Unit	2%			2031	$102,900			
Window/Wall Unit	60%			2026	$492,500	1		
No Component	8%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2031	$96,700	4	$3,200	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2026	$1,160,400	1	$40,200	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2026	$274,500	2	$45,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$120,800	
Exhaust Fans								
Interior	30%			2026	$288,300	2	$2,000	
Roof	70%			2026	$294,300	2	$4,600	
Plumbing								
H/C Water Piping								
Brass/Copper	5%	2-4	$83,500	2061	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main And Basement								
Brass/Copper	95%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%	2-4	$300	2026	$17,100	2		
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : One Tank In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 980 Gallon Tanks								
Sanitary Piping								
Cast Iron	5%	Now	$81,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast Iron	95%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
I.S. 131 M / PACE HS / EMMA LAZARUS HS
Asset # : 1724

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	5%	Now	$22,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Roof Drains								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$43,400	4	$4,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room Pit								
Sewage Ejector(s)								
Electric	100%			2031	$113,500	4	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement North And South								
Explanation : Two Units. South Unit Recently Replaced								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Freight Unit From Basement To 1st Floor, 1 Passenger Unit From Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$109,200	
Sprinkler								
No Component	75%							
Generic	25%			2031	$749,100	1-2	$15,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I.S. 171 / I.S. 760 - BK**		
Address	: **528 RIDGEWOOD AVENUE BTWN: LINCOLN AVE - NICHOLS AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K171**
Program / Asset #	: **BOE0470.000 / 1337**	**Yr Built/Renovated**	: **1912 / 2002**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4**		
Block	: **4134** **Lot** : **20**	**BIN**	: **3092456**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$454,800	$128,000
Interior Architecture	$1,196,400	$124,200
Electrical	$411,500	$699,800
Mechanical	$500,600	$688,700
Total	**$2,563,200**	**$1,640,600**
Importance Code A	$454,800	$128,000
Importance Code B	$1,551,700	$1,456,300
Importance Code C	$556,800	$56,300
Total	**$2,563,200**	**$1,640,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,500		$55,800	$18,800
Interior Architecture	$86,700			$8,300
Electrical	$7,000	$2,600	$60,200	$1,900
Mechanical	$110,600	$14,900	$19,700	$15,900
Site Pavements	$18,800			
Total	**$224,600**	**$17,500**	**$135,600**	**$44,900**
Importance Code A	$38,900	$8,500	$64,500	$27,300
Importance Code B	$178,600	$9,000	$71,100	$17,600
Importance Code C	$7,100			
Total	**$224,600**	**$17,500**	**$135,600**	**$44,900**

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DEPARTMENT OF EDUCATION - 040

I.S. 171 / I.S. 760 - BK

Asset # : 1337

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	2%			2066	* *	10	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bulkhead Stair								
Explanation : Copper Wall Panels At Roof Access								
Masonry: Brick	93%	Now	$210,700	LIFE	* *	5	$128,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : East And West Stairs By Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : East And West Stairs By Auditorium								
Masonry: Limestone	5%	Now	$108,400	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Windows								
Aluminum	11%	Now	$135,700	2047	* *	5	$2,400	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Classrooms With Window Unit Air Conditioning								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Classrooms With Window Unit Air Conditioning								
Explanation : Air Conditioning Units Poorly Installed In New Windows								
Aluminum	87%			2047	* *	5	$37,500	
Metal Louvers	2%			2040	* *	10	$5,400	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$17,100	
Pre-Cast Concrete	5%	Now	$1,500	LIFE	* *	5	$5,600	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout Upper Roof								
Roof								
Copper/Terne	5%			2059	* *	10	$6,500	
Modified Bitumen	95%			2036	* *	10	$49,300	
Interior								

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DEPARTMENT OF EDUCATION - 040

I.S. 171 / I.S. 760 - BK

Asset # : 1337

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,000	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Mosaic Tile	5%	Now	$31,100	2036	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Toilets Throughout								
Marble Panels	3%			LIFE	* *	5	$3,000	
Quarry Tile	5%			2044	* *	5	$9,900	
Terrazzo	5%	4+	$12,400	LIFE	* *	5	$5,200	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Traffic Topping	10%	Now	$189,600	2041	* *	5	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : All Purpose Rooms On In Basement								
Vinyl Tile	40%	Now	$73,200	2036	* *	3	$19,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor								
Vinyl Tile 9" X 9"	10%	Now	$116,900	2041	* *	3	$5,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Offices Throughout								
Wood	12%	Now	$94,800	2046	* *	5	$14,900	
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : At Radiators In Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

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DEPARTMENT OF EDUCATION - 040

I.S. 171 / I.S. 760 - BK

Asset # : 1337

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$137,700	2034	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Gypsum Board	5%			LIFE	* *	5	$7,500	
Masonry: Brick	4%	Now	$190,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout Boiler Room								
Masonry: Brick	6%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	75%	Now	$228,400	LIFE	* *	5	$56,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : East And West Stairs By Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East And West Stairs By Auditorium								
Ceilings								
Exposed Struc: Concrete	10%	Now	$38,300	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : East And West Stairs By Auditorium								
Gypsum Board	5%			LIFE	* *	5	$8,000	
Plaster	85%	Now	$165,100	LIFE	* *	5	$67,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 310, 410 And Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2051	* *			
Iron Picket	75%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,700	2044	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : At Tree Pits Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$7,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Steps To Play Yard								
Activity Yard								
Asphalt	75%			2040	* *			
Rubber Matting	25%			2036	* *			

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DEPARTMENT OF EDUCATION - 040

I.S. 171 / I.S. 760 - BK

Asset # : 1337

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	100%			2031	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Knife Sw	2%	2-4	$4,800	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Electrical Room								
Molded Case Bkrs	78%			2030	$186,800	5	$1,800	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	65%	2-4	$189,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2041	* *	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$83,600	5	$400	
Locally Mounted	30%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	88%			2036	* *	10	$69,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2026	$47,700	2		
LED	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$72,200	10	$10,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$80,300	10	$100	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

I.S. 171 / I.S. 760 - BK

Asset # : 1337

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$10,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 10,000-gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$37,500	2036	* *	1	$76,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Combustion Air Damper Linkages. Sub-basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$13,800	2031	$688,700			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Steam Traps Throughout								
Terminal Devices								
Air Handler	20%			2036	* *	1	$10,600	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Sub-basement								
Explanation : Heating And Cooling Split Units Serve Gymnasium And Auditorium.								
Convector/Radiator	80%	Now	$28,100	2036	* *	1	$20,000	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Non-calibration With Thermostats Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040

I.S. 171 / I.S. 760 - BK

Asset # : 1337

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2026	$97,700	1		
Other Observation, Extent : Light, Area Affected : 20%								
Location : 3rd And 4th Floors, Various Locations								
Explanation : Inadequate Voltage Provided For Units To Operate.								
Window/Wall Unit	30%			2024	$97,700	1		
No Component	20%							
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Sub-basement								
Explanation : See Heating Terminal Devices								
Heat Rejection								
Air Cooled Condenser Unit	20%			2031	$39,800	2	$12,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,000	
Exhaust Fans								
Interior	80%			2026	$305,100	2	$2,100	
Roof	10%			2036	* *	2	$300	
Wall Unit	10%			2036	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	30%	0-2	$6,600	2041	* *	1		
Noisy/Vibrating, Extent : Severe, Area Affected : 100%								
Location : 1 Of 2 Hot Water Circulating Pumps. Sub-basement								
Galvanized Steel	70%	Now	$15,400	2036	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Explanation : Main Water Service Line Corroding. Main Service Valve Stuck.								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 200-gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,100	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Explanation : Retention Basins Back Up Into Sub-basement When It Rains.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 171 / I.S. 760 - BK

Asset # : 1337

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	50%			2031	$8,600	4	$900	
Non-Submersible	50%			2031	$8,600	4	$900	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Sub-basement							
	Explanation : 2 Units For Storm Water Ejection.							
Backflow Preventer								
Generic	100%			2036	* *	1	$5,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2051	* *	1-2	$1,200	
Chemical System								
No Component	99%							
Generic	1%			2024	$800	1-3	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **I.S. 198 - Q P. S. 333 - Q**
Address : **3-65 BEACH 56 STREET @BEACH CHANNEL DRIVE**
Borough : **QUEENS** **Agency's Number** : **Q198**
Program / Asset # : **BOE0839.000 / 1499** **Yr Built/Renovated** : **1955 / 2008**
Area Sq Ft : **116,000** **Project Type** : **EDUCATION**
Date of Survey : **07-Feb-2020** **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1,2,3,4**
Block : **15894** **Lot** : **11** **BIN** : **4301929**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,244,200	$115,100
Interior Architecture	$721,600	$65,700
Electrical	$458,900	$706,600
Mechanical		$2,831,000
Site Pavements		$89,300
Total	**$2,424,700**	**$3,807,600**
Importance Code A	$1,244,200	$115,100
Importance Code B	$1,090,600	$3,692,500
Importance Code C	$90,000	
Total	**$2,424,700**	**$3,807,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$87,900		$12,000	$8,100
Interior Architecture	$95,500		$9,600	$15,300
Electrical	$12,500	$13,300	$30,500	$11,500
Mechanical	$51,300	$35,400	$60,300	$34,300
Site Enclosure	$400			
Site Pavements	$53,000			
Total	**$300,500**	**$48,700**	**$112,400**	**$69,200**
Importance Code A	$99,400	$11,500	$23,700	$19,600
Importance Code B	$135,400	$37,200	$88,700	$49,600
Importance Code C	$65,700			
Total	**$300,500**	**$48,700**	**$112,400**	**$69,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 198 - Q P. S. 333 - Q

Asset # : 1499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$473,700	LIFE	* *	5	$115,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : South Corner At 56th Street								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkhead								
Repointing Failure, Extent : Severe, Area Affected : 5%								
Location : South Corner Rear At Parking Area Courtyard, Gaps At Lintels On Entire Facades								
Vertical Cracks, Extent : Severe, Area Affected : 1%								
Location : South Corner At 57th Street								
Metal Panel	5%			2051	* *	5-10	$43,900	
Metal Sect. OHD	2%			2044	* *	5	$8,000	
Granite Panels	3%			LIFE	* *	5	$2,900	
Windows								
Aluminum	93%			2047	* *	5	$16,300	
Aluminum	5%	Now	$41,700	2056	* *	5	$400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Grilles At Cafeteria								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Room 102, Cafeteria And Kitchen								
Metal Louvers	2%			2040	* *	10	$2,200	
Parapets								
Masonry: Brick	95%	Now	$29,600	LIFE	* *	5	$11,700	
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%	4+	$1,000	LIFE	* *	5	$3,900	
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Coping Stones								
Roof								
Built-Up (BUR)	100%	Now	$770,500	2041	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : All Roofs								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Main Roof And Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stair D4, Main Roof In Rooms 421, 418, 410, 342, 302, 301, 209, Fourth Floor Corridor And Cafeteria Roof								
Soffits								
Cast in Place Concrete	100%	Now	$11,600	LIFE	* *	5	$9,800	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : All Soffits								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Soffits At 56th Street Ground Level								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 198 - Q P. S. 333 - Q

Asset # : 1499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$14,900	LIFE	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Electrical Room On First Floor								
Cast in Place Concrete	5%			LIFE	* *	5	$19,200	
Ceramic Tile	5%			2034	* *	5	$8,800	
Terrazzo	5%			LIFE	* *	5	$6,800	
Vinyl Tile	50%	0-2	$120,900	2036	* *	3	$32,800	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridors								
Vinyl Tile 9" X 9"	20%	0-2	$309,100	2041	* *	3	$13,100	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Offices								
Wood	10%	0-2	$20,900	2046	* *	5	$16,400	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Auditorium Stage								
Interior Walls								
Cast in Place Concrete	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room Walls And Columns								
Explanation : Cast Concrete And Concrete Block								
Ceramic Tile	5%	0-2	$18,500	2034	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Folding Partition	5%	Now	$18,600	2039	* *	5	$8,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Hardware At Hinges And Track Broken								
Glazed Ceramic Panel	3%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Plaster	55%	0-2	$90,000	LIFE	* *	5	$22,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Fourth Floor And Bulkheads								
Vertical Cracks, Extent : Light, Area Affected : 1%								
Location : Auditorium								
SGFT/Glazed Masonry	20%			LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Cafeteria								
Wood	1%	4+	$800	LIFE	* *	5	$5,400	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 198 - Q P. S. 333 - Q

Asset # : 1499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2044	* *	5	$8,800	
AcousTileSusp.Lay-In	9%	4+	$13,100	2036	* *	5	$7,900	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	11%			2036	* *	5	$19,300	
Exposed Struc: Concrete	10%	2-4	$52,500	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Mechanical Rooms								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	56%	Now	$149,100	LIFE	* *	5	$61,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stair D4, Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stair D4, Throughout								
Plaster	4%			LIFE	* *	5	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen, Teachers Lounge And Offices On First Floor								
Explanation : Popcorn Ceiling Texture								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2051	* *			
Iron Picket	15%			2051	* *			
Retaining Walls								
Cast in Place Concrete	20%			2051	* *			
Masonry: Brick	80%	Now	$400	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Beach Channel Drive Wall At Edges And Corners								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$14,000	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 56th Street								
Tripping Hazard, Extent : Severe, Area Affected : 1%								
Location : 57th Street Sidewalk, Half Inch To One Inch Change In Level At One Paver								
On-Site Walkways								
Asphalt	15%			2034	* *			
Cast in Place Concrete	80%			2044	* *			
Cast in Place Concrete	5%	Now	$400	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Beach Channel Drive Steps								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Beach Channel Drive Steps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I.S. 198 - Q P. S. 333 - Q
Asset # : 1499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	70%			2044	* *			
Cast in Place Concrete	30%	Now	$27,500	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Top Surface Of Driveway At Beach Channel Drive								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Beach Channel Drive								
Activity Yard								
Asphalt	40%	Now	$4,300	2034	* *			
Ponding, Extent : Severe, Area Affected : 25%								
Location : Jungle Gymnasium Play Area								
Pavers/Stone	25%	Now	$6,800	2034	* *			
Ponding, Extent : Severe, Area Affected : 20%								
Location : Play Area Next To Jungle Gymnasium								
Rubber Matting	35%			2031	$89,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Transformers								
Dry Type	100%			2044	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kilovolt-amperes 277/480 Volts								
Switchgear / Switchboard								
Fused Disc Sw	90%			2051	* *	5	$400	
Molded Case Bkrs	10%			2051	* *	5	$300	
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	90%			2030	$215,500	5	$2,700	
Molded Case Bkrs	5%			2047	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$273,500	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 198 - Q P. S. 333 - Q

Asset # : 1499

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2029	$18,100	5	$100	
Locally Mounted	30%			2044	* *	5	$200	
Motor Control Center	50%			2044	* *	5	$1,600	
Variable Frequency Drive	10%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$35,700	
Generators								
Natural Gas	100%			2044	* *	1	$44,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Rating Capacity								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$104,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2031	$17,300	10	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
LED	1%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$14,000	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	15%			2031	$81,200	10	$100	
HID	15%	Now	$81,200	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Not Functional								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$65,300	1	$13,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 198 - Q P. S. 333 - Q

Asset # : 1499

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$89,800	1-3	$21,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$114,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	20%			2057	* *			
Steam Piping/Pump	80%			2041	* *			
Terminal Devices								
Air Handler	20%			2039	* *	1	$14,400	
Air Handler	30%			2031	$654,900	1	$21,500	
Convector/Radiator	50%			2036	* *	1	$18,700	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Absorption Chiller/Direct Fire	80%			2036	* *	1	$100,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Air Conditioning Room								
Explanation : 2 Units								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2057	* *	4	$6,900	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2036	* *	1	$14,400	
Air Handler/Cool/Ht	30%			2031	$540,200	1	$21,500	
Fan Coil - 2 Pipe	30%			2031	$849,300	1	$11,200	
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 198 - Q P. S. 333 - Q

Asset # : 1499

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cooling Tower	80%			2032	$375,000	2	$93,400	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$32,300	
Ductwork/Diffusers	50%			LIFE	* *	2-5	$32,300	
Exhaust Fans								
Interior	80%			2031	$411,600	2	$2,800	
Roof	20%			2036	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2039	* *	1	$7,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2041	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I.S. 301 - BX**		
Address	: **890 CAULDWELL AVENUE @ E.161 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X120**
Program / Asset #	: **BOE0260.000 / 419**	**Yr Built/Renovated**	: **1955 / 2003**
Area Sq Ft	: **115,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2631** **Lot** : **48**	**BIN**	: **2004496**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,385,100	$1,616,100
Interior Architecture	$698,600	
Electrical	$289,300	$586,900
Mechanical	$562,100	$850,200
Site Enclosure	$113,200	
Total	**$3,048,300**	**$3,053,200**
Importance Code A	$1,685,800	$1,616,100
Importance Code B	$784,300	$1,437,200
Importance Code C	$578,200	
Total	**$3,048,300**	**$3,053,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,600			$39,300
Interior Architecture	$64,300		$11,300	$18,100
Electrical	$2,000	$2,800	$69,700	$2,600
Mechanical	$63,400	$22,200	$42,800	$16,600
Site Pavements	$16,700			
Total	**$206,000**	**$25,100**	**$123,800**	**$76,600**
Importance Code A	$59,600	$11,400	$11,600	$50,700
Importance Code B	$142,900	$13,700	$112,100	$25,900
Importance Code C	$3,500			
Total	**$206,000**	**$25,100**	**$123,800**	**$76,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 301 - BX

Asset # : 419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$1,195,400	LIFE	* *	5	$145,200	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : All Facades								
Masonry: Limestone	5%	2-4	$127,000	LIFE	* *	5	$6,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : All Facades								
Metal/Glass Curt Wall	3%			LIFE	* *	5	$9,100	
Marble Panels	2%			LIFE	* *	5	$2,400	
Windows								
Aluminum	95%			2047	* *	5	$42,100	
Metal Louvers	5%			2040	* *	10	$13,800	
Parapets								
Masonry: Brick	70%	4+	$40,500	LIFE	* *	5	$16,000	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Parapet Wall								
Masonry: Limestone	5%	4+	$14,200	LIFE	* *	5	$1,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 90%								
Location : Main Roof Coping Stones								
Metal Rail	25%			2044	* *	5-10	$103,200	
Roof								
Built-Up (BUR)	93%			2031	$1,354,800	10	$116,100	
Copper/Terne	3%	4+	$4,900	2046	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkhead								
Roll Roofing	2%			2027	$16,200	5	$4,200	
Skylight, Metal/Glass	2%			2041	* *	10	$8,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,800	
Mosaic Tile	5%			2036	* *	5	$22,700	
Terrazzo	5%			LIFE	* *	5	$7,100	
Vinyl Tile	80%			2036	* *	3	$72,600	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	3%	4+	$16,200	2059	* *	5	$5,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Classrooms 120,203,220,302,303 And Stage								
Wood	2%	Now	$10,800	2059	* *	5	$3,400	
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 301 - BX

Asset # : 419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$7,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,700	
Folding Partition	2%	Now	$387,800	2056	* *	5	$5,800	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Marble Panels	2%			LIFE	* *			
Plaster	68%	Now	$77,200	LIFE	* *	5	$47,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Stair C								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$233,600	2044	* *	5	$18,100	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Corridors								
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Corridors								
AcousTileSusp.Lay-In	5%			2044	* *	5	$9,100	
Recent Installation, Extent : N/A, Area Affected : 5%								
Location : Gymnasium								
Exposed Struc: Concrete	65%			LIFE	* *	5	$18,400	
Plaster	10%	Now	$11,000	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$113,200	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Perimeter Of Building								
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	98%			2044	* *			
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Asphalt	100%	4+	$16,700	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 301 - BX

Asset # : 419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$500	
Raceway								
Conduit	85%			2031	$207,200	1		
Conduit	15%			2041	* *	1		
Panelboards								
Fused Disc Sw	7%			2030	$16,800	5	$200	
Fused Disc Sw	3%			2039	* *	5	$100	
Molded Case Bkrs	40%			2030	$95,800	5	$1,200	
Molded Case Bkrs	50%			2039	* *	5	$1,500	
Wiring								
Thermoplastic	70%			2041	* *	1		
Thermoplastic	30%			2031	$102,600	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$103,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	40%			2036	* *	10	$11,100	
Emergency, Battery	10%			2026	$19,300	10	$2,800	
Exit, Service	30%			2036	* *	1		
Exit, Service	20%			2026	$9,900	1		
Exterior Lighting								
HID	20%			2026	$107,300	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$43,200	1	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only Which Include Motions Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 301 - BX

Asset # : 419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$59,300	2041	* *	1-3	$12,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Manual Pull Station And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$35,600	
Conversion Equipment								
Steam Boiler	100%	Now	$300,700	2036	* *	1	$102,500	
Insul. Deteriorating, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement								
Explanation : 3 Units. Boilers Have Equalizer Problem								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	20%			2031	$432,800	1	$14,200	
Convector/Radiator	80%	Now	$15,000	2036	* *	1	$26,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various. 15 Percent Of Steam Traps Are Malfunctioning								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various								
Explanation : 10 Percent Of Radiators Need Constant Bleeding								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	60%			2026	$261,400	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 301 - BX

Asset # : 419

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2031	$204,000	2	$1,400	
Roof	40%			2031	$89,300	2	$1,400	
Roof	20%	0-2	$8,900	2031	$44,600	2	$600	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Explanation : 6 Out Of 8 Bathroom Ventilators At Roof Malfunctioning								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%	Now	$36,700	2036	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Throughout Basement								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$17,100	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$79,500	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **I.S./J. H. S. 123 - BX MINISCHOOL-BX**				
Address	: **1025 MORRISON AVENUE BTWN: BRUCKNER BLVD., WATSON AVE**				
Borough	: **BRONX**			**Agency's Number**	: **X823**
Program / Asset #	: **BOE0263.010 / 146**			**Yr Built/Renovated**	: **1972 /**
Area Sq Ft	: **12,120**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-May-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **3718**	**Lot**	: **1**	**BIN**	: **2087014**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$61,400	$417,600
Electrical	$56,600	$180,000
Mechanical		$191,700
Total	**$117,900**	**$789,300**
Importance Code B	$56,600	$789,300
Importance Code C	$61,400	
Total	**$117,900**	**$789,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,900	$3,000		
Interior Architecture	$47,800			$1,900
Electrical	$41,800	$26,200	$700	$900
Mechanical	$24,100	$700	$5,600	$700
Total	**$161,600**	**$29,900**	**$6,200**	**$3,500**
Importance Code A	$48,500	$3,600	$600	$600
Importance Code B	$92,900	$26,400	$5,600	$2,900
Importance Code C	$20,300			
Total	**$161,600**	**$29,900**	**$6,200**	**$3,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I.S./J. H. S. 123 - BX MINISCHOOL-BX
Asset # : 146

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$24,000	2040	* *	5	$34,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Windows								
Aluminum	100%			2038	* *	5	$1,900	
Roof								
Metal Panel	100%	Now	$23,800	2035	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : West Side Downspouts								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Gutters Throughout								
Soffits								
Metal Panel	100%			2040	* *	5-10	$10,900	
Interior								
Floors								
Ceramic Tile	5%			2033	$44,900	5	$800	
Uneven Surface, Extent : Light, Area Affected : 25%								
Location : Toilets Does Not Pitch To Floor Drain								
Vinyl Tile	95%			2030	$417,600	3	$7,600	
Patching Evident, Extent : Light, Area Affected : 2%								
Location : Classrooms								
Interior Walls								
Concrete Masonry Unit	25%	Now	$61,400	LIFE	* *	5	$2,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Classroom Doors Off Main Corridor								
Metal Panel	75%	4+	$20,300	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Classroom								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$25,700	2047	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Various								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 25%								
Location : Corridors								
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I.S./J. H. S. 123 - BX MINISCHOOL-BX
Asset # : 146

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	50%			2033				
Rubber Matting	50%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : One Fusible Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$108,400	5	$300	
Raceway								
Conduit	100%			2030	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2029	$2,000	5		
Molded Case Bkrs	95%			2029	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2030	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$10,200	10	$1,500	
Exit, Service	50%			2025	$2,600	1		
Exterior Lighting								
HID	100%	0-2	$56,600	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Obsolete Fixtures, Always On Due To Clock Malfunctioning								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I.S./J. H. S. 123 - BX MINISCHOOL-BX
Asset # : 146

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$31,300	2040	* *	1-3	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete System That Is Constantly Having Problems.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		
Conversion Equipment								
Furnace	100%			2035	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Mechanical Room								
Explanation : Two Gas Fired Furnaces								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2031	$191,700	2	$700	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$15,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Exhaust Fans								
Roof	100%	4+	$23,500	2040	* *	2	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **INFORMATION AND TECH. H.S. -Q**		
Address	: **21-16 44TH RD.**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASED**
Program / Asset #	: **BOE1055.000 / 14342**	**Yr Built/Renovated**	: **1919 / 2003**
Area Sq Ft	: **257,987**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Sep-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **438** **Lot** : **26**	**BIN**	: **4005184**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$64,700	$3,057,500
Interior Architecture		$326,900
Electrical	$236,900	
Mechanical	$171,800	$3,876,200
Total	**$473,400**	**$7,260,700**
Importance Code A	$64,700	$3,057,500
Importance Code B	$408,700	$3,962,500
Importance Code C		$240,600
Total	**$473,400**	**$7,260,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$96,900		$6,900	
Interior Architecture	$101,500	$12,800		$39,500
Electrical	$27,900	$25,200	$60,000	$30,000
Mechanical	$54,400	$109,000	$87,300	$93,100
Site Enclosure	$7,100			
Site Pavements	$200			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$299,800**	**$158,700**	**$166,000**	**$174,400**
Importance Code A	$122,400	$25,500	$32,900	$25,500
Importance Code B	$170,300	$126,400	$133,200	$148,900
Importance Code C	$7,100	$6,800		
Total	**$299,800**	**$158,700**	**$166,000**	**$174,400**

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DEPARTMENT OF EDUCATION - 040
INFORMATION AND TECH. H.S. -Q
Asset # : 14342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	85%			LIFE	* *	5	$791,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : This Is A Leased Building, It Was Completely Renovated In 2003.								
Stucco Cement	15%			2044	* *	5	$69,800	
Windows								
Aluminum	95%	4+	$20,800	2047	* *	5	$10,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Louvers	5%			2040	* *	10	$7,200	
Parapets								
Cast in Place Concrete	80%			LIFE	* *	5	$146,300	
Metal Panel	20%			2051	* *	5	$13,700	
Roof								
Modified Bitumen	73%	2-4	$41,300	2031	$2,064,000			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : At Roof Penetrations For Dunnage								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Single Ply Membrane	25%			2036	* *	10	$64,700	
Skylight, Plastic	2%			2044	* *	1		
Soffits								
Alum/Vinyl Siding	5%			2041	* *	10	$600	
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Roof Gymnasium								
Exposed Struc: Steel	45%			LIFE	* *	5	$56,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry At Ground Level								
Explanation : Soffit Detached From Building								
Metal, Corrugated	50%			2057	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry At Ground Level								
Explanation : Soffit Detached From Building								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$86,300	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Mechanical Room								
Ceramic Tile	3%			2040	* *	5	$11,800	
Quarry Tile	2%			2044	* *	5	$11,800	
Vinyl Tile	80%			2036	* *	3	$157,800	
Wood	5%			2059	* *	5	$37,000	

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DEPARTMENT OF EDUCATION - 040
INFORMATION AND TECH. H.S. -Q
Asset # : 14342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2040	* *	5	$13,700	
Concrete Masonry Unit	7%			LIFE	* *	5	$12,800	
Gypsum Board	88%			LIFE	* *	5	$240,600	
Metal: Cage/Fence	2%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	28%			2044	* *	5	$75,300	
Exposed Struc: Concrete	60%			LIFE	* *	5	$25,200	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Corrugated Metal Decking								
Metal Panel	2%			LIFE	* *	5	$6,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$7,100	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : 21st Street								
Impact Damage, Extent : Severe, Area Affected : 50%								
Location : 44th Drive Gate								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	3%	2-4	$200	2040	* *			
Potholes, Extent : Moderate, Area Affected : 2%								
Location : Driveway								
Pavers/Stone	97%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 4,000 And 1,200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2044	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room And Roof								
Explanation : Three 75 Kilovolt-ampere, 208 Volts Primary And 480/277 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$1,100	

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DEPARTMENT OF EDUCATION - 040
INFORMATION AND TECH. H.S. -Q
Asset # : 14342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$600	
Molded Case Bkrs	90%			2047	* *	5	$6,100	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	90%			2044	* *	5	$1,600	
Variable Frequency Drive	10%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$79,400	
Generators								
Diesel	100%			2040	* *	1	$99,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 300 Kilowatts								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$57,500	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 300 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$236,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Service	55%			2036	* *	1		
Exit, Service	45%			2036	* *	1		
Exterior Lighting								
Fluorescent	10%			2036	* *	10	$2,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Wall Perimeter Outside The Building								
HID	20%			2036	* *	10	$200	
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
INFORMATION AND TECH. H.S. -Q
Asset # : 14342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$28,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors, Cafeteria, Door Exits And Outside								
Explanation : CCTV Surveillance System, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$49,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	5%			2041	* *	1		
Interruptible Gas/Dual Fuel	95%			2051	* *	1		
Conversion Equipment								
Furnace	5%			2031	$41,000	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Packaged Rooftop Unit								
Steam Boiler	95%			2044	* *	1	$248,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	95%			2041	* *			
No Component	5%							
Terminal Devices								
Air Handler	70%			2036	* *	1	$114,100	
Convector/Radiator	25%			2036	* *	1	$21,300	
No Component	5%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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DEPARTMENT OF EDUCATION - 040
INFORMATION AND TECH. H.S. -Q
Asset # : 14342

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	80%	0-2	$171,800	2029	$3,436,000	2	$10,300	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Fan Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 2nd And 3rd Floor Mechanical Rooms								
Explanation : Various Defects								
Ext Pkg Unit - Heating/Cooling	5%			2031	$221,400	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Package Unit								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2041	* *	4	$15,600	
No Component	20%							
Heat Rejection								
Water Cooling Tower	80%			2035	* *	2	$212,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$147,000	
Exhaust Fans								
Interior	70%			2036	* *	2	$5,700	
Roof	30%	0-2	$7,700	2031	$153,500	2	$1,900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
INFORMATION AND TECH. H.S. -Q
Asset # : 14342

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2025	$7,900	4	$8,200	
Backflow Preventer								
Generic	100%			2036	* *	1	$16,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 2 Passenger Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2041	* *	1-2	$73,800	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Sets								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 8 - Q**		
Address	: **108-35 167 STREET BTWN: 108 RD., 108 DR.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q008**
Program / Asset #	: **BOE0672.000 / 314**	**Yr Built/Renovated**	: **1963 / 2014**
Area Sq Ft	: **156,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **10178** **Lot** : **1**	**BIN**	: **4216655**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,194,500	$1,264,600
Interior Architecture	$10,851,100	$24,490,300
Electrical	$52,400	$2,127,400
Mechanical	$3,328,400	$8,651,700
Total	**$15,426,500**	**$36,534,100**
Importance Code A	$1,262,500	$2,675,700
Importance Code B	$13,603,600	$33,858,400
Importance Code C	$560,400	
Total	**$15,426,500**	**$36,534,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$71,000		$4,500	
Interior Architecture	$185,800			$23,000
Electrical	$33,500	$25,400	$28,600	$30,100
Mechanical	$203,800	$53,000	$60,400	$83,500
Site Enclosure	$73,600			
Site Pavements	$41,300			
Total	**$609,000**	**$78,400**	**$93,500**	**$136,700**
Importance Code A	$71,000	$15,400	$19,900	$15,400
Importance Code B	$423,200	$62,900	$73,600	$121,200
Importance Code C	$114,800			
Total	**$609,000**	**$78,400**	**$93,500**	**$136,700**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$68,100	
Masonry: Brick	2%			LIFE	* *	5	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
Explanation : Glazed Brick								
Masonry: Brick Cavity	90%	2-4	$533,800	LIFE	* *	5	$122,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : South Side Lower Entrance/ Areaway South Of Main Entry								
Granite Panels	3%	2-4	$10,100	LIFE	* *	5	$3,100	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : South Side Lower Entrance Columns								
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Side Lower Entrance								
Explanation : Peeling Paint								
Windows								
Aluminum	95%	Now	$546,500	2041	* *	5	$9,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 30%								
Location : Glazed Brick								
Metal Louvers	5%			2042	* *	10	$6,300	
Parapets								
Masonry: Brick Cavity	50%	4+	$4,100	LIFE	* *	5	$2,000	
Efflorescence, Extent : Light, Area Affected : 100%								
Location : All Facades								
Metal Panel	30%			2043	* *	5	$4,700	
Metal Panel	10%			2053	* *	5	$1,600	
Metal Rail	10%			2046	* *	5-10	$7,300	
Roof								
Modified Bitumen	100%	4+	$114,200	2033	$1,142,000			
Blisters, Extent : Light, Area Affected : 5%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%	Now	$20,100	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : South Side Lower Entrance								
Interior								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$72,300	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement Mechanical Rooms								
Ceramic Tile	3%	Now	$39,900	2042	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets								
Poured Epoxy/Resin	2%			2031	$264,500			
Terrazzo	5%	4+	$22,100	LIFE	* *	5	$9,200	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : 1st Floor Main Corridor								
Vinyl Tile	20%	Now	$130,400	2038	* *	3	$17,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 45%								
Location : Throughout								
Vinyl Tile 9" X 9"	58%	Now	$9,665,600	2033	$24,163,900	3	$51,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 45%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	3%	0-2	$126,700	2048	* *	5	$6,600	
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Wood	2%			2073	* *	5	$8,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$237,400	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement Mechanical Rooms								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Pit								
Ceramic Tile	5%	Now	$85,900	2042	* *	5	$7,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets								
Concrete Masonry Unit	15%			LIFE	* *	5	$37,500	
Masonry: Brick	5%			LIFE	* *	10	$4,700	
Plaster	40%			LIFE	* *	5-10	$106,200	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	30%	0-2	$168,400	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Ceilings								
AcousTile,Adhered	25%	Now	$189,900	2046	* *	5	$29,500	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Classrooms Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	2-4	$19,600	2038	* *	5	$5,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor								
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$132,800	
Fiber Board	5%			2038	* *			
Metal Panel	2%			LIFE	* *	5	$11,800	
Plaster	15%			LIFE	* *	5-10	$60,900	
Wood	3%			LIFE	* *	5	$123,900	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%	Now	$27,900	2053	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : East Side								
Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : East Side								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : East Side								
Explanation : Gate Damaged, Does Not Swing								
Iron Picket	60%	Now	$45,600	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : North And West Sides								
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : North And West Sides								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$23,500	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Curb At Main Entrance								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : North And West Sides								
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : North Side								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$6,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	4+	$11,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : North Parking Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2038	* *	5	$600	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$700	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$400	
Molded Case Bkrs	80%			2032	$239,500	5	$3,300	
Molded Case Bkrs	10%			2041	* *	5	$400	
Wiring								
Braided Cloth	20%			2032	$79,900	1		
Thermoplastic	10%			2043	* *	1		
Thermoplastic	70%			2033	$279,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$48,000	
Generators								
Diesel	50%			2036	* *	1	$30,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 100 Kilowatt Exclusively For Water Pump Emergency Service								
Natural Gas	50%			2036	* *	1	$30,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 33 Kilowatt Capacity For Pumps								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$5,800	
Fuel Storage								
Day Tank	30%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 30 Gallon Capacity								
Main Tank	70%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fuel Tank Room								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$135,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%	Now	$52,400	2038	* *			
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Exit, Battery	50%			2038	* *	10	$5,300	
Exterior Lighting								
HID	8%			2028	$58,200	10		
HID	2%			2038	* *	10		
No Component	90%							
Alarm								
Security System								
Generic	50%			2033	$146,400	1	$29,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$29,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$402,400	1-3	$99,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$362,800	5	$48,300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Oil Tank Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Oil Tank Room								
Explanation : 2 Tanks, 10,000 Gallons Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$68,000	2031	$1,359,700	1	$139,000	
Controller Not Working, Extent : Moderate, Area Affected : 33%								
Location : Basement - Boiler Room: Burner Control Panel For Boiler No. 1, Pressuretrol At Boiler No. 3								
Damaged, Extent : Severe, Area Affected : 33%								
Location : Basement - Boiler Room - Refractory At Boiler No. 1								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement - Boiler Room: 1 Oil Pump Defective								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 3 Units - 80 Gph Each, Provide Hydronic Heating Via Heat Exchanger To 1st Floor And Steam Heating To The Rest Of The Building								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$27,500	
Hot Wtr Piping/Pump	15%			2032	$51,200	4	$1,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Steam Piping/Pump	65%	Now	$16,200	2033	$812,000			
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Basement - Boiler Room - Vacuum Condensate Return - 1 Pump Defective								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement To 2nd - 4th Floors								
Terminal Devices								
Air Handler	30%			2028	$880,700	1	$28,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Convector/Radiator	70%			2031	$893,000	1	$35,300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Controls								
Pneumatic	100%	Now	$60,300	2027	$3,014,900			
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor - Hydronic Heating Controls In Boiler Room								
Air Conditioning								
Energy Source								
Electricity	80%			2041	* *	1		
No Component	20%							

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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2028	$185,200			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Telecom Rooms								
Explanation : Location Observed.								
Window/Wall Unit	35%			2026	$206,800	1		
Window/Wall Unit	40%			2033	$236,400	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Various Locations								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$137,700	
Exhaust Fans								
Interior	30%			2028	$207,600	2	$1,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Roof	70%			2028	$211,900	2	$3,300	
On Extended Life, Extent : Light, Area Affected : 90%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$2,003,600	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Throughout								
HW Heat Exchanger								
Steam Fired	100%			2033	$754,300	4	$23,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$31,200	4	$4,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement - Boiler Room								
Explanation : 1 Pump Motor Replacement In Progress								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%	Now	$1,600	2028	$81,700	4	$6,200	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Backflow Preventer								
Generic	100%			2028	$69,700	1	$9,600	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%	0-2	$32,400	2033	$32,400	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 500 Mbh Output								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$215,700	1-2	$4,400	
Chemical System								
Wet	100%			2028	$326,400	1-3	$371,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 16 X 5 Foot Hood								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 10 - Q**		
Address	: **45-11 31ST AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q010**
Program / Asset #	: **BOE0674.000 / 316**	**Yr Built/Renovated**	: **1939 / 2015**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **714** **Lot** : **1**	**BIN**	: **4012664**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$201,000
Interior Architecture	$256,500	$2,346,500
Electrical	$558,400	$1,012,300
Mechanical	$1,650,900	$2,417,600
Site Pavements	$65,100	
Total	**$2,530,900**	**$5,977,400**
Importance Code A		$201,000
Importance Code B	$2,334,900	$5,776,500
Importance Code C	$196,100	
Total	**$2,530,900**	**$5,977,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,700			
Interior Architecture	$91,700	$2,400	$10,100	$10,100
Electrical	$13,500	$9,600	$10,200	$23,800
Mechanical	$57,900	$29,100	$27,600	$19,900
Site Pavements	$21,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$199,500**	**$49,000**	**$55,800**	**$61,700**
Importance Code A	$15,900	$9,200	$9,200	$9,400
Importance Code B	$88,000	$39,800	$46,500	$52,300
Importance Code C	$95,700			
Total	**$199,500**	**$49,000**	**$55,800**	**$61,700**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$139,000	
Masonry: Limestone	10%			LIFE	* *	5	$11,600	
Windows								
Aluminum	100%			2048	* *	5	$44,900	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$17,600	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Metal: Cage/Fence	10%			2049	* *	5-10	$16,000	
Roof								
Modified Bitumen	100%			2040	* *	10	$62,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,600	
Ceramic Tile	3%			2035	* *	5	$4,800	
Terrazzo	2%			LIFE	* *	5	$2,500	
Vinyl Tile	50%			2032	$2,225,600	3	$30,200	
Wood	40%			2047	* *	5	$120,800	
Interior Walls								
Concrete Masonry Unit	15%	Now	$49,200	LIFE	* *	5	$10,500	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Masonry: Brick	10%			LIFE	* *			
Plaster	50%	Now	$42,500	LIFE	* *	5	$26,200	
Repairs in Progress, Extent : N/A, Area Affected : 30%								
Location : Toilet Room At Cafeteria								
SGFT/Glazed Masonry	25%	Now	$196,100	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 1st Floor At Hallway								
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	$20,100	
Exposed Struc: Concrete	30%			LIFE	* *	5	$7,600	
Plaster	60%			LIFE	* *	5	$60,400	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2042	* *			
Iron Picket	90%			2052	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Explanation : Signs Of Rusting Spots								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$17,900	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Sidewalks								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	20%	4+	$300	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Various								
Cast in Place Concrete	70%	Now	$3,700	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : At Top Of Stairs Going To Sidewalk								
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	100%	0-2	$65,100	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$182,100	5	$300	
Fused Disc Sw	20%			2052	* *	5	$100	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	85%			2031	$203,600	5	$2,100	
Molded Case Bkrs	5%			2048	* *	5	$100	
Wiring								
Braided Cloth	25%	2-4	$72,900	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2032	$204,200	1		
Thermoplastic	5%			2052	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2049	* *	5	$600	
Locally Mounted	10%			2030	$11,900	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	$26,800	1	$28,600	
Generators								
Diesel	100%			2028	$138,700	1	$36,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 125 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,400	
Fuel Storage								
Main Tank	100%			2035	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	94%			2042	* *	10	$80,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2027	$51,500	2		
LED	4%			2042	* *			
Egress Lighting								
Emergency, Service	60%			2042	* *	1		
Exit, Service	35%			2027	$14,000	1		
Exit, Service	5%			2040	* *	1		
Exterior Lighting								
HID	100%			2027	$433,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$10,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$17,200	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$92,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	25%			2058	* *	4	$1,100	
Central Plant Steam Piping/Pmp	75%	0-2	$39,200	2032	$1,961,400	4	$3,400	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout. Steam And Condensate Return Pipings Are Beyond Their Useful Life Cycle Limit								
Terminal Devices								
Air Handler	20%	0-2	$70,000	2027	$350,000	1	$10,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room. The Blowers Are Beyond Their Useful Life Cycle Limit								
Convector/Radiator	60%			2030	$456,300	1	$18,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout. The Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	20%			2027	$461,200	1	$6,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Unit Ventilators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2027	$317,100	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,900	
Exhaust Fans								
Interior	90%			2027	$371,200	2	$2,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room. Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Roof	10%			2032	$18,000	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2058	* *	1		
Recent Installation, Extent : Light, Area Affected : 30%								
Location : Basement								
Galvanized Steel	70%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,600	
Backflow Preventer								
Generic	100%			2037	* *	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit Is Inoperable								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2042	* *	1-2	$5,200	
Fire Pump								
No Component	80%							
Generic	20%			2035	* *	1	$3,500	
Chemical System								
Dry	100%			2025	$81,500	1-3	$72,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 13 - M**		
Address	: **1573 MADISON AVENUE @ E. 106 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M013**
Program / Asset #	: **BOE0009.000 / 437**	**Yr Built/Renovated**	: **1958 / 2007**
Area Sq Ft	: **150,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1612** **Lot** : **50**	**BIN**	: **1051515**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$794,300	$1,041,300
Interior Architecture	$118,700	$51,600
Electrical	$299,800	$2,710,400
Mechanical	$969,000	$3,136,900
Total	**$2,181,900**	**$6,940,300**
Importance Code A	$935,500	$1,956,500
Importance Code B	$1,127,700	$4,983,800
Importance Code C	$118,700	
Total	**$2,181,900**	**$6,940,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,400		$13,300	$2,000
Interior Architecture	$82,600	$11,300	$50,200	$21,200
Electrical	$36,900	$3,800	$23,000	$2,800
Mechanical	$67,700	$20,500	$60,400	$32,500
Site Pavements	$44,400			
Total	**$293,000**	**$35,600**	**$146,900**	**$58,500**
Importance Code A	$73,300	$13,400	$27,000	$15,400
Importance Code B	$216,700	$14,400	$119,900	$43,200
Importance Code C	$3,000	$7,800		
Total	**$293,000**	**$35,600**	**$146,900**	**$58,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$126,700	
Metal Panel	2%			2041	* *	5-10	$18,700	
Granite Panels	5%			LIFE	* *	5	$5,100	
Windows								
Aluminum	77%	Now	$14,800	2047	* *	5	$7,700	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Explanation : Motorized Windows Are Inoperable								
Aluminum	20%			2047	* *	5	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Story Windows								
Explanation : Protective Metal Grilles								
Metal Louvers	3%			2040	* *	10	$3,800	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$14,700	
Masonry: Brick Cavity	60%			LIFE	* *	5	$2,400	
Metal Panel	5%			2041	* *	5	$800	
Roof								
Built-Up (BUR)	60%			2026	$731,600	10	$62,700	
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Throughout Main Roof								
Copper/Terne	3%			2046	* *	10	$7,800	
IRMA/Protected Membrane	37%			2031	$914,700	10	$38,700	
Soffits								
Stucco Cement	100%	Now	$46,600	2036	* *	5	$13,500	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Entrance Canopy On Madison Avenue								
Explanation : Exposed Rusting Rebar								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,600	
Ceramic Tile	3%			2040	* *	5	$7,100	
Quarry Tile	5%			2044	* *	5	$17,700	
Sheet Vinyl/Rubber	5%			2036	* *	5	$17,700	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	72%			2036	* *	3	$85,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$118,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Pit Area In Basement								
Ceramic Tile	5%			2040	* *	5	$15,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$12,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$42,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$30,400	2036	* *	5	$23,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
AcousTile,Adhered	35%			2036	* *	5	$82,600	
AcousTileConcealSpLn	15%			2044	* *	5	$44,300	
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,800	
Gypsum Board	5%			LIFE	* *	5	$14,800	
Metal Panel	10%			LIFE	* *	5	$29,500	
Plaster	10%			LIFE	* *	5	$14,800	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2041	* *			
Iron Picket	40%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Corner Of Wall On 106th Street And Park Avenue								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Park Avenue Side Of Property								
Explanation : Painted High Wall Located At Rear Activity Yard								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$41,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Areas On Madison Avenue And East 106th Street								
On-Site Walkways								
Cast in Place Concrete	85%			2036	* *			
Masonry: Granite	5%	Now	$3,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Entrance Stair On East 106th Street								
Pavers/Stone	10%			2034	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	40%			2040	* *			
Pavers/Stone	5%			2040	* *			
Rubber Matting	20%			2036	* *			
No Component	35%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Field Within Running Track								
Explanation : This Is Actually Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes And 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$600	
Raceway								
Conduit	70%			2031	$202,200	1		
Conduit	30%			2051	* *	1		
Panelboards								
Molded Case Bkrs	80%			2039	* *	5	$3,200	
Molded Case Bkrs	20%			2030	$59,900	5	$800	
Wiring								
Braided Cloth	40%	2-4	$159,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	60%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2029	$108,900	5	$600	
Locally Mounted	20%	2-4	$21,800	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Aged Component, Extent : Light, Area Affected : 100%								
Location : Basement								
Locally Mounted	20%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main, Ground Conductors Broken, Not Terminated At Ground Bus Bar								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2031	$2,012,400	10	$123,800	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
LED	10%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%			2031	$125,900	10	$18,100	
Exit, LED	20%			2066	* *	1		
Exit, Service	30%			2026	$19,400	1		
Exterior Lighting								
HID	20%			2026	$140,000	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	$77,400	1-3	$18,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$46,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 20,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Plate & Frame	20%			2027	$75,800	1	$14,800	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room,								
Explanation : The Basement Level Is Served By The Steam To Water Converter								
Steam Boiler	10%	Now	$65,400	2044	* *	1	$13,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Defective Combustion Air Dampers								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Boiler No. 2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Three No.4 Oil Burning Steam Boilers								
Steam Boiler	70%			2029	$915,200	1	$104,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Hot Wtr Piping/Pump	20%			2030	$65,600	4	$1,500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement Level								
Steam Piping/Pump	10%	0-2	$72,100	2061	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump And Steam Valves In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Steam Piping/Pump	70%			2031	$840,800			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$564,600	1	$18,600	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Convector/Radiator	80%			2036	* *	1	$38,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2029	$511,400	1		
No Component	10%							
Terminal Devices								
Air Handler/Dir Expansion	20%			2036	* *	1		
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	20%			2036	* *	2	$20,900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,600	
Exhaust Fans								
Interior	20%	Now	$13,300	2026	$133,100	2	$700	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basment Fan Serving Kitchen								
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Roof	20%	Now	$1,200	2026	$58,200	2	$700	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Roof								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	80%	0-2	$30,600	2036	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main Valve								
HW Heat Exchanger								
Steam Fired	100%			2031	$725,300	4	$14,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$30,000	4	$3,200	
Sewage Ejector(s)								
Electric	100%			2031	$78,500	4	$6,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$8,400	
No Backflow Preventer, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Basement Classrooms Are All Sprinklered								
Chemical System								
No Component	95%							
Generic	5%			2029	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 25 - M**
Address : **145 STANTON STREET BTWN: NORFOLK AND SUFFOLK STS.**
Borough : **MANHATTAN**
Agency's Number : **M025**
Program / Asset # : **BOE0015.000 / 441**
Yr Built/Renovated : **1977 / 2006**
Area Sq Ft : **159,000**
Project Type : **EDUCATION**
Date of Survey : **28-Sep-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **354** **Lot** : **80** **BIN** : **1004323**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,314,600	$973,100
Interior Architecture	$899,600	$51,800
Electrical		$2,050,200
Mechanical	$1,109,700	$4,370,900
Site Enclosure	$54,200	
Site Pavements	$242,200	
Total	**$3,620,200**	**$7,445,900**
Importance Code A	$1,453,200	$2,410,400
Importance Code B	$1,928,000	$5,035,600
Importance Code C	$239,000	
Total	**$3,620,200**	**$7,445,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$94,800			
Interior Architecture	$115,700		$33,300	
Electrical	$20,200	$14,800	$15,100	$19,700
Mechanical	$158,600	$34,500	$44,500	$33,600
Site Enclosure	$700			
Site Pavements	$16,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$410,700**	**$53,300**	**$96,800**	**$57,200**
Importance Code A	$94,800	$15,700	$15,700	$15,700
Importance Code B	$255,600	$37,500	$81,100	$41,400
Importance Code C	$60,300			
Total	**$410,700**	**$53,300**	**$96,800**	**$57,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	40%	Now	$995,200	LIFE	* *	5	$415,800	
Spalling, Extent : Severe, Area Affected : 15%								
Location : All Facades								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Stanton Street, Norfolk Street And Entrance Court								
Explanation : Exposed Rebars								
Masonry: Brick Cavity	60%			LIFE	* *	5	$249,500	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : All Facades								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Lower Elevation Of Facades								
Windows								
Aluminum	97%			2049	* *	5	$57,800	
Metal Louvers	3%			2042	* *	10	$11,200	
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$389,200	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$91,700	
Roll Roofing	5%	Now	$31,300	2035	* *	5	$4,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Over Stairs								
Soffits								
Cast in Place Concrete	100%	4+	$34,600	LIFE	* *	5	$146,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$103,600	
Ceramic Tile	5%	4+	$200,200	2042	* *	5	$5,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Toilet Rooms								
Panel/Paver: Cer/Brk	3%			2049	* *	5	$16,000	
Terrazzo	2%	4+	$22,100	LIFE	* *	5	$3,700	
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	75%			2038	* *	3	$66,600	
Wood	5%			2061	* *	5	$22,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	4+	$127,500	2042	* *	5	$5,800	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Toilet Rooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$18,500	
Folding Partition	5%			2049	* *	5	$29,000	
Masonry: Brick	10%			LIFE	* *	10	$7,000	
Plaster	45%			LIFE	* *	5-10	$88,600	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$29,000	
Ceilings								
AcousTileConcealSpLn	28%	Now	$213,300	2038	* *	5	$41,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 402								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 402								
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$177,500	
Metal Panel	2%	0-2	$94,100	LIFE	* *	5	$5,900	
Bent/Warped Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Staining/Discoloring, Extent : Severe, Area Affected : 70%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5-10	$40,700	
Site Enclosure								
Fence/Gates								
Chain Link	90%	0-2	$54,200	2043	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 80%								
Location : Various								
Iron Picket	10%	4+	$700	2068	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Main Entrance								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$16,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rivington Street								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Pavers/Stone	10%			2042	* *			
Activity Yard								
Asphalt	100%	4+	$242,200	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Vertical Sections								
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$400	
Molded Case Bkrs	80%			2032	$239,500	5	$3,300	
Molded Case Bkrs	10%			2041	* *	5	$400	
Wiring								
Thermoplastic	90%			2033	$359,600	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,700	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$138,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$19,200	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$298,500	1	$59,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Front Of The Building								
Explanation : CCTV Surveillance Cameras And Intrusion System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$410,100	1-3	$100,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Staircase And Basement								
Explanation : Strobe Lights, Horns, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Gas Component Of Dual Fuel System Is Not Connected. Two 15,000 Tanks For No.2 Fuel								
Conversion Equipment								
Steam Boiler	100%	0-2	$138,600	2031	$1,385,900	1	$141,700	
Boiler Used For Hot Water, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Broken, Extent : Moderate, Area Affected : 25%								
Location : No.3 Boiler. Four Plugged Tubes.								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Two Boilers Are Not Working. Needs Adjustment Of Linkages And Control								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam Traps Very Old								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$447,100	2043	* *	4	$7,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 40%								
Location : Return Tank								
Terminal Devices								
Air Handler	40%			2033	$1,196,900	1	$39,300	
Convector/Radiator	60%			2038	* *	1	$30,800	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2033	$469,100	1	$14,800	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Fan Room								
Window/Wall Unit	60%	0-2	$36,100	2028	$361,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations. 20 Percent Of The Units Are Not Working								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2043	* *	4	$1,600	
No Component	80%							
Terminal Devices								
Air Handler/Dir Expansion	20%			2033	$487,800	1		
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2033	$116,700	2	$22,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$140,400	
Exhaust Fans								
Interior	40%	0-2	$28,200	2033	$282,100	2	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Exhaust Fans Are Not Working								
Roof	60%			2038	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$40,800	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement Near Gas Meter Room								
HW Heat Exchanger								
Steam Fired	100%	0-2	$384,400	2043	* *	4	$15,700	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$100,100	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 3%								
Location : Boiler Room								
Storm Drain Piping								
Cast Iron	100%	0-2	$28,000	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Basement. Cracked Storm Drain Pipping At Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2033	$31,800	4	$5,000	
Backflow Preventer								
Generic	100%			2033	$71,000	1	$9,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$80,200	
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$1,300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 25 - Q**
Address : **34-65 192 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0688.000 / 1198**
Area Sq Ft : **173,000**
Date of Survey : **04-Mar-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **5261** **Lot** : **1**

Agency's Number : **Q025**
Yr Built/Renovated : **1969 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4119139**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$708,900	$1,111,700
Interior Architecture	$567,000	$65,400
Electrical	$457,600	$1,618,700
Mechanical	$386,600	$13,685,600
Site Pavements	$146,900	
Total	**$2,267,000**	**$16,481,300**
Importance Code A	$708,900	$2,712,300
Importance Code B	$1,558,100	$13,703,700
Importance Code C		$65,400
Total	**$2,267,000**	**$16,481,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$6,900		$32,900
Interior Architecture		$41,100	$4,100	$20,600
Electrical	$55,500	$15,000	$13,800	$12,400
Mechanical	$63,100	$34,400	$69,200	$101,600
Site Enclosure	$36,900	$4,800		
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$159,400**	**$106,200**	**$91,100**	**$171,400**
Importance Code A	$18,200	$25,100	$18,200	$51,400
Importance Code B	$104,400	$70,600	$72,900	$120,000
Importance Code C	$36,900	$10,500		
Total	**$159,400**	**$106,200**	**$91,100**	**$171,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$42,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,600	
Masonry: Brick	70%			LIFE	* *	5	$59,200	
Pre-Cast Concrete	15%			LIFE	* *	5	$41,200	
Windows								
Aluminum	80%	0-2	$507,400	2054	* *	5	$8,900	
Unit Inoperable, Extent : Severe, Area Affected : 60%								
Location : Various								
Metal Louvers	5%			2035	* *	10	$6,900	
Steel	15%	Now	$150,000	2057	* *	5	$20,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$14,900	
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Metal Rail	10%			2037	* *	5-10	$31,700	
Roof								
IRMA/Protected Membrane	35%			2037	* *	10	$51,500	
Metal Panel	5%			2037	* *	10	$13,500	
Modified Bitumen	60%			2032	$964,300	10	$88,200	
Soffits								
Stucco Cement	100%			2037	* *	5	$300	
Interior								
Floors								
Ceramic Tile	3%			2041	* *	5	$8,200	
Panel/Paver: Cer/Brk	2%			2040	* *	5	$12,400	
Sheet Vinyl/Rubber	10%			2037	* *	5	$41,200	
Vinyl Tile	85%			2037	* *	3	$87,600	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$11,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$15,300	
Plaster	57%			LIFE	* *	5	$65,400	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$432,800	2045	* *	5	$33,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Various Locations Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
AcousTileSusp.Lay-In	10%	0-2	$134,200	2045	* *	5	$13,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Gymnasium								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 60%								
Location : Gymnasium								
Exposed Struc: Concrete	45%			LIFE	* *	5	$18,900	
Metal Panel	10%			LIFE	* *	5	$33,600	
Plaster	10%			LIFE	* *	5	$16,800	
Site Enclosure								
Fence/Gates								
Aluminum Rail	6%			2045	* *	5-10	$7,900	
Chain Link	62%			2052	* *			
Iron Picket	32%	0-2	$36,900	2067	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$146,900	2049	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 25%								
Location : Sidewalk At Front Side								
On-Site Walkways								
Cast in Place Concrete	71%			2037	* *			
Masonry: Granite	2%			LIFE	* *			
Pavers/Stone	27%			2041	* *			
Activity Yard								
Asphalt	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes								
Photovoltaic Panel(s)	10%			2045	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rooftop								
Explanation : Three Solar Edge Inverters, AC Combiner Panel, Generation Meter, And Data Logger At The Rooftop.								
Transformers								
Dry Type	100%			2049	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 225 Kilovolt Ampere, 480y/277v -208v, 3-phase, Type K								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$325,100	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 6 Vertical Sections								
Raceway								
Conduit	98%			2032	$330,400	1		
Conduit	2%			2042	* *	1		
Panelboards								
Fused Disc Sw	28%			2031	$95,000	5	$1,100	
Fused Disc Sw	2%			2040	* *	5	$100	
Molded Case Bkrs	70%			2031	$237,500	5	$3,200	
Wiring								
Thermoplastic	98%			2032	$440,300	1		
Thermoplastic	2%			2042	* *	1		
Motor Controllers								
Locally Mounted	40%	2-4	$43,500	2052	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	20%			2030	$36,300	5	$200	
Motor Control Center	40%	2-4	$290,800	2052	* *	5	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$165,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2037	* *	10	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Light Fixtures								
LED	1%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$154,100	10	$22,200	
Exit, Service	50%			2032	$39,600	1		
Exterior Lighting								
HID	10%			2037	* *	10	$100	
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$19,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2037	* *	1-3	$106,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms, Hallways, Basement								
Explanation : Alarm Bells, Manual Pull Stations, Smoke Detectors, Strobe Lights. Fire Alarm Control Panel Is Est-2.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$56,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Celler								
Explanation : 2 Units 15,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2030	$1,600,600	1	$181,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Work Order Is Placed For Replacement Of 3 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2032	$5,163,900	4	$13,600	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%			2032	$1,727,900	1	$56,800	
Convector/Radiator	30%			2037	* *	1	$17,800	
Fan Coil Unit/Heat	20%			2032	$910,600	1	$11,900	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%	Now	$108,400	2032	$1,083,700	1	$30,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units Located At Basement Air Conditioning Room								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Air Conditioning Room								
Explanation : Chiller 1 And 2 Are Recently Replaced.								
Window/Wall Unit	40%			2027	$278,300	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2032	$95,000	4	$5,400	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2032	$855,200	1	$34,100	
Fan Coil - 4 Pipe	10%	0-2	$11,200	2032	$558,800	1	$5,300	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Connections To Piping Throughout								
No Component	60%							
Heat Rejection								
Dry Cooler	40%			2032	$269,700	2	$51,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$102,400	
Exhaust Fans								
Interior	30%			2032	$244,300	2	$1,700	
Roof	70%			2032	$249,400	2	$3,900	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$703,300	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$18,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2027	$36,800	4	$3,900	
Sewage Ejector(s)								
Electric	100%			2032	$96,200	4	$11,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 3rd Floor							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$127,000	1-2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 43 - M**		
Address	: **509 WEST 129 STREET BTWN: AMSTERDAM AVE, OLD BROAD**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M043**
Program / Asset #	: **BOE0024.000 / 1664**	**Yr Built/Renovated**	: **1936 / 2010**
Area Sq Ft	: **126,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1984** **Lot** : **33**	**BIN**	: **1059723**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$266,600	$229,400
Interior Architecture	$3,408,200	$294,000
Electrical	$205,100	$496,000
Mechanical	$50,400	$3,502,500
Site Enclosure	$147,200	
Site Pavements	$253,400	
Total	**$4,330,900**	**$4,521,800**
Importance Code A	$266,600	$229,400
Importance Code B	$3,669,800	$4,292,400
Importance Code C	$394,500	
Total	**$4,330,900**	**$4,521,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,300	$24,200	$24,600	
Interior Architecture	$135,000		$19,100	$17,000
Electrical	$15,300	$11,800	$14,500	$11,800
Mechanical	$112,100	$27,800	$37,700	$34,300
Site Pavements	$9,200			
Total	**$303,800**	**$63,700**	**$95,900**	**$63,100**
Importance Code A	$44,800	$36,600	$37,100	$12,500
Importance Code B	$160,300	$27,100	$55,800	$48,600
Importance Code C	$98,800		$3,000	$2,000
Total	**$303,800**	**$63,700**	**$95,900**	**$63,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	94%			LIFE	* *	5	$323,600	
Masonry: Granite	4%			LIFE	* *	5	$10,300	
Masonry: Limestone	2%			LIFE	* *	5	$5,200	
Windows								
Aluminum	100%			2055	* *	5	$48,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$122,800	
Masonry: Limestone	10%			LIFE	* *	5-10	$27,400	
Metal Rail	10%			2046	* *	5-10	$40,500	
Roof								
Copper/Terne	2%			2068	* *	10	$3,500	
Modified Bitumen	96%			2041	* *	10	$67,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Skylight, Metal/Glass	2%			2059	* *	10	$4,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$42,400	
Ceramic Tile	3%			2042	* *	5	$5,800	
Ceramic Tile	2%	Now	$218,600	2048	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Restrooms								
Mosaic Tile	2%			2038	* *	5	$9,700	
Terrazzo	2%			LIFE	* *	5	$6,100	
Traffic Topping	2%			2033	$185,000	5	$4,800	
Vinyl Tile	29%			2038	* *	3	$21,100	
Vinyl Tile	50%	Now	$2,677,100	2043	* *	3	$36,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Classrooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 9x9 Tiles								
Wood	5%			2061	* *	5	$18,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$24,700	
Ceramic Tile	3%			2036	* *	5	$5,900	
Ceramic Tile	2%			2042	* *	5	$4,000	
Concrete Masonry Unit	3%			LIFE	* *	5	$4,700	
Glass: Single Pane	2%	Now	$119,900	LIFE	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Masonry: Brick	5%			LIFE	* *	10	$3,000	
Marble Panels	2%	2-4	$34,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	53%	2-4	$127,400	LIFE	* *	5	$31,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$24,700	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Stair L								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$24,200	
Plaster	90%	0-2	$265,300	LIFE	* *	5	$109,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	15%			2053	* *			
Iron Picket	70%	4+	$79,600	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : All Locations								
Iron Picket	15%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%	2-4	$67,600	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$50,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Amsterdam Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Amsterdam Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$9,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various								
Activity Yard								
Asphalt	38%	Now	$203,200	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Play Yard								
Ponding, Extent : Severe, Area Affected : 5%								
Location : Play Yard								
Asphalt	62%			2048	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	70%			2033	$170,600	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	90%			2049	* *	5	$3,000	
Wiring								
Braided Cloth	60%	2-4	$205,100	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	$108,900	5	$500	
Locally Mounted	40%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$98,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	15%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$15,200	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$23,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$118,300	1	$23,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$77,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Auditorium, Gymnasium And Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank For No.2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$124,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$50,400	2033	$1,009,000			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Terminal Devices								
Air Handler	25%			2033	$592,800	1	$19,500	
Convector/Radiator	50%			2038	* *	1	$20,400	
Fan Coil Unit/Heat	25%	0-2	$39,100	2028	$781,000	1	$9,200	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$286,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$111,200	
Exhaust Fans								
Interior	100%			2033	$558,800	2	$3,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$136,600	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 600 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Duplex Set, 1 Single Pump								
Backflow Preventer								
Generic	100%			2033	$56,300	1	$7,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2043	* *	1-2	$7,100	
Fire Pump								
Generic	100%			2042	* *	1	$23,500	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 45 - M**
Address : **2351 1ST AVENUE BTWN: EAST 120 ST., EAST 124 ST.**
Borough : **MANHATTAN**
Agency's Number : **M045**
Program / Asset # : **BOE0026.000 / 1666**
Yr Built/Renovated : **1958 / 2002**
Area Sq Ft : **175,000**
Project Type : **EDUCATION**
Date of Survey : **09-Dec-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1797** **Lot** : **100** **BIN** : **1054786**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,617,200	$319,200
Interior Architecture	$494,900	$4,112,700
Electrical	$314,500	$974,900
Mechanical	$1,447,500	$2,198,000
Site Pavements	$228,500	
Total	**$4,102,600**	**$7,604,800**
Importance Code A	$1,617,200	$370,600
Importance Code B	$2,087,400	$7,234,200
Importance Code C	$398,000	
Total	**$4,102,600**	**$7,604,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$35,200		$33,700	
Interior Architecture	$261,200	$13,400	$36,100	$12,300
Electrical	$38,000	$16,300	$20,800	$16,500
Mechanical	$84,000	$52,200	$81,900	$72,800
Site Enclosure	$23,200			
Site Pavements	$29,900			
Total	**$471,500**	**$82,000**	**$172,600**	**$101,500**
Importance Code A	$52,600	$17,300	$51,100	$17,300
Importance Code B	$313,500	$64,600	$102,200	$84,200
Importance Code C	$105,500		$19,400	
Total	**$471,500**	**$82,000**	**$172,600**	**$101,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	20%	0-2	$102,900	LIFE	* *	5	$118,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	70%	0-2	$1,454,800	LIFE	* *	5	$88,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Mosaic Tile	5%			2053	* *	10	$19,700	
Granite Panels	5%			LIFE	* *	5	$9,500	
Windows								
Aluminum	100%			2049	* *	5	$25,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$24,100	
Glazed Ceramic Panel	20%			2053	* *	5-10	$35,900	
Masonry: Brick	60%			LIFE	* *	5-10	$69,700	
Metal Rail	15%			2046	* *	5-10	$46,000	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$112,500	
Copper/Terne	5%			2048	* *	10	$14,800	
Soffits								
Stucco Cement	100%			2046	* *	5	$11,600	
Interior								
Floors								
Carpet	15%			2034	* *	3	$40,200	
Cast in Place Concrete	10%			LIFE	* *	5	$78,200	
Ceramic Tile	5%	Now	$50,400	2042	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$14,000	
Vinyl Tile	50%			2033	$2,468,500	3	$44,700	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	4+	$157,700	2033	$1,577,100	3	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor, Room 227 And 2nd Floor								
Wood	10%			2061	* *	5	$33,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$42,600	2042	* *	5	$7,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Pool Area								
Concrete Masonry Unit	15%			LIFE	* *	5	$37,200	
Folding Partition	5%			2041	* *	5	$38,700	
Masonry: Brick	2%			LIFE	* *	10	$1,900	
Marble Panels	3%			LIFE	* *	10	$3,700	
Plaster	45%	Now	$169,600	LIFE	* *	5	$41,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$38,700	
Ceilings								
AcousTile,Adhered	5%	Now	$5,800	2038	* *	5	$4,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Throughout								
AcousTileConcealSpLn	10%	Now	$28,800	2046	* *	5	$11,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$22,300	
Metal Panel	15%	Now	$44,400	LIFE	* *	5	$33,500	
Bent/Warped Elements, Extent : Severe, Area Affected : 5%								
Location : Pool Area, Kitchen And 2nd Floor Corridors								
Plaster	60%			LIFE	* *	5-10	$184,300	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2043	* *			
Iron Picket	60%			2068	* *			
Retaining Walls								
Masonry: Brick	100%	Now	$23,200	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$29,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Avenue And 120th Street								
On-Site Walkways								
Asphalt	65%			2036	* *			
Cast in Place Concrete	15%			2053	* *			
Cast in Place Concrete	20%	2-4	$51,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	$177,300	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	20%			2053	* *	5	$200	
Molded Case Bkrs	80%			2053	* *	5	$3,700	
Raceway								
Conduit	10%			2053	* *	1		
Conduit	90%			2033	$303,400	1		
Panelboards								
Fused Disc Sw	4%			2049	* *	5	$200	
Fused Disc Sw	6%			2032	$20,400	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$4,100	
Wiring								
Braided Cloth	70%	2-4	$314,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Thermoplastic	10%			2033	$44,900	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$800	
Locally Mounted	30%			2031	$54,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Lighting								
Interior Lighting								
Fluorescent	4%			2038	* *	10	$6,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Pool And Storage								
Fluorescent	94%			2038	* *	10	$150,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2028	$117,500	10	$16,900	
Emergency, Battery	10%			2038	* *	10	$4,200	
Exit, Service	50%			2028	$37,700	1		
Exterior Lighting								
HID	10%			2028	$81,700	10	$100	
LED	10%			2041	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,200	
Alarm								
Security System								
Generic	50%			2038	* *	1	$32,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance System								
Generic	50%			2028	$164,300	1	$32,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$107,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns, Strobe Lights, Fire Alarm Panel, Alarm Bell And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$173,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$492,100	2043	* *	4	$8,600	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement. Vacuum Pump Is Leaking								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$65,900	2033	$658,600	1	$19,500	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Coils, Basement Fan Room For Gymnasium And Cafeteria								
Convector/Radiator	80%			2038	* *	1	$45,200	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	85%			2028	$563,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$154,500	
Exhaust Fans								
Interior	50%			2033	$388,100	2	$2,700	
Roof	50%			2028	$169,800	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2043	* *	1		
Galvanized Steel	40%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No Capacity								
HW Heat Exchanger								
Steam Fired	100%	0-2	$846,200	2063	* *	4	$17,300	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Sub-basement								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$35,000	4	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Duplex Sets								
Pool Filter/Treatment								
Sand	100%			2050	* *	4	$43,300	
Sewage Ejector(s)								
Electric	100%			2033	$91,600	4	$10,400	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$2,400	
Chemical System								
Generic	100%			2028	$326,400	1-3	$323,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression 80 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 47 - M (SCHL FOR DEAF)**		
Address	: **223 EAST 23 STREET @ SECOND AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M047**
Program / Asset #	: **BOE0028.000 / 1669**	**Yr Built/Renovated**	: **1925 / 1999**
Area Sq Ft	: **118,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **904** **Lot** : **24**	**BIN**	: **1019775**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$245,600	$176,700
Interior Architecture	$17,097,200	$62,900
Electrical	$170,900	$923,100
Mechanical	$292,600	$3,828,700
Site Enclosure	$88,800	
Site Pavements	$59,100	
Total	**$17,954,100**	**$4,991,500**
Importance Code A	$245,600	$197,300
Importance Code B	$14,503,800	$4,731,200
Importance Code C	$3,204,700	$62,900
Total	**$17,954,100**	**$4,991,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$123,800			
Interior Architecture	$134,800		$44,300	$16,300
Electrical	$35,600	$11,000	$11,600	$14,100
Mechanical	$163,400	$45,500	$38,700	$48,400
Site Pavements	$3,100			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$472,600**	**$68,300**	**$106,400**	**$90,800**
Importance Code A	$123,800		$3,500	
Importance Code B	$303,000	$68,300	$102,900	$90,800
Importance Code C	$45,800			
Total	**$472,600**	**$68,300**	**$106,400**	**$90,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$174,600	
Masonry: Brick	30%			LIFE	* *	5	$67,100	
Masonry: Brick	50%			LIFE	* *	5	$111,800	
Stucco Cement	10%			2038	* *	5	$27,900	
Windows								
Aluminum	98%			2049	* *	5	$52,700	
Wood	2%	Now	$43,200	2058	* *	5	$5,400	
Caulking Deteriorated, Extent : Severe, Area Affected : 80%								
Location : Rooms 402, 404, 406 And 408								
Unit Inoperable, Extent : Severe, Area Affected : 80%								
Location : Rooms 402, 404, 406 And 408								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$37,200	
Masonry: Brick	90%			LIFE	* *	5-10	$80,700	
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Parapets								
Explanation : Stucco Over Brick Parapet Wall								
Roof								
Built-Up (BUR)	70%			2038	* *	10	$38,100	
Cast in Place Concrete	30%			LIFE	* *	10	$27,200	
Interior								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$158,800	LIFE	* *	5	$40,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$157,900	2042	* *	5	$4,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	5%	2-4	$87,300	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	Now	$309,400	2038	* *	3	$21,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Cafeteria								
Uneven Surface, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	40%	Now	$13,179,100	2043	* *	3	$28,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : 1st, 3rd, 4th And 5th Floors, Staircases								
Wood	10%			2048	* *	5	$35,000	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$290,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	Now	$314,800	2042	* *	5	$9,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Folding Partition	2%	Now	$1,056,700	2058	* *	5	$9,500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : 5th Floor Gymnasium								
Masonry: Brick	5%	2-4	$181,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	2-4	$336,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Floor								
Plaster	55%	Now	$510,500	LIFE	* *	5	$62,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair 5								
Water Penetration, Extent : Moderate, Area Affected : 3%								
Location : Stair 5								
SGFT/Glazed Masonry	15%	2-4	$514,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	3%			LIFE	* *	5	$91,600	
Ceilings								
AcousTileConcealSpLn	10%			2046	* *	5	$23,300	
AcousTileSusp.Lay-In	35%			2046	* *	5	$65,300	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$35,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$18,700	
Plaster	35%	4+	$39,700	LIFE	* *	5	$40,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair 5								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	80%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	20%			2068	* *			
Masonry: Brick	80%	Now	$88,800	2053	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Lower Play Yard								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
J. H. S. 47 - M (SCHL FOR DEAF)
Asset # : 1669

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	20%	Now	$3,100	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	80%	Now	$59,100	2038	* *			
Worn/Eroded, Extent : Severe, Area Affected : 75%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2033	$20,600	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West Wing Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes. Electrical Room Was Hot.								
Fused Disc Sw	60%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : East Wing Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Transformers								
Dry Type	20%			2046	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Near West Wing Electrical Room								
Explanation : 500 Kilovolt Amperes 480-120/208 Volt Transformer								
No Component	80%							
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$130,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West Wing Electrical Room								
Explanation : 2 Vertical Sections								
Fused Disc Sw	50%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : East Wing Electrical Room								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	70%			2033	$170,600	1		
Conduit	30%			2043	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Knife Sw	5%	2-4	$12,000	2058	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement. West Wing								
Explanation : On Extended Life								
Molded Case Bkrs	30%			2041	* *	5	$900	
Molded Case Bkrs	55%			2032	$131,700	5	$1,700	
Wiring								
Braided Cloth	50%	2-4	$170,900	2058	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout West Wing								
Explanation : Insulation Aged								
Thermoplastic	30%			2043	* *	1		
Thermoplastic	20%			2033	$68,400	1		
Motor Controllers								
Locally Mounted	90%			2038	* *	5	$700	
Variable Frequency Drive	10%			2038	* *			
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	89%			2038	* *	10	$96,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2038	* *	10	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Light								
LED	10%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Light								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$14,200	
Exit, Service	50%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	5%			2033	$23,500	10	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of The Building								
Explanation : Compact Fluorescent Light								
HID	5%			2028	$27,500	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$44,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Staircases								
Explanation : CCTV Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$304,400	1-3	$74,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Station, Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2036	* *	5	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Hot Water Converters Supply Hot Water To Heating Devices								
Distribution								
Hot Wtr Piping/Pump	25%	2-4	$3,200	2032	$64,500	4	$1,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Inside Chase On 3rd Floor. Leaking Steam Piping								
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : 1 Circulation Pump, Basement								
Steam Piping/Pump	75%	0-2	$35,400	2033	$708,700			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control System, Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	60%			2038	* *	1	$43,800	
Convector/Radiator	20%			2031	$193,000	1	$7,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building, Radiators Are Beyond Their Useful Life Cycle								
Convector/Radiator	10%			2038	* *	1	$3,800	
Fan Coil Unit/Heat	10%	Now	$292,600	2043	* *	1	$3,400	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : 5 Units. Gymnasium.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	5%	Now	$1,900	2031	$93,300	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : 2nd Floor Fan Room, Multiple Mechanical And Or Electrical Deficiencies								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit, 2nd Floor Fan Room								
Reciprocating Compr/Chiller	60%	0-2	$20,900	2033	$1,044,500	1	$29,600	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Air Condition Room. Defective Compressor								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : No.1 Unit Refrigerant Leaks At Pipe Connection								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement Air Conditioning Room								
Exterior Pkg Unit - Cooling	20%			2033	$258,800	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units. Roof								
Window/Wall Unit	5%			2028	$22,400	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	60%	0-2	$2,100	2033	$103,000	4	$3,500	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : 1 Circulation Pump, Basement								
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2038	* *	1	$43,800	
No Component	40%							

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DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	60%			2033	$184,500	2	$49,300	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,200	
Exhaust Fans								
Interior	100%	0-2	$26,200	2038	* *	2	$2,900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 50 Percent Of The Restroom Fans. Various Locations								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$301,300	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$900	2031	$17,100	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Unit Not Working Properly								
HW Heat Exchanger								
Steam Fired	100%			2033	$570,600	4	$17,500	
Sanitary Piping								
Cast Iron	75%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building, Sanitary Piping Is Beyond Its Useful Life Cycle								
Cast Iron	25%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	75%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building, Storm Piping Is Beyond Its Useful Life Cycle								
Cast Iron	25%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$23,600	4	$3,700	
Sewage Ejector(s)								
Electric	100%			2033	$61,800	4	$7,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Cellar To 5th Floor, 1 Unit From Cellar To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2043	* *	1-5	$14,900	
Sprinkler								
No Component	95%							
Generic	5%			2033	$81,600	1-2	$1,700	
Chemical System								
Generic	100%			2028	$163,200	1-3	$161,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression System Dimension 4 Feet X 10 Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 50 - BK**		
Address	: **183 SOUTH 3RD STREET @ROEBLING ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K050**
Program / Asset #	: **BOE0379.000 / 1403**	**Yr Built/Renovated**	: **1915 / 2000**
Area Sq Ft	: **115,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2419** **Lot** : **1**	**BIN**	: **3063128**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$60,400	$593,900
Interior Architecture	$4,808,900	$506,800
Electrical	$434,800	$1,064,100
Mechanical	$1,106,700	$722,400
Total	**$6,410,800**	**$2,887,100**
Importance Code A	$661,800	$593,900
Importance Code B	$5,676,900	$1,852,700
Importance Code C	$72,100	$440,500
Total	**$6,410,800**	**$2,887,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,700	$30,200		$4,200
Interior Architecture	$3,300	$40,900	$9,100	$26,500
Electrical	$26,200	$4,300	$3,400	$43,700
Mechanical	$63,900	$15,700	$31,000	$33,500
Site Pavements	$3,700			
Total	**$116,800**	**$91,000**	**$43,500**	**$107,800**
Importance Code A	$19,700	$41,600	$11,400	$15,800
Importance Code B	$97,100	$49,400	$27,300	$85,400
Importance Code C			$4,700	$6,600
Total	**$116,800**	**$91,000**	**$43,500**	**$107,800**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$59,900	
Masonry: Brick	85%			LIFE	* *	5	$65,200	
Masonry: Limestone	5%	Now	$60,400	LIFE	* *	5	$2,900	
Vertical Cracks, Extent : Moderate, Area Affected : 20%								
Location : Main Entrance To The 1951 Addition								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Main Entrance To The 1951 Addition								
Explanation : Sidewalk Shed In Use								
Windows								
Aluminum	40%			2048	* *	5	$3,400	
Wood	60%			2040	* *	5	$50,400	
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$3,900	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Metal Rail	10%			2045	* *	5-10	$8,300	
Roof								
Built-Up (BUR)	70%			2032	$271,900	10	$23,300	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2047	* *	10	$4,200	
IRMA/Protected Membrane	25%	Now	$19,700	2032	$196,900			
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : 1951 Wing								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Various Lower Roofs								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Room 517								
Interior								
Floors								
Carpet	10%			2031	$312,700	3	$26,500	
Cast in Place Concrete	10%			LIFE	* *	5	$38,700	
Ceramic Tile	5%			2041	* *	5	$8,800	
Quarry Tile	5%			2045	* *	5	$13,300	
Terrazzo	5%			LIFE	* *	5	$6,900	
Vinyl Tile	40%			2037	* *	3	$26,500	
Vinyl Tile 9" X 9"	15%			2027	$4,680,000	3	$13,300	
Wood	10%			2035	* *	5	$33,100	
Worn/Eroded, Extent : Moderate, Area Affected : 90%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$9,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,800	
Masonry: Brick	10%	4+	$72,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Area In Basement								
Operable Wall	2%			2032	$440,500	5	$13,200	
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$25,500	
SGFT/Glazed Masonry	28%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$56,900	2037	* *	5	$8,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Corridors, Lunchroom And Gymnasium								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout Corridors, Lunchroom And Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout Corridors, Lunchroom And Gymnasium								
AcousTileConcealSpLn	15%			2037	* *	5	$33,100	
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,100	
Plaster	60%			LIFE	* *	5	$66,300	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2052	* *			
Iron Picket	20%			2052	* *			
Retaining Walls								
Cast in Place Concrete	50%			2052	* *			
Concrete Masonry Unit	25%			2042	* *			
Masonry: Brick	25%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$3,700	2045	* *			
Tripping Hazard, Extent : Severe, Area Affected : 1%								
Location : South 3rd Street								
On-Site Walkways								
Cast in Place Concrete	95%			2037	* *			
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Asphalt	30%			2041	* *			
Cast in Place Concrete	25%			2045	* *			
Rubber Matting	45%			2037	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%			2062	* *	5	$500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Electric Service Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,200 Ampere Main Disconnect Switches For Service A And B								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$260,100	5	$3,000	
Raceway								
Conduit	100%			2032	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$300	
Molded Case Bkrs	90%	Now	$21,600	2031	$215,500	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Explanation : Cafeteria Lighting Panel Overloaded And Circuit Breakers Frequently Trip								
Wiring								
Braided Cloth	80%	2-4	$273,500	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$68,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main In Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2040	* *	10	$94,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	8%	Now	$2,700	2040	* *			
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Bathroom And Locker Room								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
Explanation : Compact Fluorescent Bulbs Are Burnt Out In Auditorium Fixtures								
LED	2%			2042	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2027	$96,500	10	$13,900	
Exit, Service	50%			2027	$24,800	1		
Exterior Lighting								
LED	10%			2040	* *			
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$64,800	2042	* *	1	$11,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Under Construction								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$21,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$267,400	5	$35,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$601,400	2052	* *	1	$102,500	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$18,400	2042	* *			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Condensate Return Line								
Terminal Devices								
Air Handler	10%	Now	$10,800	2032	$216,400	1	$6,400	
Broken, Extent : Severe, Area Affected : 20%								
Location : Damaged Coils, Gymnasium Fan								
Convector/Radiator	90%			2037	* *	1	$33,400	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2037	* *	2	$700	
Abandoned in Place, Extent : Light, Area Affected : 10%								
Location : Roof Unit For Science Laboratory								
Split Unit	5%			2032	$136,500			
Window/Wall Unit	75%			2027	$326,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,100	
Exhaust Fans								
Interior	20%			2032	$102,000	2	$700	
Roof	80%	2-4	$178,500	2042	* *	2	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof Units Need Repair Often								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$29,400	2037	* *	1		
Broken, Extent : Severe, Area Affected : 2%								
Location : Hot Water Mixing Valve								
On Extended Life, Extent : Moderate, Area Affected : 2%								
Location : Hot Water Mixing Valve								
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2032	$17,100	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$11,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$23,000	4	$3,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,600	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 56 - M**		
Address	: **220 HENRY STREET BTWN: CLINTON & MONTGOMERY STS.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M056**
Program / Asset #	: **BOE0033.000 / 1674**	**Yr Built/Renovated**	: **1968 / 2008**
Area Sq Ft	: **153,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **269** **Lot** : **41**	**BIN**	: **1003223**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,320,400	$401,800
Interior Architecture	$742,300	$20,991,700
Electrical	$339,600	$2,291,400
Mechanical		$2,302,400
Site Pavements	$50,800	
Total	**$2,453,100**	**$25,987,300**
Importance Code A	$1,320,400	$453,200
Importance Code B	$1,057,700	$25,534,100
Importance Code C	$75,000	
Total	**$2,453,100**	**$25,987,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,200		$9,500	
Interior Architecture	$242,700		$37,300	$19,300
Electrical	$36,100	$14,300	$14,800	$19,100
Mechanical	$101,300	$10,200	$21,100	$13,600
Site Pavements	$26,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$418,100**	**$28,400**	**$86,700**	**$56,000**
Importance Code A	$7,200		$13,600	
Importance Code B	$254,800	$28,400	$73,100	$56,000
Importance Code C	$156,100			
Total	**$418,100**	**$28,400**	**$86,700**	**$56,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	2%	Now	$97,500	LIFE	* *	5	$3,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Clinton And Madison								
Masonry: Brick Cavity	93%			LIFE	* *	5	$358,900	
Masonry: Limestone	5%			LIFE	* *	5	$14,500	
Windows								
Aluminum	100%	Now	$715,700	2049	* *	5	$25,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Metal: Cage/Fence	100%			2046	* *	5-10	$89,400	
Roof								
Metal Panel	5%			2046	* *	10	$9,500	
Modified Bitumen	95%			2041	* *	10	$98,700	
Soffits								
Cast in Place Concrete	25%	Now	$185,800	LIFE	* *	5	$29,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : All Exterior Soffits Various Locations								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	75%			LIFE	* *	5	$179,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$90,100	
Ceramic Tile	5%			2042	* *	5	$10,300	
Terrazzo	5%			LIFE	* *	5	$16,100	
Vinyl Tile	15%			2038	* *	3	$11,600	
Vinyl Tile	5%			2041	* *	3	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Nasa Wing								
Explanation : Space Station Theme								
Vinyl Tile 9" X 9"	55%	Now	$400,000	2028	$20,002,100	3	$42,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Wood	5%			2048	* *	5	$19,300	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$32,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$10,300	
Folding Partition	1%	Now	$35,600	2049	* *	5	$3,200	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Glazed Ceramic Panel	5%			LIFE	* *	10	$11,600	
Gypsum Board	3%			LIFE	* *	5-10	$13,100	
Plaster	53%			LIFE	* *	5-10	$115,900	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$32,200	
Wood	3%			LIFE	* *	5	$61,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Nasa Section Corridors								
Explanation : Vinyl Composite Wall Board								
Ceilings								
AcousTile,Adhered	5%	Now	$165,800	2053	* *	5	$5,200	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 50%								
Location : Basement								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Basement								
AcousTile,Adhered	5%			2053	* *	5	$10,300	
AcousTileConcealSpLn	25%			2031	$828,900	5	$64,400	
AcousTileSusp.Lay-In	5%			2038	* *	5	$10,300	
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$115,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$20,600	
Fiber Board	5%			2033	$160,700			
Metal Panel	5%			LIFE	* *	5	$25,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Nasa Corridor Section								
Explanation : Space Station Theme								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2043	* *			
Iron Picket	60%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Handball Court								
Explanation : Handball Court Wall								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$50,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Henry Street								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	100%	4+	$26,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$700	
Raceway								
Conduit	100%			2033	$288,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$15,000	5	$200	
Molded Case Bkrs	95%			2032	$284,400	5	$3,800	
Wiring								
Braided Cloth	85%	2-4	$339,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2033	$59,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2043	* *	10	$121,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$115,500	10	$16,600	
Exit, Service	50%			2028	$29,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%			2028	$214,200	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$287,200	1	$57,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Offices								
Explanation : CCTV Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$394,700	1-3	$97,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2036	* *	5	$8,200	
Distribution								
Steam Piping/Pump	5%	0-2	$5,500	2033	$55,100			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return Control. Basement								
Steam Piping/Pump	95%			2033	$1,047,300			
Terminal Devices								
Air Handler	20%			2033	$518,100	1	$17,000	
Convector/Radiator	80%			2038	* *	1	$35,600	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	70%	0-2	$36,500	2028	$365,100	1		
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$121,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2033	$183,200	2	$1,300	
Roof	70%			2041	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	10%			2031	$2,400	4		
No Component	90%							
HW Heat Exchanger								
Steam Fired	10%	0-2	$6,700	2043	* *	4	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Mechanical Equipment Room								
Explanation : 1 Defective Unit Installed A Few Years Ago								
Steam Fired	90%			2043	* *	4	$12,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$27,600	4	$4,400	
Sewage Ejector(s)								
Electric	100%			2033	$72,100	4	$8,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Duplex								
Backflow Preventer								
Generic	100%			2033	$61,500	1	$8,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To Ground Floor								
Explanation : 1 Sidewalk Unit. It Is Not In Service.								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Serves Partial Of 1st Floor Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 57 - BK**		
Address	: **125 STUYVESANT AVENUE BTWN: GREENE AVE., VAN BUREN ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K057**
Program / Asset #	: **BOE0385.000 / 1407**	**Yr Built/Renovated**	: **1954 / 2011**
Area Sq Ft	: **133,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,Ph**		
Block	: **1616** **Lot** : **1**	**BIN**	: **3043822**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,224,300	$172,600
Interior Architecture	$2,991,300	$4,128,700
Electrical	$602,800	$819,500
Mechanical	$2,570,400	$2,917,500
Site Enclosure	$62,800	
Total	**$7,451,700**	**$8,038,300**
Importance Code A	$1,224,300	$1,331,900
Importance Code B	$5,267,900	$6,656,400
Importance Code C	$959,500	$50,100
Total	**$7,451,700**	**$8,038,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,200		$7,200	
Interior Architecture	$48,500			$17,500
Electrical	$21,600	$13,700	$12,900	$15,200
Mechanical	$72,600	$23,400	$29,800	$19,300
Site Enclosure	$11,000			
Site Pavements	$79,300			
Total	**$260,100**	**$37,100**	**$49,900**	**$52,000**
Importance Code A	$40,400	$13,200	$20,400	$13,200
Importance Code B	$148,300	$23,900	$29,500	$38,800
Importance Code C	$71,300			
Total	**$260,100**	**$37,100**	**$49,900**	**$52,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$345,200	
Masonry: Limestone	5%			LIFE	* *	5	$13,600	
Windows								
Aluminum	98%	Now	$540,500	2049	* *	5	$28,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Classrooms Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And Gymnasium								
Metal Louvers	2%			2036	* *	10	$7,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$142,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$14,100	
Metal Rail	5%	2-4	$7,800	2038	* *	5	$8,200	
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Upper Roof								
Roof								
Modified Bitumen	100%	Now	$389,600	2038	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Throughout Upper And Lower Roofs								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Throughout Upper And Lower Roofs								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Upper And Lower Roofs								
Soffits								
Stucco Cement	100%			2038	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	4+	$85,200	LIFE	* *	5	$43,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$56,500	2042	* *	5	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Kitchen And Toilets Throughout								
Poured Epoxy/Resin	5%			2028	$561,200			
Terrazzo	5%	0-2	$93,700	LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Lobby								
Vinyl Tile	62%	Now	$171,600	2033	$3,431,500	3	$46,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Classrooms And Corridors Throughout								
Vinyl Tile 9" X 9"	8%	Now	$1,414,400	2043	* *	3	$6,000	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%								
Location : Stairs Behind Stage								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Stairs Behind Stage								
Wood	5%	0-2	$29,900	2048	* *	5	$9,400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Gymnasium And Stage								
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Gymnasium And Stage								
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Gymnasium And Stage								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$50,100	2042	* *	5	$4,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	5%	0-2	$142,700	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement Fan Room								
Folding Partition	3%	Now	$126,200	2041	* *	5	$11,400	
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Glazed Ceramic Panel	4%	2-4	$18,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Masonry: Brick	5%	Now	$144,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	55%			LIFE	* *	5-10	$142,000	
SGFT/Glazed Masonry	25%	0-2	$341,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout								
Ceilings								
Exposed Struc: Concrete	30%			LIFE	* *	5-10	$73,600	
Plaster	70%	Now	$208,900	LIFE	* *	5	$85,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Auditorium And 3rd Floor Classrooms								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Auditorium And 3rd Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	20%	Now	$62,800	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : South Lot Line Fence								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : South Lot Line Fence								
Iron Picket	80%	Now	$11,000	2053	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : At Parking Lot Entrance								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$37,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%	2-4	$6,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : At Building Entrances								
Parking/Driveway								
Asphalt	100%	4+	$35,700	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Emergency Lighting Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	80%			2053	* *	1		
Conduit	20%			2033	$57,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$15,000	5	$200	
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	75%			2055	* *	5	$2,600	
Molded Case Bkrs	10%			2032	$29,900	5	$400	
Wiring								
Braided Cloth	65%	0-2	$259,700	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2033	$99,900	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	$108,900	5	$500	
Locally Mounted	40%			2046	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$117,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Battery	45%			2028	$100,500	10	$14,400	
Emergency, Battery	5%			2041	* *	10	$1,600	
Exit, Service	10%			2041	* *	1		
Exit, Service	40%			2028	$22,900	1		
Exterior Lighting								
HID	9%			2028	$55,900	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Location Noted								
LED	1%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Walls								
Explanation : Location Noted								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$249,700	1	$49,700	
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$343,100	2043	* *	1-3	$74,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2031	$1,159,300	1	$131,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2033	$500,600	1	$16,500	
Convector/Radiator	80%			2038	* *	1	$34,400	
Controls								
Pneumatic	100%			2027	$2,570,400			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$157,900			
Window/Wall Unit	85%			2028	$428,300	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$117,400	
Exhaust Fans								
Interior	90%	Now	$10,600	2033	$530,900	2	$2,900	
Damaged, Extent : Moderate, Area Affected : 2%								
Location : Outside Air Damper For House Exhaust								
Roof	10%			2033	$25,800	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$70,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And Kitchen								
Explanation : Kitchen Unit Is 50 Gallons And Main Unit Is 120 Gallons. Quantity 3.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$26,600	4	$4,200	
Sewage Ejector(s)								
Electric	100%			2033	$69,600	4	$7,900	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2043	* *	1-2	$7,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 67 - Q**		
Address	: **51-60 MARATHON PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q067**
Program / Asset #	: **BOE0721.000 / 558**	**Yr Built/Renovated**	: **1956 / 2008**
Area Sq Ft	: **149,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Sep-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **8221** **Lot** : **12**	**BIN**	: **4170797**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$538,600	$1,325,800
Interior Architecture	$11,381,100	$103,900
Electrical	$865,500	$800,200
Mechanical	$481,900	$4,800,000
Total	**$13,267,100**	**$7,029,800**
Importance Code A	$538,600	$2,624,500
Importance Code B	$12,425,400	$4,405,300
Importance Code C	$303,100	
Total	**$13,267,100**	**$7,029,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,600	$30,400		$15,000
Interior Architecture	$48,300	$16,300		$7,400
Electrical	$1,700	$4,800	$5,500	$36,500
Mechanical	$195,000	$22,600	$33,000	$61,100
Site Enclosure	$18,000			
Site Pavements	$47,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$356,600**	**$78,100**	**$42,400**	**$123,900**
Importance Code A	$57,300	$45,200	$14,800	$30,100
Importance Code B	$256,700	$32,900	$27,700	$93,800
Importance Code C	$42,500			
Total	**$356,600**	**$78,100**	**$42,400**	**$123,900**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	20%	Now	$110,000	LIFE	* *	5	$26,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Masonry: Brick Cavity	73%			LIFE	* *	5	$97,500	
Painted Surfaces, Extent : Light, Area Affected : 15%								
Location : Ground Level								
Masonry: Limestone	5%			LIFE	* *	5	$5,000	
Marble Panels	2%			LIFE	* *	5	$2,000	
Windows								
Aluminum	100%	Now	$27,600	2048	* *	5	$14,500	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Rooms 146, 218, 318 And Library								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$14,800	
Metal Panel	5%	Now	$7,500	2052	* *	5	$1,800	
Seams Open/Split, Extent : Moderate, Area Affected : 15%								
Location : Throughout Roof Parapet								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Metal Rail	15%			2045	* *	5-10	$50,100	
Roof								
Built-Up (BUR)	43%	Now	$60,200	2040	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Copper/Terne	5%			2047	* *	10	$15,000	
Single Ply Membrane	50%	Now	$368,500	2032	$1,228,300			1
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Main Roof Leak Into 3rd Floor Classrooms								
Skylight, Metal/Glass	2%			2042	* *	10	$8,000	
Soffits								
Stucco Cement	100%	4+	$7,400	2045	* *	5	$4,300	
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Entry Canopy								
Interior								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gas Room								
Mosaic Tile	5%	0-2	$22,300	2037	* *	5	$14,800	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen, Cafeteria And Bathrooms								
Terrazzo	5%			LIFE	* *	5	$9,300	
Vinyl Tile	55%			2037	* *	3	$49,000	
Vinyl Tile 9" X 9"	25%			2027	$10,474,600	3	$29,700	
Wood	5%	Now	$141,600	2047	* *	5	$11,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Auditorium Stage								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Bleachers								
Patching Evident, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Ridging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Folding Partition								
Uneven Surface, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	65%	Now	$226,200	LIFE	* *	5	$48,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank Room								
Folding Partition	3%	Now	$76,900	2040	* *	5	$6,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Top Track								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Top Of Partition								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	10%	Now	$9,000	LIFE	* *	5	$5,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classrooms								
SGFT/Glazed Masonry	17%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%	Now	$9,600	2052	* *	5	$7,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Folding Partition								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
AcousTileConcealSpLn	35%			2045	* *	5	$103,900	
Exposed Struc: Concrete	15%			LIFE	* *	5	$5,600	
Metal Panel	10%	Now	$157,200	LIFE	* *	5	$29,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Sub-basement								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Sub-basement								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Sub-basement								
Plaster	35%	Now	$252,700	LIFE	* *	5	$51,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	50%	2-4	$18,000	2042	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Driveway And Parking Lot								
Iron Picket	50%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$31,700	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Marathon Parkway								
On-Site Walkways								
Asphalt	25%	2-4	$2,800	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Building Side Walkway								
Cast in Place Concrete	75%			2045	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	50%	2-4	$8,200	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Driveway								
Cast in Place Concrete	50%	2-4	$4,500	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches Rated At 1200 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	20%			2052	* *	5	$100	
Fused Knife Sw	80%	2-4	$234,100	2062	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	85%			2032	$245,500	1		
Conduit	15%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$200	
Fused Disc Sw	10%			2031	$29,900	5	$300	
Fused Knife Sw	15%			2057	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	60%			2031	$179,600	5	$2,400	
Molded Case Bkrs	10%			2048	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$319,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$163,300	5	$900	
Motor Control Center	10%			2030	$72,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2037	* *	10	$132,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T=8 Lamps								
Fluorescent	1%			2037	* *	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	25%			2037	* *	10	$9,000	
Emergency, Battery	25%			2027	$62,500	10	$9,000	
Exit, Service	30%			2037	* *	1		
Exit, Service	20%			2027	$12,800	1		
Exterior Lighting								
HID	20%			2032	$139,100	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$16,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$115,300	2042	* *	1-3	$25,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm Systems Have Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2032	$341,900	5	$46,200	
Conversion Equipment								
Steam Boiler	100%			2030	$1,298,700	1	$147,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%	0-2	$23,900	2042	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Steam Piping/Pump	90%			2032	$1,073,900			
Terminal Devices								
Air Handler	20%	0-2	$11,200	2032	$560,800	1	$16,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Various Areas								
Convector/Radiator	80%	0-2	$19,500	2037	* *	1	$34,700	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Valves, Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$33,900	2032	$56,400	1		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	70%			2027	$395,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%	Now	$32,700	LIFE	* *	2-5	$20,800	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Louvers								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$62,300	
Exhaust Fans								
Interior	40%			2032	$264,300	2	$1,800	
Roof	30%	0-2	$43,400	2042	* *	2	$1,100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Roof	30%			2027	$86,700	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%	0-2	$7,600	2030	$380,400	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2032	$720,500	4	$22,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$4,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$103,000	1-2	$2,100	
Chemical System								
No Component	99%							
Generic	1%			2031	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 70 - M**
Address : **333 WEST 17 STREET @ 8TH - 9TH AVES.**
Borough : **MANHATTAN**
Agency's Number : **M070**
Program / Asset # : **BOE0043.000 / 1677**
Yr Built/Renovated : **1966 / 2011**
Area Sq Ft : **150,000**
Project Type : **EDUCATION**
Date of Survey : **19-Dec-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **741** **Lot** : **10** **BIN** : **1079152**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$63,800
Interior Architecture	$29,288,100	
Electrical	$653,800	$1,131,300
Mechanical	$2,868,200	$3,709,600
Total	**$32,810,100**	**$4,904,600**
Importance Code A		$1,396,900
Importance Code B	$32,810,100	$3,507,700
Total	**$32,810,100**	**$4,904,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,700		$17,300	$2,200
Interior Architecture	$86,600		$17,300	$22,700
Electrical	$22,400	$4,500	$2,900	$2,500
Mechanical	$89,100	$25,200	$60,300	$35,700
Site Enclosure	$2,400			
Site Pavements	$33,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$297,000**	**$37,600**	**$105,700**	**$71,000**
Importance Code A	$69,600	$14,900	$32,500	$17,000
Importance Code B	$213,500	$22,800	$73,200	$54,000
Importance Code C	$13,900			
Total	**$297,000**	**$37,600**	**$105,700**	**$71,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$63,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$24,400	
Window Wall	5%			2051	* *	5	$14,100	
Windows								
Aluminum	98%			2047	* *	5	$4,300	
Aluminum	2%	Now	$4,200	2056	* *	5		
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$7,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,500	
Roof								
Built-Up (BUR)	40%	Now	$23,200	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Cafeteria								
Copper/Terne	2%			2046	* *	10	$5,000	
IRMA/Protected Membrane	58%	Now	$27,300	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Upper Roof								
Soffits								
Cement - Fiber Panel	100%			2036	* *	10	$5,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$24,300	
Ceramic Tile	3%	Now	$18,800	2034	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Staff Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Staff Toilets								
Terrazzo	5%			LIFE	* *	5	$8,700	
Vinyl Tile	10%	0-2	$12,300	2036	* *	3	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Cafeteria Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Classrooms And Cafeteria Throughout								
Vinyl Tile 9" X 9"	72%	Now	$563,800	2026	$28,188,900	3	$59,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Wood	5%			2046	* *	5	$20,800	
Interior Walls								
Ceramic Tile	3%	Now	$11,500	2040	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Staff Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Staff Toilets								
Concrete Masonry Unit	15%			LIFE	* *	5	$8,400	
Masonry: Brick	10%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$19,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$214,200	2036	* *	5	$16,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
AcousTileConcealSpLn	15%	4+	$321,300	2051	* *	5	$20,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	5%			2051	* *	5	$13,900	
Exposed Struc: Concrete	40%			LIFE	* *	5	$13,900	
Metal Panel	3%	0-2	$44,100	LIFE	* *	5	$8,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Corridor And Kitchen								
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : 4th Floor Corridor And Kitchen								
Metal Panel	7%			LIFE	* *	5	$19,400	
Plaster	15%			LIFE	* *	5	$20,800	
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$2,400	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gates To Schoolyard Not Functioning								
Iron Picket	50%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$16,400	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along 17th And 18th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%	0-2	$17,500	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2031	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2044	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 225 Kilovolt-ampere, 208pri - 480/277sec Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$600	
Raceway								
Conduit	80%			2031	$231,100	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	7%			2030	$21,000	5	$200	
Fused Disc Sw	3%			2047	* *	5	$100	
Molded Case Bkrs	80%			2030	$239,500	5	$3,200	
Molded Case Bkrs	10%			2047	* *	5	$400	
Wiring								
Braided Cloth	50%	2-4	$199,800	2056	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2031	$119,900	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$145,200	5	$800	
Locally Mounted	20%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,100	
Generic	50%			LIFE	* *	5	$1,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2036	* *	10	$126,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2036	* *	10	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lamps								
LED	5%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium								
Explanation : LED Fixtures Installed In 2017.								
Egress Lighting								
Emergency, Battery	45%	2-4	$113,300	2041	* *			
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Emergency, Battery	5%			2039	* *	10	$1,800	
Exit, Service	50%	2-4	$19,400	2041	* *	1		
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Exterior Lighting								
HID	30%	2-4	$210,000	2041	* *			
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
No Component	70%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2036	* *	1	$5,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2031	$77,400	1-3	$18,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	80%			2031	$279,000	5	$37,200	
Solar Panels	20%			2041	* *	2	$1,800	
Conversion Equipment								
Steam Boiler	100%			2029	$1,307,400	1	$148,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$24,000	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Steam Header Valves, Basement Boiler Room								
Terminal Devices								
Convector/Radiator	60%			2029	$736,000	1	$29,100	
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : See Air Conditioning Units								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2026	$885,200	1	$27,800	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 1st Floor Mechanical Room								
Window/Wall Unit	50%			2026	$284,100	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2031	$87,300	4	$3,000	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%	Now	$21,000	2026	$1,047,800	1	$33,400	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Leaky Steam And Chilled Water Coils In Cafeteria Unit								
No Component	60%							
Heat Rejection								
Dry Cooler	40%			2026	$247,800	2	$41,800	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$50,200	
No Component	40%							
Exhaust Fans								
Interior	30%			2026	$199,600	2	$1,400	
Roof	70%	Now	$4,100	2026	$203,700	2	$2,600	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Kitchen Hood Exhaust. Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2029	$574,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Unit Not Yet Commissioned For Use.								
HW Heat Exchanger								
Steam Fired	100%			2031	$725,300	4	$14,800	
Abandoned in Place, Extent : Severe, Area Affected : 50%								
Location : 1 Unit, 1st Floor Fan Room								
Other Observation, Extent : Light, Area Affected : 50%								
Location : 1st Floor Fan Room								
Explanation : 2 Units. 1 Unit In Use Pending Commissioning Of Hot Water Heater.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$10,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Roof Drain Above Boiler Room								
Sump Pump(s)								
Non-Submersible	100%			2031	$30,000	4	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From 1st To 4th Floor, 1 Unit From Basement To 1st Floor								
Explanation : 2 Units. The Freight Elevator Is Not In Operation								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$4,200	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 72 - Q**		
Address	: **133-25 GUY R. BREWER BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q072**
Program / Asset #	: **BOE0726.000 / 970**	**Yr Built/Renovated**	: **1967 / 2011**
Area Sq Ft	: **148,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **12495** **Lot** : **270**	**BIN**	: **4270059**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,942,600	$433,300
Interior Architecture	$1,945,500	$228,000
Electrical	$691,500	$953,800
Mechanical	$397,900	$3,681,100
Site Pavements	$160,200	
Total	**$5,137,700**	**$5,296,100**
Importance Code A	$1,942,600	$1,764,400
Importance Code B	$3,034,900	$3,531,700
Importance Code C	$160,200	
Total	**$5,137,700**	**$5,296,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$67,400			
Interior Architecture	$84,900	$1,600	$28,500	$21,600
Electrical	$17,900	$11,600	$19,600	$12,900
Mechanical	$137,400	$20,800	$56,000	$22,400
Site Enclosure	$6,100			
Site Pavements	$29,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$347,000**	**$38,000**	**$107,900**	**$60,800**
Importance Code A	$83,700	$14,700	$15,000	$14,700
Importance Code B	$211,800	$21,700	$92,900	$46,200
Importance Code C	$51,500	$1,600		
Total	**$347,000**	**$38,000**	**$107,900**	**$60,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	2-4	$49,100	LIFE	* *	5	$82,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : All Facades								
Masonry: Brick	60%			LIFE	* *	5	$98,400	
Pre-Cast Concrete	10%	2-4	$59,500	LIFE	* *	5	$53,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 65%								
Location : All Facades								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Vertical Panels								
Pre-Cast Concrete	20%			LIFE	* *	5	$106,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor								
Explanation : Concrete Panels With Aggregate								
Windows								
Aluminum	5%	Now	$92,900	2056	* *	5	$1,000	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Bulkhead Windows								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 5%								
Location : Bulkhead Windows								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Bulkhead Windows								
Aluminum	92%	Now	$1,709,200	2056	* *	5	$17,900	1
Air Infiltration, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Metal Louvers	3%			2034	* *	10	$7,300	
Parapets								
Cast in Place Concrete	90%			LIFE	* *	5	$92,800	
Metal Rail	10%			2044	* *	5-10	$18,100	
Roof								
Copper/Terne	5%			2059	* *	10	$19,500	
Modified Bitumen	95%	2-4	$81,000	2036	* *			
Ponding, Extent : Light, Area Affected : 5%								
Location : All Roofs								
Vegetation Growth, Extent : Moderate, Area Affected : 3%								
Location : Main Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$39,200	LIFE	* *	5	$50,400	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Basement Boiler Room And Fan Room								
Explanation : Ground Water								
Mosaic Tile	5%			2044	* *	5	$28,800	
Vinyl Tile	5%			2036	* *	3	$5,800	
Vinyl Tile 9" X 9"	70%	Now	$1,424,400	2041	* *	3	$60,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Classrooms								
Wood	10%	Now	$68,800	2046	* *	5	$21,600	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Gymnasium At Water Fountains								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	1%			2040	* *	5	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Hand Made Tile Wall								
Concrete Masonry Unit	10%			LIFE	* *	5	$12,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,400	
Folding Partition	4%			2039	* *	5	$31,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$47,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2036	* *	5	$56,900	
Exposed Struc: Concrete	45%			LIFE	* *	5	$16,000	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2031	$177,500			
Gypsum Board	5%			LIFE	* *	5	$14,200	
Metal Panel	10%	Now	$452,300	LIFE	* *	5	$28,500	
Deformed/Dented, Extent : Moderate, Area Affected : 35%								
Location : First And Fourth Floor Corridor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor								
Vandalism, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor								
Plaster	10%	Now	$13,800	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Boys Bathroom On Third And Fourth Floor								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$4,300	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : North Side Of Property								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : North Side Of Property								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : North Side Of Property								
Iron Picket	50%	Now	$1,900	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Guy R. Brewer Boulevard								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Guy R. Brewer Boulevard								
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2044	* *			
Pavers/Stone	20%			2034	* *			
Parking/Driveway								
Asphalt	40%	Now	$29,400	2034	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Driveway								
Cast in Place Concrete	50%			2044	* *			
Pavers/Stone	10%	Now	$160,200	2046	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Rear At End Of Driveway								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Rear At End Of Driveway								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Rear At End Of Driveway								
Activity Yard								
Asphalt	80%			2040	* *			
Cast in Place Concrete	5%			2044	* *			
Pavers/Stone	10%			2040	* *			
Rubber Matting	5%			2031	$37,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2031	$41,100	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Fused Disc Sw	20%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 800 Amperes Serving The Solar Panels.								
Transformers								
Dry Type	100%			2044	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 225 Kilovolt-amperes, 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$600	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	25%			2030	$74,800	5	$900	
Fused Disc Sw	5%			2047	* *	5	$200	
Molded Case Bkrs	5%			2047	* *	5	$200	
Molded Case Bkrs	65%			2030	$194,600	5	$2,500	
Wiring								
Braided Cloth	90%	2-4	$359,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$500	
Locally Mounted	50%			2044	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$130,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2036	* *	10	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Compact Fluorescent Lights								
Fluorescent	1%	Now	$4,400	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Oil Tank Room								
Explanation : Malfunctioning								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	25%	Now	$62,100	2041	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : 1st Floor Hallway								
Emergency, Battery	25%			2036	* *	10	$8,900	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	10%	Now	$69,100	2041	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof								
HID	10%			2026	$69,100	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$16,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$94,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$45,900	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	15%	0-2	$3,900	2029	$193,500	1	$19,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : No.2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	85%			2029	$1,096,500	1	$124,600	
Distribution								
Steam Piping/Pump	10%	0-2	$47,400	2041	* *			
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Thermostats Or Control Valves, Various Locations								
Steam Piping/Pump	90%			2041	* *			
Terminal Devices								
Air Handler	25%			2031	$696,300	1	$22,900	
Convector/Radiator	75%			2029	$907,700	1	$35,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2024	$168,200	1		
Window/Wall Unit	10%	0-2	$33,600	2031	$56,100	1		
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$13,000	LIFE	* *	2-5	$8,300	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Louver For Auditorium								
Insul. Deteriorating, Extent : Moderate, Area Affected : 15%								
Location : Basement Fan Room								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$74,300	
Exhaust Fans								
Interior	20%	0-2	$6,600	2031	$131,300	2	$700	
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : The Unit For Auditorium And Gymnasium								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Alert: There Is No Vent For The Gas Room B-100								
Roof	80%	0-2	$11,500	2026	$229,700	2	$2,900	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Plumbing								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$377,900	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$119,600	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$29,600	4	$3,100	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$8,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Boys Bathroom								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit. It Is Out Of Service Frequently.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$102,300	1-2	$2,100	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 99 - M**		
Address	: **410 EAST 100 STREET @FIRST AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M099**
Program / Asset #	: **BOE0057.000 / 1713**	**Yr Built/Renovated**	: **1925 / 2014**
Area Sq Ft	: **115,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1693** **Lot** : **1**	**BIN**	: **1052998**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$200,400	$50,300
Interior Architecture	$3,380,300	$3,327,000
Electrical	$499,200	$839,800
Mechanical	$343,800	$2,423,200
Total	**$4,423,700**	**$6,640,300**
Importance Code A	$200,400	$96,600
Importance Code B	$4,223,300	$6,543,800
Total	**$4,423,700**	**$6,640,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,400			$14,700
Interior Architecture	$56,600	$4,800	$19,800	$11,400
Electrical	$69,400	$3,300	$4,400	$34,500
Mechanical	$138,800	$23,200	$34,100	$29,500
Site Enclosure	$12,600			
Site Pavements	$69,900			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$366,600**	**$36,200**	**$63,300**	**$95,000**
Importance Code A	$36,700	$12,700	$12,700	$27,600
Importance Code B	$267,800	$23,500	$45,200	$67,300
Importance Code C	$62,100		$5,400	
Total	**$366,600**	**$36,200**	**$63,300**	**$95,000**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$24,600	
Masonry: Brick	80%	Now	$82,800	LIFE	* *	5	$50,300	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Stair B								
Masonry: Granite	15%			LIFE	* *	5	$7,100	
Windows								
Aluminum	100%	4+	$55,500	2040	* *	5	$29,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,600	
Masonry: Brick	70%			LIFE	* *	5	$11,400	
Metal: Cage/Fence	20%			2037	* *	5-10	$25,200	
Roof								
Copper/Terne	2%			2060	* *	10	$3,700	
Modified Bitumen	83%			2037	* *	10	$62,000	
Plaza Roof: Stone Panels	15%	Now	$14,400	2052	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Garden Roof Area								
Explanation : Broken Precast Concrete Pavers								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$62,800	
Ceramic Tile	5%	4+	$27,000	2041	* *	5	$4,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Bathrooms								
Terrazzo	5%			LIFE	* *	5	$7,500	
Vinyl Tile	60%			2032	$3,174,600	3	$43,100	
Vinyl Tile 9" X 9"	10%			2027	$3,380,300	3	$9,600	
Wood	5%			2047	* *	5	$18,000	
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$10,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,700	
Masonry: Brick	10%			LIFE	* *			
Mosaic Tile	2%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$39,200	
SGFT/Glazed Masonry	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$12,300	2045	* *	5	$9,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%			2045	* *	5	$9,600	
Fiber Board	5%	Now	$14,900	2037	* *			
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$12,000	
Plaster	75%			LIFE	* *	5	$89,600	
Site Enclosure								
Fence/Gates								
Chain Link	80%	4+	$12,600	2052	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Rear Parking Area								
Iron Picket	20%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	60%	2-4	$8,800	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Interior Courtyard								
Cast in Place Concrete	25%			2045	* *			
Masonry: Granite	5%			LIFE	* *			
Panel/Paver: Bluestone	10%			LIFE	* *	5	$1,300	
Parking/Driveway								
Asphalt	100%	4+	$40,700	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : FDR Drive								
Activity Yard								
Asphalt	35%			2041	* *			
Pavers/Stone	25%	Now	$20,400	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : North Side Of Building								
Rubber Matting	5%			2037	* *			
No Component	35%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : North Side Of Building								
Explanation : This Is Actually An Artificial Grass Surface								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$260,100	5	$3,000	
Raceway								
Conduit	95%			2032	$231,500	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%	0-2	$24,000	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Molded Case Bkrs	10%	Now	$9,600	2048	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Fifth Floor								
Explanation : Main Circuit Breaker In Panel Pp Ac 5 Trips When All Air Conditioners Are Running								
Molded Case Bkrs	80%			2031	$191,600	5	$2,400	
Wiring								
Braided Cloth	90%	2-4	$307,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%	Now	$14,500	2052	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room Adjacent To Gymnasium								
Explanation : Fan One And Fan Two Starters Operate Intermittently								
Locally Mounted	20%			2045	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	Now	$10,400	LIFE	* *	5	$1,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Painted								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2040	* *	10	$110,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2027	$38,200	10	$2,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium And Basement								
Incandescent	2%	Now	$7,100	2042	* *	2		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Auditorium								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : All Light Fixtures In Auditorium Are Dark								
LED	2%			2040	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%	Now	$64,400	2042	* *			
Not Functioning, Extent : Moderate, Area Affected : 80%								
Location : Throughout The Building Corridors								
Exit, LED	2%			2060	* *	1		
Exit, Service	48%			2027	$26,500	1		
Exterior Lighting								
HID	2%			2037	* *	10		
LED	8%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Exterior Doors								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$12,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$89,000	1-3	$21,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Vault								
Explanation : No.2 Oil - One 8,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$22,300	2037	* *	1	$114,000	
Damaged, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room. Defective Automatic Feedwater Valve At Boiler-2.								
Leak Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room. Boiler-1 - 3 Tubes Plugged, Boiler-2 - 2 Tubes Plugged.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units.								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$72,000	2052	* *	4	$6,300	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium, Classrooms And Other Locations. Defective Pneumatic Control Valves And Pneumatic Tubing.								
Corroded, Extent : Severe, Area Affected : 2%								
Location : Boiler Room. Leaking Steam Condensate Pump And Corroded Tank.								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Basement Stair E And F, Basement Crawlspace Beneath Auditorium And Other Locations.								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Boiler Room. Defective Boiler Chemical Feed System.								
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : Boiler Room. Vacuum And Steam Condensate Pump Motors Were Replaced In 2019.								
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Explanation : 2019 Upgrade Of Float And Thermostatic Traps, Terminal Unit Thermostatic Traps And Thermostats.								
Terminal Devices								
Air Handler	20%	Now	$48,200	2032	$481,600	1	$14,200	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement Mechanical Area. Leaking Steam Coil At Auditorium Supply Fan System								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement								
Convector/Radiator	50%	Now	$10,500	2037	* *	1	$18,600	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats, Throughout								
Fan Coil Unit/Heat	30%	0-2	$190,400	2032	$951,800	1	$11,200	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout. Defective Unit Ventilators								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	85%	Now	$8,200	2030	$412,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,400	
Exhaust Fans								
Interior	90%	Now	$25,500	2032	$510,800	2	$2,800	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Roof. Defective Unit, Ef-1.								
Noisy/Vibrating, Extent : Light, Area Affected : 2%								
Location : Room 507								
Roof	10%			2032	$24,800	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 10%								
Location : Basement Crawlspace								
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Galvanized Steel	80%			2037	* *	1		
Water Heater With Tanks								
Electric	10%			2030	$2,400	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 120 Gallon Unit Serving Laboratories								
Electric	45%			2032	$10,600	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Area. Temporary Electric Water Heater Installed In 2021 To Operate In Place Of Defective Gas-fired Water Heater.								
Gas Fired	45%	Now	$200	2032	$7,700	2		
Damaged, Extent : Severe, Area Affected : 100%								
Location : Basement Mechanical Area. Damage Vessel Base, Leaking, Corroded.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Gallon Unit.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,000	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2032	$25,600	4	$4,100	
Sewage Ejector(s)								
Electric	100%	Now	$1,300	2032	$67,000	4	$5,100	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Room B12. 1 Of 2 Pump Malfunctioned.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Freight Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2052	* *	1-2	$3,600	
Chemical System								
Dry	100%			2027	$81,500	1-3	$78,900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 101 - BX**		
Address	: **2750 LAFAYETTE AVENUE @ CROSS BRONX EXPY.**		
Borough	: **BRONX**	**Agency's Number**	: **X101**
Program / Asset #	: **BOE0241.000 / 432**	**Yr Built/Renovated**	: **1957 / 2003**
Area Sq Ft	: **152,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5547** **Lot** : **1**	**BIN**	: **2080231**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,245,000	$798,000
Interior Architecture	$25,139,000	$111,100
Electrical	$376,700	$1,198,000
Mechanical	$460,700	$1,633,100
Total	**$27,221,400**	**$3,740,300**
Importance Code A	$1,245,000	$844,300
Importance Code B	$25,976,400	$2,896,000
Total	**$27,221,400**	**$3,740,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,300		$14,000	$14,200
Interior Architecture	$51,000	$2,800	$76,400	$5,900
Electrical	$4,300	$4,400	$5,200	$3,400
Mechanical	$56,200	$11,300	$21,900	$14,300
Total	**$119,700**	**$18,500**	**$117,400**	**$37,900**
Importance Code A	$8,300		$14,300	$14,200
Importance Code B	$99,900	$15,700	$103,100	$23,700
Importance Code C	$11,600	$2,800		
Total	**$119,700**	**$18,500**	**$117,400**	**$37,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$31,300	
Masonry: Brick	93%			LIFE	* *	5	$124,200	
Metal Panel	2%			2051	* *	5-10	$18,400	
Windows								
Aluminum	98%			2047	* *	5	$28,400	
Aluminum	2%	Now	$8,300	2053	* *	5	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Roof								
Copper/Terne	3%			2046	* *	10	$9,000	
Modified Bitumen	95%	Now	$1,245,000	2041	* *			1
Blisters, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Seams Open/Split, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Skylight, Metal/Glass	2%			2031	$673,800	10	$8,000	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$17,100	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Entrance								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$36,400	
Ceramic Tile	5%	Now	$33,500	2040	* *	5	$5,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Terrazzo	3%			LIFE	* *	5	$5,600	
Vinyl Tile	20%			2036	* *	3	$23,700	
Vinyl Tile 9" X 9"	60%			2026	$25,139,000	3	$53,400	
Other Observation, Extent : N/A, Area Affected : 60%								
Location : 1st, 2nd And 3rd Floor, Classrooms And Corridors								
Explanation : Tile Location								
Wood	5%			2046	* *	5	$22,300	
Interior Walls								
Ceramic Tile	3%			2040	* *	5	$5,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,400	
Folding Partition	5%			2039	* *	5	$23,100	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$30,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$35,600	
AcousTileConcealSpLn	20%			2036	* *	5	$59,300	
Exposed Struc: Concrete	48%			LIFE	* *	5	$17,800	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2031	$111,100			
Metal Panel	2%			LIFE	* *	5	$5,900	
Plaster	10%			LIFE	* *	5	$14,800	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2051	* *			
Iron Picket	95%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Asphalt	10%			2040	* *			
Cast in Place Concrete	85%			2036	* *			
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	95%			2040	* *			
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$46,300	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere And Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency And Fire Pump								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$292,600	5	$4,000	
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2041	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Molded Case Bkrs	70%			2030	$209,600	5	$2,800	
Molded Case Bkrs	20%			2039	* *	5	$800	
Wiring								
Braided Cloth	80%	2-4	$319,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2031	$59,900	1		
Thermoplastic	5%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$133,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$18,300	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$57,100	1	$11,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$19,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Temporary Boiler Being Used								
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	25%			2031	$715,100	1	$23,500	
Convector/Radiator	75%			2036	* *	1	$36,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$46,100	2026	$460,700	1		
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Various								
Explanation : 40 Percent Of Window Airconditioning Units Are Not Working Due To Mechanical And Electrical Defects								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,800	
Exhaust Fans								
Interior	70%			2031	$471,900	2	$3,300	
Roof	30%			2031	$88,500	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2041	* *	1		
Galvanized Steel	70%			2036	* *	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Temporary Water Heater Being Used								
HW Heat Exchanger								
Under Construction	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Sewage Ejector(s)								
Electric	100%			2031	$79,600	4	$6,100	
Backflow Preventer								
Generic	100%			2031	$67,900	1	$9,300	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$210,200	1-2	$4,300	
Fire Pump								
Generic	100%			2040	* *	1	$28,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 104 - M**
Address : **330 EAST 21 STREET @ SECOND AVENUE**
Borough : **MANHATTAN**
Agency's Number : **M104**
Program / Asset # : **BOE0059.000 / 1715**
Yr Built/Renovated : **1956 / 2013**
Area Sq Ft : **122,000**
Project Type : **EDUCATION**
Date of Survey : **20-Oct-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **926** **Lot** : **1** **BIN** : **1081671**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$548,600	$248,700
Interior Architecture	$14,528,300	
Electrical	$170,900	$625,600
Mechanical	$59,000	$2,067,900
Site Enclosure	$1,620,300	
Site Pavements	$214,100	
Total	**$17,141,300**	**$2,942,300**
Importance Code A	$548,600	$248,700
Importance Code B	$14,784,500	$2,693,500
Importance Code C	$1,808,200	
Total	**$17,141,300**	**$2,942,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$51,200			
Interior Architecture	$221,900		$23,500	$23,900
Electrical	$29,300	$11,500	$14,100	$12,100
Mechanical	$186,900	$30,200	$35,000	$17,200
Site Pavements	$24,100			
Total	**$513,400**	**$41,600**	**$72,700**	**$53,200**
Importance Code A	$51,200		$3,600	
Importance Code B	$392,400	$41,600	$69,000	$46,600
Importance Code C	$69,800			$6,500
Total	**$513,400**	**$41,600**	**$72,700**	**$53,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	7%	Now	$86,400	LIFE	* *	5	$10,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Southeast Corner Of Upper Wing And Northeast Corner Of Lower Wing								
Masonry: Brick	80%			LIFE	* *	5	$239,700	
Masonry: Limestone	5%	2-4	$59,000	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Window Panel Insets								
Granite Panels	8%	0-2	$147,500	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	99%	4+	$66,900	2055	* *	5	$14,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	1%	Now	$11,400	2058	* *	5	$1,400	
Dry Rot/Decay, Extent : Severe, Area Affected : 100%								
Location : Stair Bulkhead								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$37,200	
Masonry: Brick	90%			LIFE	* *	5-10	$80,700	
Roof								
Built-Up (BUR)	90%			2038	* *	10	$118,400	
Copper/Terne	5%			2061	* *	10	$16,400	
Skylight, Plastic	5%			2038	* *	1		
Soffits								
Cast in Place Concrete	90%	4+	$12,700	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : 20th Street								
Granite Panels	10%			LIFE	* *	5	$100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$86,700	
Ceramic Tile	5%			2036	* *	5	$9,900	
Terrazzo	5%	Now	$46,300	LIFE	* *	5	$7,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Steps At Exit 4 Ground Floor To Basement								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Steps								
Vinyl Tile	30%	Now	$328,500	2038	* *	3	$22,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	Now	$13,990,900	2043	* *	3	$29,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Wood	10%			2061	* *	5	$37,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$13,000	
Masonry: Brick	10%			LIFE	* *	10	$7,800	
Marble Panels	5%			LIFE	* *	10	$5,200	
Plaster	55%			LIFE	* *	5-10	$121,900	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$32,600	
Ceilings								
AcousTileConcealSpLn	23%	Now	$14,700	2046	* *	5	$28,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Basement Corridor								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 2%								
Location : Basement Corridor								
Staining/Discoloring, Extent : Severe, Area Affected : 2%								
Location : Basement Corridor								
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$148,600	
Metal Panel	2%	4+	$39,400	LIFE	* *	5	$5,000	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen, Cafeteria And Corridors								
Plaster	15%			LIFE	* *	5-10	$51,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%	0-2	$1,620,300	2053	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Various								
Corrosion/Rusting, Extent : Severe, Area Affected : 15%								
Location : Parking Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$105,200	2046	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 21st Street								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : 20th Street								
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Masonry: Granite	10%	4+	$24,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Main Entrance								
Parking/Driveway								
Asphalt	100%	Now	$109,000	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Parking Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Vertical Sections								
Raceway								
Conduit	80%			2033	$195,000	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Fused Disc Sw	5%			2055	* *	5	$100	
Molded Case Bkrs	50%			2049	* *	5	$1,600	
Molded Case Bkrs	35%			2032	$104,800	5	$1,100	
Wiring								
Braided Cloth	50%	2-4	$170,900	2058	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	30%			2059	* *	1		
Thermoplastic	20%			2033	$68,400	1		
Motor Controllers								
Locally Mounted	30%			2031	$54,400	5	$200	
Locally Mounted	70%			2046	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$100,700	
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Auditorium And Gymnasium								
Explanation : LED								
Egress Lighting								
Emergency, Battery	50%			2028	$102,400	10	$14,700	
Exit, Service	50%			2028	$26,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	5%			2028	$24,300	10	$600	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Front								
Explanation : Compact Fluorescent Light								
HID	5%			2028	$28,500	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 HID Lights Only								
No Component	90%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$45,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$75,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2036	* *	5	$7,200	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement Steam Room								
Distribution								
Steam Piping/Pump	100%	0-2	$48,800	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Condensate Piping Leaking								
Terminal Devices								
Air Handler	20%			2033	$459,200	1	$15,100	
Convector/Radiator	80%			2038	* *	1	$31,500	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2038	* *	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Roof								
Explanation : 2 Units. R-410a								
Split Unit	10%			2038	* *			
Window/Wall Unit	60%	Now	$27,700	2028	$277,300	1		
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. Six Window-Wall Units Are Not Working								
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2033	$189,400	1	$7,500	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$8,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$107,700	
Exhaust Fans								
Interior	50%	0-2	$27,100	2033	$270,500	2	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Steam Room Exhaust Is Not Working								
Roof	50%			2028	$118,400	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$59,000	2033	$589,900	4	$12,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Valve. Basement								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Coil, Mechanical Deficiency.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	0-2	$24,400	2043	* *	4	$2,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$4,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,700	
Chemical System								
Generic	100%			2031	$163,200	1-3	$148,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Ansul System Serves Kitchen, Dimension 4 Feet X 10 Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 117 - M**		
Address	: **240 EAST 109 STREET @SECOND AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M117**
Program / Asset #	: **BOE0068.000 / 2772**	**Yr Built/Renovated**	: **1958 / 2011**
Area Sq Ft	: **160,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **1656** **Lot** : **100**	**BIN**	: **1052433**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$209,300
Interior Architecture	$20,274,700	$167,200
Electrical	$822,000	$783,200
Mechanical	$1,880,500	$1,286,600
Site Pavements	$78,900	
Total	**$23,056,000**	**$2,446,200**
Importance Code A	$939,600	$209,300
Importance Code B	$21,118,500	$2,178,600
Importance Code C	$998,000	$58,300
Total	**$23,056,000**	**$2,446,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$200		$9,400
Interior Architecture	$86,400	$31,400		$24,600
Electrical	$14,300	$5,600	$5,600	$105,800
Mechanical	$78,200	$22,900	$45,700	$49,200
Site Pavements	$29,900			
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$224,600**	**$76,000**	**$67,100**	**$204,800**
Importance Code A		$17,000	$16,800	$26,200
Importance Code B	$194,700	$50,100	$50,300	$178,600
Importance Code C	$29,900	$8,800		
Total	**$224,600**	**$76,000**	**$67,100**	**$204,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	50%			LIFE	* *	5	$39,100	
Metal/Glass Curt Wall	50%			LIFE	* *	5	$73,300	
Windows								
Aluminum	100%			2048	* *	5	$20,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,500	
Masonry: Brick	60%			LIFE	* *	5	$9,700	
Metal Panel	30%			2052	* *	5	$18,800	
Roof								
Modified Bitumen	100%			2040	* *	10	$136,000	
Soffits								
Stucco Cement	100%			2045	* *	5	$300	
Interior								
Floors								
Cast in Place Concrete	8%	0-2	$34,600	LIFE	* *	5	$44,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Ceramic Tile	5%	0-2	$35,800	2041	* *	5	$6,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Various Toilet Rooms								
Quarry Tile	5%	0-2	$374,100	2052	* *	5	$9,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile	32%			2037	* *	3	$30,500	
Vinyl Tile 9" X 9"	40%	Now	$358,900	2027	$17,946,400	3	$38,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 2nd And 4th Floor Corridors, Classrooms								
Wood	5%			2047	* *	5	$23,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$583,600	2047	* *	5	$8,800	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms								
Concrete Masonry Unit	10%	Now	$66,500	LIFE	* *	5	$14,100	
Vertical Cracks, Extent : Severe, Area Affected : 2%								
Location : Penthouse Fan Room								
Folding Partition	2%			2040	* *	5	$17,700	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	55%	Now	$236,600	LIFE	* *	5	$58,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Class Rooms And Hallways								
SGFT/Glazed Masonry	7%	Now	$111,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
SGFT/Glazed Masonry	18%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$16,000	2045	* *	5	$12,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Basement Classrooms								
AcousTileSusp.Lay-In	10%			2045	* *	5	$24,900	
Exposed Struc: Concrete	35%			LIFE	* *	5	$13,600	
Metal Panel	10%	Now	$494,400	LIFE	* *	5	$31,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Lunch Room, Kitchen								
Deformed/Dented, Extent : Severe, Area Affected : 75%								
Location : Gymnasium								
Metal Panel	25%	Now	$103,000	LIFE	* *	5	$77,700	
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Gymnasium And Basement								
Plaster	10%			LIFE	* *	5	$15,500	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2052	* *			
Iron Picket	70%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$29,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Rear Of Building								
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	100%	Now	$78,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout Rear Yard Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$51,400	2062	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Knife Sw	100%	Now	$292,600	2062	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Raceway								
Conduit	95%			2032	$274,400	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$400	
Molded Case Bkrs	75%			2031	$224,500	5	$3,200	
Molded Case Bkrs	15%			2040	* *	5	$600	
Wiring								
Braided Cloth	80%	2-4	$319,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	66%			2040	* *	10	$102,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	30%			2037	* *	10	$46,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Lobby, Stairway And Toilet								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	45%			2027	$128,300	10	$18,400	
Emergency, Battery	5%			2040	* *	10	$2,100	
Exit, Service	50%			2027	$36,600	1		
Exterior Lighting								
HID	20%			2037	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$30,000	1	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$29,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Smoke Detector Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2052	* *	5	$52,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks 10,000 Gallon Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$888,200	2052	* *	1	$151,400	
Leak Evident, Extent : Severe, Area Affected : 70%								
Location : Boiler No. 1 And 3 With Multiple Leaking Tubes								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$477,600	2042	* *	4	$8,400	
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Defective Thermostat In Various Locations								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Feed Water Tank And Pump Leaking								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In The Basement								
Explanation : Vacuum Pump Is Not Working.								
Terminal Devices								
Air Handler	20%			2032	$639,200	1	$21,000	
Convector/Radiator	70%			2045	* *	1	$38,400	
Unit Heater - Hot Water	10%			2037	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$25,700	2027	$514,700	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,700	
Exhaust Fans								
Interior	75%			2032	$564,900	2	$3,900	
Roof	25%			2032	$82,400	2	$1,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$43,400	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$16,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$34,000	4	$5,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 3rd Floor							
	Explanation : One Unit							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 123 - BX**
Address : **1025 MORRISON AVENUE BTWN: BRUCKNER BLVD., WATSON AVE**
Borough : **BRONX** **Agency's Number** : **X123**
Program / Asset # : **BOE0263.000 / 1094** **Yr Built/Renovated** : **1953 / 2008**
Area Sq Ft : **131,000** **Project Type** : **EDUCATION**
Date of Survey : **21-May-2019** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3718** **Lot** : **1** **BIN** : **2087014**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$600,900	$1,149,400
Interior Architecture	$484,600	$1,057,800
Electrical	$1,594,300	$680,900
Mechanical	$2,956,600	$3,791,900
Site Pavements	$50,000	
Total	**$5,686,400**	**$6,680,100**
Importance Code A	$829,300	$2,291,300
Importance Code B	$4,713,100	$4,388,800
Importance Code C	$144,000	
Total	**$5,686,400**	**$6,680,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,500	$10,800		
Interior Architecture	$119,100			$18,600
Electrical	$60,600	$14,300	$5,900	$7,300
Mechanical	$44,400	$50,600	$35,200	$23,800
Site Enclosure	$18,500			
Site Pavements	$6,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$261,500**	**$83,700**	**$48,900**	**$57,700**
Importance Code A	$25,100	$24,000	$13,000	$13,000
Importance Code B	$197,000	$59,700	$36,000	$44,700
Importance Code C	$39,500			
Total	**$261,500**	**$83,700**	**$48,900**	**$57,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$310,200	LIFE	* *	5	$188,400	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Above 3rd And 4th Floor Windows And Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : South East Corner								
Masonry: Limestone	5%			LIFE	* *	5	$7,400	
Windows								
Aluminum	100%	Now	$194,600	2038	* *	5	$20,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Parapets								
Masonry: Brick Cavity	88%			LIFE	* *	5	$16,000	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$4,500	LIFE	* *	5	$2,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Coping Stone Throughout								
Metal Rail	2%			2043	* *	5-10	$6,600	
Roof								
Built-Up (BUR)	95%	Now	$96,100	2030	$961,100			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 5%								
Location : At Patched Location Above Library								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North East Side And Above Library								
Copper/Terne	5%			2045	* *	10	$10,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$35,100	LIFE	* *	5	$45,100	
Water Penetration, Extent : Severe, Area Affected : 8%								
Location : Basement Boiler Pit / Connecting Tunnels								
Ceramic Tile	5%	Now	$58,200	2033	$581,800	5	$5,200	
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : At Floor Drains In Bathrooms								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 20%								
Location : Improper Pitching To Floor Drains In Bathrooms								
Sheet Vinyl/Rubber	3%	Now	$121,500	2030	$405,100	5	$4,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Terrazzo	5%			LIFE	* *	5	$8,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Entrance								
Vinyl Tile	50%	4+	$57,000	2035	* *	3	$38,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium And Corridor								
Vinyl Tile 9" X 9"	2%	4+	$36,400	2040	* *	3	$1,500	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Storage Room And Throughout								
Wood	25%	Now	$153,900	2045	* *	5	$48,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Room B3 And Room 315								
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Classrooms Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$14,400	2039	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Basement Toilets, Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Basement Toilets, Throughout								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Basement Toilets, Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,000	
Glazed Ceramic Panel	3%			LIFE	* *			
Gypsum Board	4%			LIFE	* *	5	$4,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Student Clinic And 1st Floor								
Plaster	50%			LIFE	* *	5	$26,200	
SGFT/Glazed Masonry	30%	Now	$94,000	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, Corridors And Stairs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 3%								
Location : Stairwells E								
Loose Units, Extent : Severe, Area Affected : 8%								
Location : Various Corridors, Stairs And Gymnasium Wall								
Ceilings								
AcousTile,Adhered	10%	Now	$33,200	2035	* *	5	$10,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
AcousTileSusp.Lay-In	5%			2047	* *	5	$10,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Student Clinic And 1st Floor								
Exposed Struc: Concrete	30%			LIFE	* *	5	$9,700	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 4th Floor								
Plaster	55%			LIFE	* *	5	$70,900	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Corridors								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	85%	4+	$14,000	2050	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : At Parking Lot								
Iron Picket	10%	Now	$1,800	2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Courtyard								
Explanation : Loose Fence								
Masonry: Brick	5%	Now	$2,700	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Courtyard								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : At Tree Pits Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : At Tree Pits Throughout								
On-Site Walkways								
Cast in Place Concrete	50%			2035	* *			
Masonry: Granite	50%	Now	$50,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Entry Steps At Exits 2, 3, 4								
Parking/Driveway								
Cast in Place Concrete	100%	4+	$6,500	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%	0-2	$20,600	2060	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches								
Fused Disc Sw	60%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$292,600	2060	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Fused Toggle Switch	5%	0-2	$15,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2029	$239,500	5	$2,800	
Molded Case Bkrs	5%			2038	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$359,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	65%			2035	* *	10	$78,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2035	* *	10	$6,000	
LED	30%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium And Health Center								
Explanation : LED Fixtures Installed In 2014								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	20%			2025	$44,000	10	$6,300	
Emergency, Battery	5%			2035	* *	10	$1,600	
Exit, Service	65%	2-4	$22,000	2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Lighting Fixtures								
Exit, Service	10%			2030	$5,600	1		
Exterior Lighting								
HID	100%			2025	$611,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$14,700	
Fire/Smoke Detection								
No Component	40%							
Generic, Digital	60%	2-4	$202,700	2040	* *	1-3	$44,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Components Having Frequent Problems.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$304,600	5	$40,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground Vault In Yard								
Explanation : Conversion Completed In 2013								
Conversion Equipment								
Steam Boiler	100%	Now	$228,400	2028	$1,141,800	1	$116,800	1
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$21,000	2030	$1,049,000			
Broken, Extent : Severe, Area Affected : 30%								
Location : 1 Of 2 Condensate Return Pumps								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Fan Room								
Terminal Devices								
Air Handler	2%	Now	$2,500	2025	$49,300	1	$1,500	
Damaged, Extent : Light, Area Affected : 10%								
Location : Basement A - Damaged Cafeteria Blower Flexible Connection								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Fan Rooms								
Air Handler	18%	4+	$177,500	2030	$443,700	1	$13,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Second Floor Fan Rooms								
Convector/Radiator	80%	4+	$514,200	2050	* *	1	$30,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	10%			2035	* *			
Window/Wall Unit	70%			2025	$347,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,000	
Exhaust Fans								
Interior	100%	4+	$232,400	2030	$581,000	2	$3,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Second Floor And Fourth Floor Fan Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	99%	4+	$499,700	2040	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Galvanized Steel	1%	Now	$6,700	2050	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement Offices								
HW Heat Exchanger								
Steam Fired	100%	4+	$190,000	2060	* *	4	$13,000	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	4+	$495,100	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : 4th Floor And 2nd Floor Boys Bathroom								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	4+	$138,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Floor Drain								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	4+	$10,500	2030	$26,200	4	$2,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
Explanation : Abandoned - 2 Units Not In Use								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2030	$271,700	1-2	$5,500	
Chemical System								
Generic	100%			2025	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 126 - BK**		
Address	: **424 LEONARD STREET @ BAYARD ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K126**
Program / Asset #	: **BOE0433.000 / 2623**	**Yr Built/Renovated**	: **1966 / 2014**
Area Sq Ft	: **134,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **2712** **Lot** : **1**	**BIN**	: **3067788**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$219,900	$407,800
Interior Architecture	$1,073,400	$7,318,800
Electrical	$359,600	$1,427,900
Mechanical	$2,728,900	$1,628,100
Total	**$4,381,900**	**$10,782,700**
Importance Code A	$219,900	$454,100
Importance Code B	$4,100,600	$10,328,600
Importance Code C	$61,300	
Total	**$4,381,900**	**$10,782,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$73,400			
Interior Architecture	$319,400		$36,700	$5,200
Electrical	$15,700	$12,500	$14,400	$15,300
Mechanical	$146,300	$37,200	$46,400	$55,200
Site Enclosure	$18,600			
Site Pavements	$37,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$614,800**	**$53,700**	**$101,400**	**$79,700**
Importance Code A	$96,700	$13,300	$13,300	$13,300
Importance Code B	$371,800	$40,400	$82,600	$66,400
Importance Code C	$146,200		$5,600	
Total	**$614,800**	**$53,700**	**$101,400**	**$79,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$55,300	
Masonry: Brick	70%			LIFE	* *	5	$154,800	
Pre-Cast Concrete	25%			LIFE	* *	5	$179,700	
Windows								
Aluminum	100%	Now	$45,700	2049	* *	5	$24,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Metal Rail	100%	Now	$52,700	2046	* *	5	$111,400	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Roof								
Built-Up (BUR)	100%			2038	* *	10	$129,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$90,700	
Ceramic Tile	3%	Now	$35,100	2042	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	10%	0-2	$27,100	2038	* *	5	$15,600	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Terrazzo	2%			LIFE	* *	5	$6,500	
Vinyl Tile	45%			2038	* *	3	$35,000	
Vinyl Tile 9" X 9"	20%	0-2	$731,900	2028	$7,318,800	3	$15,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	10%			2061	* *	5	$38,900	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$27,900	
Ceramic Tile	3%	Now	$18,400	2042	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$17,800	
Folding Partition	2%			2041	* *	5	$11,100	
Plaster	50%			LIFE	* *	5-10	$94,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$27,900	
Wood	5%			LIFE	* *	5	$89,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	0-2	$166,800	2038	* *	5	$25,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$129,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$20,700	
Metal Panel	5%			LIFE	* *	5	$25,900	
Plaster	15%	0-2	$47,300	LIFE	* *	5	$19,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Boys Locker Room And Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : North Side Of Property								
Iron Picket	75%	Now	$18,600	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : At Dumpsters								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$37,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$46,300	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Services, No Available Ratings								
Fused Disc Sw	10%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Emergency Lighting Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$600	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	10%			2041	* *	5	$400	
Molded Case Bkrs	80%			2032	$239,500	5	$2,800	
Wiring								
Braided Cloth	90%	0-2	$359,600	2058	* *	1		
Insulation Damaged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	95%			2031	$172,400	5	$900	
Aged Component, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	5%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Service Room								
Explanation : Building Ground								
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$104,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
LED	15%			2038	* *			
Egress Lighting								
Emergency, Battery	40%			2033	$90,000	10	$12,900	
Exit, Service	60%			2033	$34,700	1		
Exterior Lighting								
HID	8%			2033	$50,000	10		
Incandescent	2%			2028	$14,400	2		
No Component	90%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$25,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Generic	50%			2038	* *	1	$25,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	50%			2028	$172,800	1-3	$42,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete Components: Manual Pull Stations. Separate Fire Alarm System For Manual Pull Stations.								
Generic, Digital	50%			2041	* *	1-3	$41,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Carbon Monoxide Detection And Elevator Recall System In Corridors, Elevators And Boiler Room Area.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$23,400	2038	* *	1	$119,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Boiler 2 Shuts Off On Low Flame								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$53,700	2043	* *			
Broken, Extent : Severe, Area Affected : 10%								
Location : Condensate Return Pump								
Terminal Devices								
Air Handler	25%			2033	$630,400	1	$20,700	
Convector/Radiator	75%			2038	* *	1	$32,500	
Controls								
Pneumatic	100%			2027	$2,589,800			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	60%			2028	$304,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	18%	Now	$21,200	LIFE	* *	2-5	$13,400	
Damaged, Extent : Light, Area Affected : 2%								
Location : Gymnasium Is Missing Air Outlets								
Ductwork/Diffusers	82%			LIFE	* *	2-5	$97,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2033	$118,900	2	$800	
Roof	80%	2-4	$10,400	2033	$208,000	2	$2,600	
Dented, Extent : Light, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	95%			2038	* *	1		
Galvanized Steel	5%	Now	$85,500	2053	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2032	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement.								
Explanation : Two 120-gallon Unit. Quantity 3								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$26,800	4	$4,200	
Sewage Ejector(s)								
Electric	100%	Now	$14,000	2033	$70,200	4	$5,300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	95%							
Generic	5%			2033	$3,000	1	$400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : From 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$3,800	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : 20 Feet Long And 60 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 136 - BX**
Address : **750 JENNINGS STREET BTWN: UNION AVE., PROSPECT AVE.**
Borough : **BRONX** **Agency's Number** : **X136**
Program / Asset # : **BOE0273.000 / 401** **Yr Built/Renovated** : **1960 / 2005**
Area Sq Ft : **149,000** **Project Type** : **EDUCATION**
Date of Survey : **18-Apr-2019** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2969** **Lot** : **1** **BIN** : **2010344**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$240,800
Interior Architecture	$2,915,700	
Electrical	$493,400	$773,800
Mechanical	$2,590,900	$1,682,800
Site Pavements		$995,700
Total	**$6,000,000**	**$3,693,100**
Importance Code A		$266,500
Importance Code B	$6,000,000	$3,370,600
Importance Code C		$56,000
Total	**$6,000,000**	**$3,693,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$76,000	$23,700	$19,300	
Electrical	$11,400	$18,300	$13,400	$10,000
Mechanical	$17,200	$14,400	$20,000	$14,400
Site Enclosure	$26,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$134,700**	**$60,500**	**$56,600**	**$28,300**
Importance Code A		$300		
Importance Code B	$60,600	$60,100	$56,600	$28,300
Importance Code C	$74,100			
Total	**$134,700**	**$60,500**	**$56,600**	**$28,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$31,300	
Masonry: Brick	95%			LIFE	* *	5	$126,900	
Windows								
Aluminum	100%			2038	* *	5	$29,000	
Parapets								
Masonry: Brick	93%			LIFE	* *	5	$17,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall								
Metal Security Bars	2%			2065	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$5,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall Coping Stones								
Roof								
Modified Bitumen	95%			2038	* *	10	$113,900	
Skylight, Metal/Glass	5%			2040	* *	10	$20,000	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$17,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,000	
Ceramic Tile	5%			2039	* *	5	$11,900	
Mosaic Tile	5%			2043	* *	5	$29,700	
Terrazzo	5%	4+	$22,200	LIFE	* *	5	$9,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%			2035	* *	3	$31,200	
Vinyl Tile	30%			2038	* *	3	$26,700	
Recent Installation, Extent : N/A, Area Affected : 30%								
Location : Classrooms								
Vinyl Tile 9" X 9"	5%			2025	$2,094,900	3	$4,500	
Wood	10%			2045	* *	5	$44,500	
Interior Walls								
Concrete Masonry Unit	10%	4+	$34,800	LIFE	* *	5	$7,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Back Stage Right Storage Area								
Folding Partition	2%			2038	* *	5	$9,300	
Plaster	55%			LIFE	* *	5	$30,500	
SGFT/Glazed Masonry	28%			LIFE	* *			
Wood	5%	Now	$13,000	LIFE	* *	5	$37,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Rear Wall Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$23,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Wood Pegylated Mechano Growth Factor Tile								
AcousTile,Adhered	30%	Now	$229,200	2043	* *	5	$35,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout, Cafeteria Ceiling								
Exposed Struc: Concrete	50%	4+	$355,700	LIFE	* *	5	$18,500	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement, Workshop								
Metal Panel	10%	Now	$235,900	LIFE	* *	5	$29,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 50%								
Location : Gymnasium								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2040	* *			
Chain Link	20%			2050	* *			
Iron Picket	40%	4+	$26,200	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Perimeter Of School								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	25%			2033	$56,000			
Cast in Place Concrete	75%			2043	* *			
Activity Yard								
Asphalt	97%			2033	$939,600			
Rubber Matting	3%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Two Service Disconnect Switches Rated At 1,600 Amperes Each.								
Fused Disc Sw	50%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Two Service Disconnect Switches Rated At 1,600 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	60%			2030	$175,600	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Six Vertical Sections								
Fused Disc Sw	40%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Four Vertical Sections								
Raceway								
Conduit	70%			2030	$202,200	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	60%			2029	$179,600	5	$2,400	
Molded Case Bkrs	25%			2046	* *	5	$1,000	
Wiring								
Braided Cloth	70%	2-4	$279,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$90,700	5	$500	
Locally Mounted	50%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$129,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2030	$100,000	10	$14,400	
Emergency, Battery	10%			2035	* *	10	$3,600	
Exit, Service	40%			2030	$25,700	1		
Exit, Service	10%			2035	* *	1		
Exterior Lighting								
Fluorescent	30%			2035	* *	10	$4,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Perimeter Of The Building								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$83,900	1	$16,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2035	* *	1-3	$91,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights,Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Entire Boiler Room Is Under Construction								
Conversion Equipment								
Under Construction	100%							
Distribution								
Steam Piping/Pump	90%			2040	* *			
Under Construction	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Replacement Of Steam Pipe At Rear Side Underground Of The Building And Thermostats Replacement Are In Progress.								
Terminal Devices								
Air Handler	25%			2025	$701,000	1	$23,000	
Recent Repair Evident, Extent : N/A, Area Affected : 60%								
Location : Control Components Upgrade, Basement Fan Room.								
Convector/Radiator	75%			2035	* *	1	$36,100	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	15%			2025	$530,700			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	15%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410a								
Window/Wall Unit	50%			2025	$282,200	1		
Window/Wall Unit	20%			2029	$112,900	1		
Terminal Devices								
Fan Coil - 2 Pipe	15%			2025	$681,800	1	$7,200	
Fan Coil - 2 Pipe	15%			2035	* *	1	$7,200	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2025	$64,700	2	$15,600	
Air Cooled Condenser Unit	15%			2035	* *	2	$15,600	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,100	
Exhaust Fans								
Interior	50%			2025	$330,400	2	$2,300	
Roof	50%			2030	$144,600	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2040	* *	1		
Galvanized Steel	60%			2028	$1,141,300	1		
Water Heater With Tanks								
Under Construction	100%							
HW Heat Exchanger								
Under Construction	100%							
Sanitary Piping								
Cast Iron	15%	0-2	$5,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement Kitchen Area And 1st Floor Rear Side Restrooms.								
Cast Iron	85%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	15%	0-2	$1,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Outside Playground								
Cast Iron	85%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Under Construction	100%							
Sewage Ejector(s)								
Electric	100%	0-2	$1,600	2030	$78,000	4	$5,900	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Third Floor								
Explanation : 1 Hydraulic Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$206,100	1-2	$4,200	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 141 - Q**		
Address	: **37-11 21ST AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q141**
Program / Asset #	: **BOE0788.000 / 2530**	**Yr Built/Renovated**	: **1930 / 2013**
Area Sq Ft	: **119,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **810** **Lot** : **1**	**BIN**	: **4016102**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$270,800	$199,400
Interior Architecture	$417,000	$14,201,500
Electrical	$595,900	$2,840,900
Mechanical		$3,257,200
Site Pavements	$169,700	
Total	**$1,453,500**	**$20,499,000**
Importance Code A	$270,800	$250,700
Importance Code B	$1,120,600	$20,248,300
Importance Code C	$62,000	
Total	**$1,453,500**	**$20,499,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$113,500		$3,000	
Interior Architecture	$225,500		$21,100	$19,300
Electrical	$17,700	$11,100	$11,500	$14,000
Mechanical	$72,400	$22,300	$32,900	$28,700
Site Enclosure	$17,200			
Site Pavements	$4,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$454,700**	**$37,300**	**$72,500**	**$66,100**
Importance Code A	$125,300	$11,800	$14,800	$11,800
Importance Code B	$213,500	$25,500	$57,700	$49,400
Importance Code C	$115,900			$4,900
Total	**$454,700**	**$37,300**	**$72,500**	**$66,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$117,000	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$117,000	
Masonry: Brick	55%			LIFE	* *	5	$164,700	
Masonry: Brick Cavity	25%			LIFE	* *	5	$74,900	
Masonry: Limestone	5%			LIFE	* *	5	$11,200	
Granite Panels	5%			LIFE	* *	5	$11,200	
Windows								
Aluminum	4%	Now	$11,100	2049	* *	5	$600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Aluminum	96%			2049	* *	5	$28,000	
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	* *	5-10	$30,900	
Masonry: Brick	90%			LIFE	* *	5-10	$83,700	
Metal Rail	2%			2046	* *	5-10	$4,900	
Roof								
Copper/Terne	5%			2048	* *	10	$10,300	
Modified Bitumen	95%	2-4	$17,200	2041	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$77,800	
Ceramic Tile	5%			2042	* *	5	$8,900	
Terrazzo	10%	2-4	$33,300	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Entry Corridor								
Vinyl Tile	20%			2038	* *	3	$13,300	
Vinyl Tile 9" X 9"	45%	Now	$282,500	2028	$14,127,100	3	$30,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Wood	10%			2061	* *	5	$33,400	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	6%			2042	* *	5	$9,800	
Masonry: Brick	10%	Now	$62,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Marble Panels	2%	Now	$28,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Entry Lobby								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Plaster	57%	0-2	$45,200	LIFE	* *	5	$27,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair Bulkhead								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$20,400	
Ceilings								
AcousTile,Adhered	5%	Now	$14,300	2038	* *	5	$4,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
AcousTileConcealSpLn	3%			2038	* *	5	$6,700	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$44,500	
Metal Panel	5%	2-4	$5,900	LIFE	* *	5	$11,100	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Basement Corridor And Kitchen								
Plaster	67%	Now	$72,500	LIFE	* *	5	$74,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stiar Bulkhead								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2043	* *			
Iron Picket	80%	2-4	$17,200	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$96,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	4+	$3,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Masonry: Granite	10%	0-2	$800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Front Steps								
Activity Yard								
Asphalt	100%	0-2	$73,600	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Various								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Disconnect Switches Rated At 1,200 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	30%			2053	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Vertical Section								
Molded Case Bkrs	70%			2033	$182,100	5	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Knife Sw	35%	2-4	$83,800	2058	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd, 4th Floors And Basement								
Molded Case Bkrs	40%			2032	$95,800	5	$1,300	
Molded Case Bkrs	15%			2049	* *	5	$500	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$205,100	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2053	* *	1		
Thermoplastic	25%			2033	$85,500	1		
Motor Controllers								
Locally Mounted	60%			2046	* *	5	$500	
Locally Mounted	40%			2031	$72,600	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Lighting								
Interior Lighting								
Fluorescent	97%			2033	$1,720,700	10	$105,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2028	$33,000	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Chandeliers With Incandescent Bulbs								
LED	2%			2038	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Led Light Fixtures								
Egress Lighting								
Emergency, Service	25%			2028	$18,300	1		
Emergency, Battery	25%			2028	$49,900	10	$7,200	
Exit, Battery	50%			2028	$84,300	10	$4,000	
Exterior Lighting								
LED	25%			2041	* *			
No Component	75%							
Alarm								
Security System								
Generic	50%			2033	$111,700	1	$22,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2033	$111,700	1	$22,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$307,000	2043	* *	1-3	$66,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$117,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$4,800	2033	$95,300			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Steam Piping/Pump	90%			2033	$857,600			
Terminal Devices								
Air Handler	20%			2028	$447,900	1	$14,700	
Convector/Radiator	80%			2031	$778,500	1	$30,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$270,500	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$105,100	
Exhaust Fans								
Interior	60%			2028	$316,700	2	$2,200	
Roof	10%			2028	$23,100	2	$400	
Roof	30%			2041	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$303,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 75 Gallons Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement To 1st Floor								
Explanation : 1 Freight Unit								
No Component	90%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$82,300	1-2	$1,700	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 142 - BK**		
Address	: **610 HENRY STREET @ COLES ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K142**
Program / Asset #	: **BOE0446.000 / 2622**	**Yr Built/Renovated**	: **1903 / 2011**
Area Sq Ft	: **138,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,5**		
Block	: **369** **Lot** : **1**	**BIN**	: **3336036**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$780,900	$339,300
Interior Architecture	$13,376,900	$1,201,900
Electrical	$489,900	$982,300
Mechanical	$799,300	$3,533,300
Total	**$15,447,000**	**$6,056,700**
Importance Code A	$1,502,600	$390,700
Importance Code B	$13,648,600	$5,666,000
Importance Code C	$295,800	
Total	**$15,447,000**	**$6,056,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,200		$25,300	
Interior Architecture	$179,300		$7,700	$13,400
Electrical	$12,500	$8,800	$19,400	$13,000
Mechanical	$26,800	$26,900	$83,200	$31,800
Site Enclosure	$25,000			
Site Pavements	$75,700			
Total	**$365,300**	**$35,800**	**$135,700**	**$58,200**
Importance Code A	$46,200	$13,700	$39,300	$13,700
Importance Code B	$294,200	$22,100	$96,400	$44,600
Importance Code C	$25,000			
Total	**$365,300**	**$35,800**	**$135,700**	**$58,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$253,500	LIFE	* *	5	$199,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : North And East Facades								
Masonry: Brick Cavity	55%			LIFE	* *	5	$140,200	
Masonry: Granite	2%			LIFE	* *	5	$3,800	
Masonry: Limestone	5%	4+	$100,400	LIFE	* *	5	$9,600	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Window Sills - Rear And Side Facades								
Under Construction	28%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Middle West Side Of Building								
Explanation : Facade Finish Being Replaced								
Windows								
Aluminum	100%	Now	$333,000	2039	* *	5	$11,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Plexi Glass - Cloudy And Thermally Inefficient								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$14,200	
Open Joints, Extent : Light, Area Affected : 10%								
Location : Throughout Main Roof								
Masonry: Brick	55%			LIFE	* *	5	$10,100	
Masonry: Brick Cavity	25%	Now	$46,200	LIFE	* *	5	$4,600	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Interior Parapet Wall								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Interior Parapet Wall								
Metal Panel	5%			2041	* *	5	$3,600	
Metal Rail	5%			2036	* *	5-10	$16,600	
Roof								
Built-Up (BUR)	95%			2036	* *	10	$94,100	
Copper/Terne	5%			2046	* *	10	$12,400	
Soffits								
Stucco Cement	100%			2036	* *	5	$2,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$35,100	LIFE	* *	5	$45,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement Mechanical Areas								
Ceramic Tile	7%	Now	$16,300	2040	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement								
Explanation : Basement Toilet Rooms Were Recently Rennovated								
Marble Panels	5%			LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stair Treads								
Quarry Tile	3%			2036	* *	5	$9,300	
Sheet Vinyl/Rubber	2%			2039	* *	5	$6,200	
Terrazzo	5%	Now	$19,300	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	17%	0-2	$48,500	2031	$969,900	3	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms And Corridors								
Vinyl Tile 9" X 9"	35%	Now	$255,100	2026	$12,756,900	3	$27,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms And Corridors								
Wood	16%	2-4	$39,400	2059	* *	5	$31,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement Dance Studio								
Explanation : New Wood Floor Recently Installed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%	Now	$82,900	2034	* *	5	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : Corridors And Bathrooms								
Ceramic Tile	1%			2044	* *	5	$1,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Basement Bathroom								
Glass: Single Pane	2%			LIFE	* *	5	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell Dividers								
Explanation : Safety Glass								
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	56%	Now	$128,300	LIFE	* *	5	$31,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$84,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%	Now	$6,600	2036	* *	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
AcousTileConcealSpLn	15%	Now	$10,000	2036	* *	5	$19,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	3%			2036	* *	5	$6,200	
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,800	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	5%			2031	$161,100			
Plaster	55%	Now	$69,100	LIFE	* *	5	$71,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms And Stairs To Roof Bulkhead								
Site Enclosure								
Fence/Gates								
Chain Link	80%	0-2	$9,600	2041	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Broken Brackets								
Iron Picket	20%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$15,300	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stair Cheek Walls								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$37,300	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Asphalt	95%	0-2	$13,400	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Cast in Place Concrete	5%	0-2	$1,000	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Service Entry								
Activity Yard								
Asphalt	95%	0-2	$24,000	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Schoolyard								
Rubber Matting	5%			2031	$29,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 1,200 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$292,600	5	$3,600	
Raceway								
Conduit	60%			2051	* *	1		
Conduit	40%			2031	$115,500	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$300	
Fused Toggle Switch	5%			2030	$15,000	5	$200	
Molded Case Bkrs	85%			2047	* *	5	$3,100	
Wiring								
Thermoplastic	30%			2031	$119,900	1		
Thermoplastic	70%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2036	* *	10	$94,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2036	* *	10	$12,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	10%			2026	$382,300	2	$300	
LED	5%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2026	$8,500	1		
Emergency, Battery	40%			2031	$92,700	10	$13,300	
Exit, Service	50%	0-2	$600	2041	* *	1		
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
HID	20%			2031	$128,800	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2039	* *	1-3	$87,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$42,800	
Conversion Equipment								
Steam Boiler	100%	0-2	$721,700	2051	* *	1	$123,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Three Boiler Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$77,600	2041	* *	4	$6,800	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2031	$519,400	1	$17,100	
Convector/Radiator	80%	Now	$18,100	2036	* *	1	$32,100	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Various Locations Throughout								
Air Conditioning								
Energy Source								
Electricity	10%			2047	* *	1		
No Component	90%							
Conversion Equipment								
Window/Wall Unit	70%			2029	$366,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,000	
Exhaust Fans								
Interior	50%			2031	$306,000	2	$2,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Fan Room								
Roof	50%			2031	$133,900	2	$2,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$1,772,400	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
HTHW/HW	50%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Of 2 Units Is In Operation								
Steam Fired	50%			2031	$333,600	4	$6,800	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof Drains								
Sump Pump(s)								
Non-Submersible	100%			2031	$27,600	4	$2,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,900	
Chemical System								
Generic	100%			2029	$102,000	1-3	$93,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 149 - BX**		
Address	: **360 EAST 145 STREET BTWN: WILLIS AVE., 3 AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X149**
Program / Asset #	: **BOE0286.000 / 384**	**Yr Built/Renovated**	: **1958 / 2008**
Area Sq Ft	: **133,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2306** **Lot** : **54**	**BIN**	: **2097038**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$65,300	$163,500
Interior Architecture	$22,795,000	$887,300
Electrical	$780,400	$1,080,700
Mechanical	$978,400	$4,660,500
Site Pavements		$2,236,300
Total	**$24,619,200**	**$9,028,400**
Importance Code A	$65,300	$1,374,200
Importance Code B	$23,712,600	$6,766,900
Importance Code C	$841,300	$887,300
Total	**$24,619,200**	**$9,028,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$29,300	$47,500	$28,900	
Interior Architecture	$19,600	$18,800	$1,300	$3,800
Electrical	$2,900	$28,200	$3,700	$4,500
Mechanical	$74,900	$41,800	$36,500	$21,200
Site Pavements	$41,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$172,500**	**$140,300**	**$74,400**	**$33,400**
Importance Code A	$52,500	$61,000	$42,100	$13,200
Importance Code B	$120,100	$79,300	$32,300	$20,200
Importance Code C				
Total	**$172,500**	**$140,300**	**$74,400**	**$33,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$163,500	
Metal Panel	10%	4+	$24,100	2040	* *	5	$34,100	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$57,900	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$20,800	
Masonry: Marble	10%			LIFE	* *	5	$2,900	
Roof								
Built-Up (BUR)	40%			2035	* *	10	$47,500	
IRMA/Protected Membrane	55%			2035	* *	10	$65,300	
Metal Panel	3%	Now	$5,200	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3 Between Second And Third Floors								
Skylight, Metal/Glass	2%			2050	* *	10	$7,900	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,900	
Ceramic Tile	3%			2039	* *	5	$6,000	
Mosaic Tile	2%			2043	* *	5	$10,000	
Terrazzo	3%			LIFE	* *	5	$4,700	
Vinyl Tile	15%	Now	$16,600	2035	* *	3	$11,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%			2038	* *	3	$3,800	
Vinyl Tile 9" X 9"	60%			2025	$21,216,300	3	$45,100	
Wood	5%	Now	$358,500	2070	* *	5	$9,400	
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Wood	2%			2065	* *	5	$7,500	
Interior Walls								
Ceramic Tile	5%			2033	$835,400	5	$15,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,100	
Folding Partition	3%	Now	$757,000	2055	* *	5	$11,400	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Marble Panels	5%			LIFE	* *			
Plaster	57%	Now	$84,200	LIFE	* *	5	$51,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Room C8								
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$19,600	
AcousTile,Adhered	20%	2-4	$379,000	2050	* *	5	$19,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Exposed Struc: Concrete	60%			LIFE	* *	5	$18,400	
Plaster	10%			LIFE	* *	5	$12,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3 Between Second And Third Floors								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2050	* *			
Iron Picket	90%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$41,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 145th Street And Willis Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 145th Street And 3rd Avenue								
On-Site Walkways								
Asphalt	70%			2039	* *			
Cast in Place Concrete	28%			2043	* *			
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Pavers/Stone	100%			2033	$2,236,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 400 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$292,600	5	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2040	* *	1		
Panelboards								
Molded Case Bkrs	80%			2029	$239,500	5	$2,800	
Molded Case Bkrs	20%			2038	* *	5	$700	
Wiring								
Braided Cloth	80%	2-4	$319,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	94%			2035	* *	10	$114,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2035	* *	10	$1,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	25%			2025	$55,800	10	$8,000	
Emergency, Battery	25%			2030	$55,800	10	$8,000	
Exit, Service	25%			2025	$14,300	1		
Exit, Service	25%			2030	$14,300	1		
Exterior Lighting								
HID	30%			2025	$186,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Perimeter Of The Building								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$102,900	2040	* *	1-3	$22,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Stations.								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$309,300	5	$41,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$23,200	2028	$1,159,300	1	$118,500	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Burners Are Leaking Oil.								
Repairs In Progress, Extent : N/A, Area Affected : 30%								
Location : No. 2 Unit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Extended Life Time Units								
Distribution								
Steam Piping/Pump	100%			2030	$1,065,000			
Terminal Devices								
Air Handler	25%			2025	$625,700	1	$20,600	
Convector/Radiator	75%			2028	$815,700	1	$32,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%	0-2	$3,900	2035	* *	1	$5,600	
Not in Service, Extent : Moderate, Area Affected : 60%								
Location : Auditorium Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium Roof								
Explanation : Refrigerant R-410a								
Split Unit	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units. Refrigerant R-410a								
Window/Wall Unit	70%			2025	$352,700	1		
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	$464,500	1	$16,500	
No Component	80%							
Heat Rejection								
Dry Cooler	10%			2038	* *	2	$9,300	
Dry Cooler	10%			2030	$54,900	2	$9,300	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Gymnasium Roof								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,200	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2030	$294,900	2	$2,000	
Roof	50%			2030	$129,000	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2024	$8,500	2		
Gas Fired	50%	0-2	$200	2030	$8,500	2		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$26,600	2040	* *	4	$2,800	
Corroded, Extent : Moderate, Area Affected : 70%								
Location : The Housing Is Extensively Rusted, Boiler Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen From The Basement To 1st Floor								
Explanation : 1 Utility Lift, Obsolete Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2030	$367,800	1-2	$7,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 157 - Q STEPHEN A. HALSEY J.H.S.**
Address : **63-55 102ND STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0804.000 / 1527**
Area Sq Ft : **160,000**
Date of Survey : **29-Dec-2020**
Areas Surveyed : **Basement, Floors 1,2,3**
Block : **2126** **Lot** : **14**

Agency's Number : **Q157**
Yr Built/Renovated : **1948 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4051190**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$447,900	$153,100
Interior Architecture	$50,400	$4,650,200
Electrical	$423,500	
Mechanical	$81,600	$1,744,700
Total	**$1,003,400**	**$6,548,000**
Importance Code A	$447,900	$153,100
Importance Code B	$505,100	$6,394,900
Importance Code C	$50,400	
Total	**$1,003,400**	**$6,548,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$11,800	$21,900		$36,800
Interior Architecture		$8,000	$20,800	$57,500
Electrical	$4,500	$6,000	$4,500	$24,500
Mechanical	$35,300	$29,800	$45,200	$34,600
Site Enclosure	$1,200			
Site Pavements	$27,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$84,300**	**$69,800**	**$74,400**	**$157,400**
Importance Code A	$27,700	$37,800	$15,800	$53,000
Importance Code B	$53,600	$29,100	$58,600	$104,400
Importance Code C	$3,100	$2,800		
Total	**$84,300**	**$69,800**	**$74,400**	**$157,400**

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DEPARTMENT OF EDUCATION - 040
J. H. S. 157 - Q STEPHEN A. HALSEY J.H.S.
Asset # : 1527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$58,900	
Masonry: Brick	80%			LIFE	* *	5	$94,200	
Masonry: Limestone	5%			LIFE	* *	5	$4,400	
Metal Panel	2%			2042	* *	5-10	$16,200	
Slate Panels	3%			LIFE	* *	5	$2,700	
Windows								
Aluminum	65%			2040	* *	5	$43,900	
Aluminum	35%			2054	* *	5	$23,600	
Parapets								
Masonry: Brick	80%	0-2	$319,700	LIFE	* *	5	$12,600	
Efflorescence, Extent : Moderate, Area Affected : 40%								
Location : Various Locations Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Metal Rail	10%			2037	* *	5-10	$28,500	
Roof								
Copper/Terne	3%			2047	* *	10	$10,100	
Metal Panel	2%			2037	* *	10	$5,000	
Single Ply Membrane	95%			2037	* *	10	$128,300	
Interior								
Floors								
Carpet	2%			2031	$73,600	3	$6,200	
Cast in Place Concrete	5%			LIFE	* *	5	$22,800	
Ceramic Tile	3%			2035	* *	5	$6,200	
Terrazzo	5%			LIFE	* *	5	$8,100	
Vinyl Tile	80%			2032	$4,597,900	3	$62,400	
Wood	5%			2047	* *	5	$19,500	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$5,600	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	55%	Now	$50,400	LIFE	* *	5	$31,100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Room 158 Teachers Room								
Explanation : Wall Furring Needs Repair								
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%			2037	* *	5	$83,600	
AcousTileSusp.Lay-In	5%			2037	* *	5	$11,900	
Exposed Struc: Concrete	20%			LIFE	* *	5	$7,500	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$52,200	
Site Enclosure								
Fence/Gates								
Chain Link	98%			2042	* *			
Iron Picket	2%			2052	* *			

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DEPARTMENT OF EDUCATION - 040
J. H. S. 157 - Q STEPHEN A. HALSEY J.H.S.
Asset # : 1527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$1,200	2076	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 64th Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$24,500	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout, Potential Tripping Hazard								
On-Site Walkways								
Cast in Place Concrete	60%			2045	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	35%	4+	$3,100	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 64th Avenue								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Steps At Front								
Explanation : Broken Pavers At Steps Near Railing								
Activity Yard								
Asphalt	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Vertical Sections								
Raceway								
Conduit	90%			2042	* *	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$200	
Fused Disc Sw	5%			2040	* *	5	$200	
Molded Case Bkrs	90%			2048	* *	5	$3,800	

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DEPARTMENT OF EDUCATION - 040
J. H. S. 157 - Q STEPHEN A. HALSEY J.H.S.
Asset # : 1527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	0-2	$279,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$143,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$19,300	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2037	* *	10		
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$17,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : v								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$29,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Offices. Fire Alarm Control Panel At First Floor								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors And Horns. Fire Alarm								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2058	* *	1		

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DEPARTMENT OF EDUCATION - 040
J. H. S. 157 - Q STEPHEN A. HALSEY J.H.S.
Asset # : 1527

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$158,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2058	* *	4	$7,900	
Terminal Devices								
Air Handler	25%			2032	$752,700	1	$24,700	
Convector/Radiator	75%			2037	* *	1	$38,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2030	$424,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,200	
Exhaust Fans								
Interior	80%			2032	$567,700	2	$3,900	
Roof	20%			2037	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$5,100	
Backflow Preventer								
No Component	90%							
Generic	10%			2037	* *	1	$1,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Service Elevator								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 157 - Q STEPHEN A. HALSEY J.H.S.

Asset # : 1527

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$2,200	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 158 - Q**		
Address	: **46-35 OCEANIA STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q158**
Program / Asset #	: **BOE0805.000 / 1528**	**Yr Built/Renovated**	: **1955 / 2000**
Area Sq Ft	: **137,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7312** **Lot** : **1**	**BIN**	: **4438325**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$403,900	$1,548,400
Interior Architecture	$1,706,400	$27,255,000
Electrical	$524,500	$1,637,700
Mechanical	$315,100	$2,205,500
Site Pavements	$365,500	
Total	**$3,315,300**	**$32,646,600**
Importance Code A	$660,100	$1,594,700
Importance Code B	$2,567,700	$31,052,000
Importance Code C	$87,600	
Total	**$3,315,300**	**$32,646,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$57,700		$7,100	
Interior Architecture	$77,200		$40,800	$31,200
Electrical	$92,200	$12,800	$13,300	$16,800
Mechanical	$125,400	$28,500	$80,500	$21,300
Site Enclosure	$3,700			
Site Pavements	$1,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$361,500**	**$45,300**	**$145,500**	**$73,100**
Importance Code A	$57,700	$14,600	$21,600	$14,600
Importance Code B	$266,400	$30,700	$114,200	$52,200
Importance Code C	$37,300		$9,600	$6,400
Total	**$361,500**	**$45,300**	**$145,500**	**$73,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	94%			LIFE	* *	5	$235,400	
Metal Panel	4%			2053	* *	5-10	$34,400	
Pre-Cast Concrete	2%			LIFE	* *	5	$16,300	
Windows								
Aluminum	98%			2049	* *	5	$48,700	
Metal Louvers	2%			2042	* *	10	$6,200	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$27,800	
Metal Rail	10%			2046	* *	5-10	$8,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Roof								
Built-Up (BUR)	80%	2-4	$286,100	2033	$1,430,700			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Near Stair D And E								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 310, Stair I, Stair J								
Copper/Terne	5%			2061	* *	10	$19,200	
Modified Bitumen	13%			2038	* *	10	$19,900	
Skylight, Metal/Glass	2%			2043	* *	10	$10,200	
Soffits								
Stucco Cement	100%			2046	* *	5	$3,700	
Interior								
Floors								
Cast in Place Concrete	10%	4+	$187,100	LIFE	* *	5	$48,100	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	5%			2042	* *	5	$11,000	
Terrazzo	5%			LIFE	* *	5	$17,200	
Vinyl Tile 9" X 9"	70%	Now	$1,359,000	2028	$27,180,300	3	$57,800	
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Corridors								
Wood	10%			2048	* *	5	$41,300	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$12,800	
Folding Partition	3%			2041	* *	5	$19,300	
Masonry: Brick	5%			LIFE	* *	10	$3,900	
Plaster	62%			LIFE	* *	5-10	$135,300	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$32,100	
Ceilings								
AcousTileConcealSpLn	25%			2046	* *	5	$62,200	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$37,300	
Plaster	60%	4+	$72,700	LIFE	* *	5	$74,700	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Rooms 310								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Iron Picket	75%			2068	* *			
Retaining Walls								
Cast in Place Concrete	60%			2053	* *			
Masonry: Brick	40%	Now	$3,700	2053	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 15%								
Location : Main Entry By Steps, Steps At Exit 9								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$365,500	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 47th Avenue Sidewalk								
Tripping Hazard, Extent : Moderate, Area Affected : 30%								
Location : Oceania Street And 47th Avenue								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Oceania Street And 47th Avenue								
Explanation : Various Tree Roots Are Lifting The Sidewalks Creating Tripping Hazards								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$700	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Sidewalk Ways								
Masonry: Granite	10%	4+	$700	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Exit 9								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Exit 9								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$46,300	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2053	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2053	* *	5	$200	
Fused Knife Sw	70%	2-4	$204,800	2063	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2033	$231,100	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Fused Knife Sw	10%	2-4	$29,900	2058	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	70%			2032	$209,600	5	$2,500	
Molded Case Bkrs	10%			2049	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$319,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$132,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%	Now	$21,900	2038	* *			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Explanation : Can Not Change Lamps Inaccessible								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	$123,400	10	$17,700	
Exit, Battery	50%			2028	$104,100	10	$5,000	
Exterior Lighting								
HID	20%			2028	$127,900	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	50%			2028	$128,600	1	$25,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	50%			2041	* *	1	$25,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$353,400	1-3	$87,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$45,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Biofuel								
Conversion Equipment								
Steam Boiler	100%	0-2	$256,200	2038	* *	1	$131,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : No. 2 And 3 Boilers Leaking Oil And Water								
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : No. 2 Boiler. Defective Motor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$58,900	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam From Return Line Leaking At Basement.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2033	$829,800	1	$27,300	
Convector/Radiator	70%			2038	* *	1	$33,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	1%			2033	$34,900			
Window/Wall Unit	30%	0-2	$8,400	2028	$167,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 5 Percent Is Not Working. Various Locations								
No Component	69%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$239,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$129,800	
Exhaust Fans								
Interior	58%			2028	$378,100	2	$2,600	
Roof	42%			2033	$119,800	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	86%			2028	$14,700	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Gas Fired	14%			2033	$2,400	2		
HW Heat Exchanger								
Steam Fired	100%			2033	$710,800	4	$21,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$14,700	2033	$29,400	4	$3,100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement To Ground								
Explanation : 1 Inoperable Unit								
No Component	80%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 167 - M**
Address : **220 EAST 76 STREET BTWN 2ND AVE - 3RD AVE**
Borough : **MANHATTAN**
Agency's Number : **M167**
Program / Asset # : **BOE0102.000 / 1653**
Yr Built/Renovated : **1956 / 2010**
Area Sq Ft : **157,000**
Project Type : **EDUCATION**
Date of Survey : **19-Jan-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **1430** **Lot** : **5** **BIN** : **1044058**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$217,500	$221,800
Interior Architecture	$12,501,600	$3,826,900
Electrical		$1,700,700
Mechanical	$265,400	$6,605,500
Site Enclosure	$52,400	
Total	**$13,036,900**	**$12,354,900**
Importance Code A	$217,500	$221,800
Importance Code B	$11,687,200	$12,076,900
Importance Code C	$1,132,200	$56,200
Total	**$13,036,900**	**$12,354,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,400		$9,600	
Interior Architecture	$215,400			$23,600
Electrical	$25,700	$14,700	$15,200	$18,200
Mechanical	$62,100	$32,800	$35,200	$23,400
Site Enclosure	$28,900			
Site Pavements	$66,800			
Total	**$446,200**	**$47,500**	**$60,000**	**$65,200**
Importance Code A	$74,800	$15,500	$25,100	$15,500
Importance Code B	$229,900	$31,900	$34,800	$49,600
Importance Code C	$141,600			
Total	**$446,200**	**$47,500**	**$60,000**	**$65,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$245,100	
Masonry: Limestone	3%			LIFE	* *	5	$6,100	
Metal Panel	7%			2043	* *	5-10	$65,500	
Windows								
Aluminum	99%	Now	$94,900	2041	* *	5	$10,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Steel	1%	Now	$15,100	2058	* *	5	$1,300	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Weather Strip Missing, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$26,400	
Masonry: Limestone	5%			LIFE	* *	5-10	$2,500	
Roof								
Metal Panel	5%			2046	* *	10	$9,600	
Modified Bitumen	95%			2038	* *	10	$99,300	
Soffits								
Stucco Cement	100%	4+	$4,400	2038	* *	5	$1,300	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$51,600	
Ceramic Tile	3%	2-4	$79,900	2036	* *	5	$3,500	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Toilets Throughout And Kitchen								
Sheet Vinyl/Rubber	2%			2038	* *	5	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : Location Noted								
Terrazzo	2%			LIFE	* *	5	$7,400	
Vinyl Tile	55%	Now	$179,300	2033	$3,586,600	3	$48,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	Now	$10,415,500	2043	* *	3	$22,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	8%	4+	$225,300	2048	* *	5	$17,700	
Deteriorated Finish, Extent : Light, Area Affected : 45%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$39,000	
Ceramic Tile	3%	Now	$51,500	2036	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Concrete Masonry Unit	45%	Now	$660,400	LIFE	* *	5	$56,200	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Throughout								
Folding Partition	3%	Now	$259,500	2041	* *	5	$11,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Glass Block	2%	Now	$108,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Locker Rooms								
Marble Panels	2%			LIFE	* *	10	$2,500	
Plaster	10%	Now	$38,000	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Kitchen, Exits And Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$46,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$379,800	2038	* *	5	$29,500	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	55%			LIFE	* *	5-10	$162,300	
Exposed Struc: Steel	5%			LIFE	* *	10	$23,600	
Fiber Board	5%			2033	$184,100			
Plaster	10%	Now	$35,900	LIFE	* *	5	$14,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs And Exits Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	75%	0-2	$52,400	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Iron Picket	25%	0-2	$4,800	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$24,100	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Rear Yard								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$32,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs At Rear Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	90%	Now	$7,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Rear Gate								
Activity Yard								
Asphalt	100%	Now	$23,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$700	
Raceway								
Conduit	90%			2033	$259,900	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	1%			2032	$3,000	5		
Fused Knife Sw	5%			2032	$15,000	5	$200	
Molded Case Bkrs	70%			2049	* *	5	$2,900	
Molded Case Bkrs	24%			2032	$71,800	5	$1,000	
Wiring								
Braided Cloth	50%			2032	$199,800	1		
Thermoplastic	20%			2053	* *	1		
Thermoplastic	30%			2033	$119,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$135,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2038	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Main Lobby								
LED	5%	Now	$4,400	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Fixtures Not Operational								
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$105,400	10	$15,200	
Exit, Battery	50%			2038	* *	10	$5,300	
Exterior Lighting								
HID	10%			2028	$73,300	10		
No Component	90%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$29,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2033	$147,400	1	$29,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$405,000	1-3	$99,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$365,100	5	$48,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : Two Tanks 10,000 Gallons Each								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$27,400	2038	* *	1	$139,900	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Pump In The Basement One Of Two								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%	Now	$62,900	2043	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%	Now	$11,800	2033	$590,900	1	$17,500	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Mechanical Room Unit Serving The Cafeteria								
Convector/Radiator	80%			2038	* *	1	$40,600	
Controls								
Pneumatic	100%			2031	$3,034,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	20%			2033	$745,600			
Window/Wall Unit	80%			2028	$475,800	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$138,600	
Exhaust Fans								
Interior	40%	Now	$5,600	2033	$278,500	2	$1,500	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Flexible Connections At Fan								
Roof	60%			2033	$182,800	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$759,200	4	$23,300	
Sanitary Piping								
Cast Iron	100%	Now	$98,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Basement Floor Drains								
Corroded, Extent : Severe, Area Affected : 80%								
Location : Kitchen Grease Traps, Both Damaged And 1 Of 2 Cannot Be Used.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2033	$31,400	4	$5,000	
Backflow Preventer								
Generic	100%			2038	* *	1	$9,600	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%	Now	$64,800	2033	$64,800	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Two Units In The Basement, One Is For The Kitchen								
Hot Water Storage Tank								
Generic	100%			2028	$30,800	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Storage Tanks - 300 Gallons Each, One For Each Burner. Quantity 2.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$108,600	1-2	$2,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 168 - Q**		
Address	: **158-40 76 ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q168**
Program / Asset #	: **BOE0813.000 / 2853**	**Yr Built/Renovated**	: **1953 / 2013**
Area Sq Ft	: **121,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **6826** **Lot** : **1**	**BIN**	: **4147847**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$351,100	$2,564,400
Interior Architecture	$942,500	$296,400
Electrical	$102,600	$453,200
Mechanical	$91,100	$3,990,600
Site Enclosure	$95,300	
Site Pavements		$490,100
Total	**$1,582,600**	**$7,794,800**
Importance Code A	$351,100	$2,564,400
Importance Code B	$1,064,400	$5,230,400
Importance Code C	$167,100	
Total	**$1,582,600**	**$7,794,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$81,800			
Interior Architecture	$203,000		$19,700	$4,400
Electrical	$14,500	$11,300	$14,600	$11,500
Mechanical	$66,000	$33,900	$34,500	$23,800
Site Enclosure	$13,800			
Site Pavements	$19,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$402,700**	**$49,200**	**$72,800**	**$43,700**
Importance Code A	$93,700	$12,000	$12,000	$12,000
Importance Code B	$165,200	$37,200	$60,800	$31,700
Importance Code C	$143,900			
Total	**$402,700**	**$49,200**	**$72,800**	**$43,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$3,500	
Masonry: Brick Cavity	80%			LIFE	* *	5	$88,400	
Masonry: Limestone	5%			LIFE	* *	5	$4,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$35,900	
Windows								
Aluminum	100%	Now	$275,400	2049	* *	5	$14,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$88,700	
Masonry: Limestone	10%			LIFE	* *	5-10	$17,600	
Roof								
Copper/Terne	5%			2061	* *	10	$15,900	
IRMA/Protected Membrane	82%			2033	$2,460,400	10	$104,000	
Modified Bitumen	10%			2038	* *	10	$12,700	
Skylight, Metal/Glass	3%			2043	* *	10	$12,700	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%	Now	$28,600	LIFE	* *	5	$36,700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Stairs To Cafeteria								
Ceramic Tile	5%			2042	* *	5	$8,400	
Sheet Vinyl/Rubber	4%			2041	* *	5	$10,100	
Terrazzo	5%			LIFE	* *	5	$13,100	
Vinyl Tile	50%			2038	* *	3	$31,500	
Vinyl Tile 9" X 9"	1%			2028	$296,400	3	$800	
Wood	25%	Now	$751,300	2048	* *	5	$39,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$24,100	
Folding Partition	1%	Now	$20,900	2041	* *	5	$3,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Glazed Ceramic Panel	15%			LIFE	* *	10	$40,700	
Gypsum Board	5%			LIFE	* *	5-10	$25,600	
Plaster	49%	0-2	$71,800	LIFE	* *	5	$44,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$30,100	
Ceilings								
AcousTileConcealSpLn	10%	0-2	$27,000	2038	* *	5	$10,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Basement								
AcousTileSusp.Lay-In	5%			2046	* *	5	$8,400	
Exposed Struc: Concrete	65%			LIFE	* *	5-10	$136,500	
Plaster	20%	0-2	$20,400	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	5%	Now	$13,800	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 77th Avenue								
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : 77th Avenue								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : 77th Avenue								
Iron Picket	95%	Now	$95,300	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 2%								
Location : Front Of Building								
Free Standing Walls								
Cast in Place Concrete	95%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Activity Yard Handball Court								
Explanation : Handball Court Wall								
Masonry: Brick	5%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,800	2031	$490,100			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : 76th Road								
On-Site Walkways								
Asphalt	10%			2042	* *			
Cast in Place Concrete	80%	0-2	$9,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Steps								
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	90%			2042	* *			
Rubber Matting	10%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	60%			2033	$146,200	1		
Conduit	40%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$15,000	5	$100	
Molded Case Bkrs	10%			2032	$29,900	5	$300	
Molded Case Bkrs	85%			2049	* *	5	$2,700	
Wiring								
Braided Cloth	30%	2-4	$102,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2038	* *	10	$107,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$14,600	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$169,400	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,300	
Alarm								
Security System								
Generic	100%			2041	* *	1	$45,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$74,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$119,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement								
Explanation : 2 New Units.								
Distribution								
Steam Piping/Pump	100%			2033	$968,900			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$91,100	2028	$455,400	1	$13,500	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Units For Auditorium And Gymnasium								
Obsolete Equipment, Extent : Severe, Area Affected : 30%								
Location : Unit For Auditorium.								
Convector/Radiator	80%			2031	$791,600	1	$31,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%			2028	$89,300	1	$2,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Window/Wall Unit	70%			2028	$320,900	1		
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2028	$138,400	1	$2,000	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2028	$23,800	2	$4,200	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$106,800	
Exhaust Fans								
Interior	100%			2028	$536,600	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$308,900	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 275 Gallon Unit								
Sanitary Piping								
Cast Iron	10%	0-2	$3,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Sub-basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$24,200	4	$3,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2033	$63,400	4	$7,200	
Backflow Preventer								
Generic	100%			2038	* *	1	$7,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$167,300	1-2	$3,400	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 172 - Q**		
Address	: **81-14 257 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q172**
Program / Asset #	: **BOE0816.000 / 1536**	**Yr Built/Renovated**	: **1954 / 2005**
Area Sq Ft	: **134,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8731** **Lot** : **4**	**BIN**	: **4178464**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$811,500	$243,800
Interior Architecture	$9,447,300	
Electrical	$119,900	$1,133,600
Mechanical	$62,700	$3,189,000
Total	**$10,441,400**	**$4,566,400**
Importance Code A	$874,200	$1,496,900
Importance Code B	$9,498,100	$3,069,600
Importance Code C	$69,100	
Total	**$10,441,400**	**$4,566,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$30,000		$29,100	
Interior Architecture	$123,800		$43,300	$16,100
Electrical	$21,700	$12,500	$13,000	$15,100
Mechanical	$78,800	$21,800	$32,000	$30,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$258,200**	**$38,200**	**$121,300**	**$66,100**
Importance Code A	$30,000	$14,200	$43,300	$14,200
Importance Code B	$139,700	$24,000	$71,700	$51,900
Importance Code C	$88,500		$6,300	
Total	**$258,200**	**$38,200**	**$121,300**	**$66,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE		5	$232,700	
Window Wall	5%			2053	* *	5	$23,000	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Exterior Facade								
Explanation : Kalwall With Window System								
Windows								
Aluminum	100%	Now	$695,200	2049	* *	5	$24,300	
Hardware Missing, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads, Kalwall System, Main Entrance								
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5-10	$19,200	
Metal Rail	30%			2046	* *	5-10	$25,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$5,900	
Roof								
Built-Up (BUR)	85%			2038	* *	10	$127,400	
Metal Panel	5%			2046	* *	10	$13,700	
Modified Bitumen	10%	4+	$3,300	2038	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Cafeteria Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$14,800	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 257th Street Entrance								
Interior								
Floors								
Ceramic Tile	5%			2036	* *	5	$10,800	
Terrazzo	2%			LIFE	* *	5	$6,700	
Vinyl Tile	20%			2038	* *	3	$16,100	
Vinyl Tile 9" X 9"	60%	0-2	$9,114,900	2043	* *	3	$48,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	13%			2061	* *	5	$52,500	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$12,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$10,000	
Folding Partition	3%			2049	* *	5	$18,800	
Glazed Ceramic Panel	5%			LIFE	* *	10	$11,300	
Gypsum Board	5%			LIFE	* *	5-10	$21,300	
Masonry: Brick	5%			LIFE	* *	10	$3,800	
Plaster	50%			LIFE	* *	5-10	$106,700	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$25,100	
Wood	2%			LIFE	* *	5	$40,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$156,800	2038	* *	5	$24,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
AcousTileConcealSpLn	10%			2038	* *	5	$24,400	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$121,800	
Plaster	15%			LIFE	* *	5-10	$50,200	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	80%			2053	* *			
Masonry: Fieldstone	20%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Masonry: Granite	10%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	70%			2033	$202,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$15,000	5	$200	
Fused Knife Sw	1%	2-4	$3,000	2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Obsolete Equipment								
Molded Case Bkrs	94%			2049	* *	5	$3,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	$119,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$700	
Locally Mounted	20%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$123,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$2,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Storage Room And Mechanical Room								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$17,400	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	10%			2028	$62,500	10		
LED	10%			2038	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$251,500	1	$50,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$345,600	1-3	$85,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm Panel Alarm Bells, And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$334,300	5	$44,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$62,700	2031	$1,253,100	1	$128,100	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler No. 3 Needs Retube In The Basement. No. 1 And 2 Boiler Leaking Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$7,100	
Terminal Devices								
Air Handler	20%			2033	$541,100	1	$17,800	
Convector/Radiator	80%			2038	* *	1	$37,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	20%			2041	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Auditorium								
Explanation : 12 Units In Auditorium								
Window/Wall Unit	30%			2028	$163,400	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$126,900	
Exhaust Fans								
Interior	70%			2028	$446,300	2	$3,100	
Roof	30%			2028	$83,700	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$367,100	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$14,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$25,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Area								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria Area								
Explanation : Backup At Cafeteria During Heavy Rain								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement Through 1st Floor. Unit Decommissioned								
Explanation : 1 Freight Unit Is Not Working								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$4,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 180 - Q SCHOLARS ACADEMY**
Address : **320 BEACH 104 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0823.000 / 2851**
Area Sq Ft : **122,000**
Date of Survey : **14-Feb-2020**
Areas Surveyed : **Roof, Floors 1,2,3**
Block : **16159** **Lot** : **12**

Agency's Number : **Q180**
Yr Built/Renovated : **1958 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4303722**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$415,900	$343,600
Interior Architecture	$244,200	$3,987,800
Electrical	$239,300	$651,300
Mechanical	$23,700	$2,571,600
Total	**$923,000**	**$7,554,200**
Importance Code A	$415,900	$343,600
Importance Code B	$507,200	$7,154,700
Importance Code C		$55,900
Total	**$923,000**	**$7,554,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$87,700			
Interior Architecture	$59,000	$16,100	$8,600	$4,600
Electrical	$19,000	$18,000	$36,100	$19,500
Mechanical	$65,700	$20,900	$29,900	$23,300
Site Enclosure	$5,300			
Total	**$236,800**	**$55,000**	**$74,500**	**$47,400**
Importance Code A	$99,800	$12,100	$12,100	$12,300
Importance Code B	$116,500	$41,200	$62,500	$35,000
Importance Code C	$20,500	$1,700		
Total	**$236,800**	**$55,000**	**$74,500**	**$47,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J. H. S. 180 - Q SCHOLARS ACADEMY
Asset # : 2851

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	69%			LIFE	* *	5	$89,600	
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : Ground Level								
Metal Panel	30%			2051	* *	5-10	$267,900	
Metal Coiling Doors	1%			2044	* *	5	$4,100	
Windows								
Aluminum	95%	0-2	$46,800	2047	* *	5	$4,900	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 5%								
Location : Front Entry								
Glass Block	3%			LIFE	* *	5	$200	
Metal Louvers	2%			2040	* *	10	$1,300	
Parapets								
Masonry: Brick Cavity	25%			LIFE	* *	5	$1,900	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Upper Roof Parapet								
Explanation : Modified Bituminous Roof Membrane Turned Up Parapet								
Masonry: Limestone	3%			LIFE	* *	5	$300	
Metal Panel	2%	Now	$5,000	2041	* *	5	$300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium Wing								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium Wing								
Metal Rail	70%			2048	* *	5-10	$97,400	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Upper Roof Parapet								
Explanation : Chain Link With Metal Rail								
Roof								
Built-Up (BUR)	40%	Now	$342,800	2041	* *			1
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Auditorium And Gymnasium Wing								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Throughout Lower Roof								
Copper/Terne	3%			2059	* *	10	$5,500	
Modified Bitumen	57%	2-4	$22,900	2036	* *			
Ponding, Extent : Light, Area Affected : 15%								
Location : Upper Roof								
Soffits								
Stucco Cement	100%			2044	* *	5	$22,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J. H. S. 180 - Q SCHOLARS ACADEMY
Asset # : 2851

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,000	
Mosaic Tile	4%	2-4	$34,200	2036	* *	5	$9,100	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Kitchen And 2nd, 3rd Floor Bathrooms								
Mosaic Tile	1%			2044	* *	5	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Bathrooms								
Explanation : New Renovation								
Terrazzo	2%			LIFE	* *	5	$2,900	
Vinyl Tile	15%	Now	$75,600	2031	$756,100	3	$10,300	
Adhesion Failure, Extent : Severe, Area Affected : 30%								
Location : Gymnasium								
Vinyl Tile	63%			2031	$3,175,700	3	$43,100	
Vinyl Tile 9" X 9"	5%	Now	$80,500	2041	* *	3	$3,400	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Office								
Wood	5%			2046	* *	5	$17,100	
Interior Walls								
Ceramic Tile	4%	2-4	$15,200	2034	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Room 140								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Tile Patching Evident								
Ceramic Tile	1%			2040	* *	5	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Bathrooms								
Explanation : Recent Renovation								
Concrete Masonry Unit	9%			LIFE	* *	5	$12,400	
Glazed Ceramic Panel	1%			LIFE	* *			
Mosaic Tile	1%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Mosaic Art Wall								
Plaster	54%			LIFE	* *	5	$55,900	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J. H. S. 180 - Q SCHOLARS ACADEMY
Asset # : 2851

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	0-2	$88,100	2036	* *	5	$27,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Corridors								
Patching Evident, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium And Corridors								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium And Corridors								
AcousTileSusp.Lay-In	8%			2044	* *	5	$14,600	
Exposed Struc: Concrete	50%			LIFE	* *	5	$14,300	
Metal Panel	2%			LIFE	* *	5	$4,600	
Plaster	10%			LIFE	* *	5	$11,400	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%	4+	$5,300	2066	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Transformers								
Dry Type	100%			2048	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kilovolt-amperes, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J. H. S. 180 - Q SCHOLARS ACADEMY
Asset # : 2851

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2031	$195,000	1		
Conduit	20%			2057	* *	1		
Panelboards								
Fused Disc Sw	5%			2053	* *	5	$100	
Molded Case Bkrs	80%			2030	$239,500	5	$2,600	
Molded Case Bkrs	15%			2053	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$239,300	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	30%			2057	* *	1		
Motor Controllers								
Locally Mounted	20%			2029	$36,300	5	$200	
Locally Mounted	60%			2048	* *	5	$500	
Variable Frequency Drive	20%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$37,500	
Generators								
Natural Gas	100%			2044	* *	1	$47,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 200 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,500	
Lighting								
Interior Lighting								
Fluorescent	85%			2039	* *	10	$95,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	15%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$14,700	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	15%			2031	$85,400	10	$100	
LED	5%			2039	* *			
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
J. H. S. 180 - Q SCHOLARS ACADEMY
Asset # : 2851

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$13,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$77,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Station, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$120,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	15%	0-2	$44,000	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pumps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Steam Piping/Pump	85%			2041	* *			
Terminal Devices								
Air Handler	30%			2031	$688,800	1	$22,600	
Convector/Radiator	70%			2029	$698,300	1	$27,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : New Central Air System Installation Is Still In Progress								
Distribution								
Under Construction	100%							
Terminal Devices								
Under Construction	100%							

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DEPARTMENT OF EDUCATION - 040

J. H. S. 180 - Q SCHOLARS ACADEMY

Asset # : 2851

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Under Construction	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,000	
Exhaust Fans								
Interior	75%			2031	$405,800	2	$2,800	
Roof	15%			2036	* *	2	$600	
Roof	10%			2026	$23,700	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$778,700	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,900	
Sewage Ejector(s)								
Electric	100%			2039	* *	4	$4,900	
Backflow Preventer								
Generic	100%			2039	* *	1	$7,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,700	
Fire Pump								
Generic	100%			2040	* *	1	$22,800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 185 - Q**		
Address	: **147-26 25 DRIVE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q185**
Program / Asset #	: **BOE0827.000 / 2761**	**Yr Built/Renovated**	: **1956 / 2015**
Area Sq Ft	: **127,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Nov-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**		
Block	: **4802** **Lot** : **1**	**BIN**	: **4108664**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$284,100	$202,500
Interior Architecture	$1,249,100	$86,600
Electrical	$717,400	$870,900
Mechanical	$216,200	$3,454,800
Total	**$2,466,800**	**$4,614,800**
Importance Code A	$335,500	$1,309,400
Importance Code B	$1,724,200	$3,218,800
Importance Code C	$407,100	$86,600
Total	**$2,466,800**	**$4,614,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,500		$14,400	
Interior Architecture	$160,300	$8,700		$28,600
Electrical	$57,200	$4,800	$17,200	$4,300
Mechanical	$76,400	$19,000	$49,700	$26,600
Site Enclosure	$37,100			
Site Pavements	$17,500			
Total	**$349,900**	**$32,500**	**$81,300**	**$59,500**
Importance Code A	$14,500	$12,600	$27,000	$12,600
Importance Code B	$259,400	$11,200	$54,300	$36,100
Importance Code C	$76,000	$8,700		$10,800
Total	**$349,900**	**$32,500**	**$81,300**	**$59,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	1%			2041	* *	10	$1,500	
Masonry: Brick	64%	4+	$164,600	LIFE	* *	5	$100,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwell Bulkheads								
Metal/Glass Curt Wall	35%			LIFE	* *	5	$102,500	
Windows								
Aluminum	1%	Now	$500	2053	* *	5	$300	
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : One Window On Second Floor Corridor On East Side								
Aluminum	99%			2053	* *	5	$53,000	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$20,100	
Metal Rail	5%			2048	* *	5-10	$21,300	
Other Observation, Extent : Light, Area Affected : 85%								
Location : Auditorium/ Gymnasium Building And Lower Roof Connector								
Explanation : Metal Rail								
Pre-Cast Concrete	10%			LIFE	* *	5	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Roofs								
Explanation : Coping								
Roof								
Copper/Terne	5%			2066	* *	10	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Bulkheads And Vent Opening								
Modified Bitumen	95%	0-2	$119,500	2039	* *			
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Lower Roofs								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Main And Auditorium/ Gymnasium Roofs								
Explanation : Ponding								
Soffits								
Stucco Cement	100%	4+	$900	2044	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Entry								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$32,300	LIFE	* *	5	$41,500	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Rooms And Boys Locker Room								
Water Penetration, Extent : Severe, Area Affected : 1%								
Location : Boys Locker Room In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Epoxy Coated								
Ceramic Tile	4%	4+	$8,600	2040	* *	5	$3,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Mop Room								
Patching Evident, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Ceramic Tile	1%			2044	* *	5	$1,900	
Recent Replace Evident, Extent : N/A, Area Affected : 1%								
Location : First Floor								
Terrazzo	5%			LIFE	* *	5	$7,400	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Ground Floor And Foyer Entrance								
Vinyl Tile	35%	Now	$36,700	2036	* *	3	$24,900	
Uneven Surface, Extent : Severe, Area Affected : 2%								
Location : Rooms 203 And 205								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Corridors And Stairwells Throughout								
Vinyl Tile 9" X 9"	40%	Now	$669,800	2041	* *	3	$28,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Classrooms, Basement Foyer To Main Playground And Room G51								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Basement Foyer To Main Playground								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Classrooms Throughout And Basement Foyer To Large Playground								
Uneven Surface, Extent : Severe, Area Affected : 10%								
Location : Classrooms With Green Tile								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Classrooms And Basement Foyer To Main Playground								
Wood	5%			2059	* *	5	$17,800	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	1%			2044	* *	5	$4,300	
Recent Replace Evident, Extent : N/A, Area Affected : 1%								
Location : First Floor								
Ceramic Tile	4%			2040	* *	5	$17,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen, Locker Rooms And Bathrooms								
Explanation : Tile								
Concrete Masonry Unit	50%	0-2	$407,100	LIFE	* *	5	$86,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Rooms And Stair Bulkheads To Roof								
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Boiler Room								
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Stair Bulkhead								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Sprinkler Room								
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Stair Bulkhead And Columns In Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkhead								
Explanation : Paint Peeling								
Folding Partition	2%			2047	* *	5	$21,700	
Glazed Ceramic Panel	3%	2-4	$49,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Lobby Corridor								
Masonry: Brick	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Foyer At Entrance And Mechanical Room								
Explanation : Location								
Plaster	10%			LIFE	* *	5	$13,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Stair E And F Between Second And Third Floors								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$172,200	2051	* *	5	$8,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Basement Foyer To Playground, First Floor Corridor, Basement Corridor Near B6 And Cafeteria								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Basement Foyer To Playground And Cafeteria								
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : Basement Foyer To Playground, Basement Corridor And Cafeteria								
AcousTile,Adhered	8%			2048	* *	5	$14,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, General Offices And Principal's Office								
AcousTile,Adhered	10%			2044	* *	5	$17,800	
Exposed Struc: Concrete	60%			LIFE	* *	5	$16,700	
Gypsum Board	2%	Now	$1,200	LIFE	* *	5	$4,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Auditorium Ceiling								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Auditorium Center Ceiling Panel								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Auditorium								
Explanation : Paint Peeling								
Plaster	10%	4+	$10,900	LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Womens Bathroom On Ground Floor								
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$10,100	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : At 25th Drive And 147th Street At Main Playground Fence Base And 26th Avenue And 149th Street								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 26th Avenue And 149th Street								
Iron Picket	25%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	5%	Now	$200	2066	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Main Playground								
Masonry: Brick	95%	4+	$7,500	2057	* *			
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : 25th Drive At 148th Street Post								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	90%	2-4	$19,400	2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Playground								
Masonry: Brick	10%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	95%	2-4	$4,300	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Courtyard And 25th Drive Walkway								
Masonry: Granite	5%	4+	$2,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : 149th Street Entry								
Activity Yard								
Asphalt	90%	4+	$6,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Playground And Small Playground At Table Connections								
Pavers/Stone	10%	Now	$4,600	2040	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Main Playground								
Tripping Hazard, Extent : Severe, Area Affected : 20%								
Location : Main Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$51,400	2061	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each And On Extended Life.								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$260,100	2061	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2057	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2053	* *	5	$100	
Fused Knife Sw	15%	2-4	$44,900	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2030	$224,500	5	$2,500	
Molded Case Bkrs	5%			2053	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$307,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2057	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$111,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Fluorescent	2%			2031	$37,900	10	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Crawlspace								
Explanation : Compact Fluorescent Lights								
LED	2%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	45%			2031	$95,900	10	$13,800	
Emergency, Battery	5%			2039	* *	10	$1,500	
Exit, Service	25%			2031	$13,700	1		
Exit, Service	25%			2026	$13,700	1		
Exterior Lighting								
Fluorescent	28%			2039	* *	10	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Compact Fluorescent Lights. Control By A Timer Switch.								
HID	2%			2039	* *	10		
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Staircases, Outside Perimeter								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System.								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$98,300	2041	* *	1-3	$21,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Cafeteria, Auditorium And Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$39,300	
Conversion Equipment								
Steam Boiler	95%			2029	$1,051,600	1	$119,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	5%	0-2	$1,100	2029	$55,300	1	$5,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Leaks At No. 2 Oil Pump, Boiler Room								
Distribution								
Steam Piping/Pump	10%			2061	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Vacuum Pumps And Steam Traps, Throughout								
Steam Piping/Pump	2%	0-2	$1,000	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : The Pipe On Top Of Boilers No.2, Boiler Room								
Steam Piping/Pump	88%			2041	* *			
Terminal Devices								
Air Handler	25%			2031	$597,500	1	$19,600	
Convector/Radiator	75%			2051	* *	1	$30,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : New Steam Trap Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2030	$336,800	1		
No Component	30%							

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DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,800	
Exhaust Fans								
Interior	40%			2031	$225,300	2	$1,600	
Roof	60%	0-2	$147,900	2041	* *	2	$1,900	
Broken, Extent : Severe, Area Affected : 25%								
Location : Motors, Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%	0-2	$24,300	2029	$486,400	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2026	$68,300	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$614,100	4	$12,600	
Abandoned in Place, Extent : Moderate, Area Affected : 50%								
Location : 1 Out Of 2 Units, Boiler Room								
Sanitary Piping								
Cast Iron	100%	0-2	$32,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up On 1st Floor Boys Bathroom.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$25,400	4	$2,700	
Backflow Preventer								
Generic	100%			2036	* *	1	$7,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$87,800	1-2	$1,800	
Chemical System								
No Component	99%							
Generic	1%			2026	$1,000	1-3	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 189 - Q**		
Address	: **144-80 BARCLAY AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q189**
Program / Asset #	: **BOE0830.000 / 1519**	**Yr Built/Renovated**	: **1957 / 1999**
Area Sq Ft	: **140,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5051** **Lot** : **27**	**BIN**	: **4114763**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,146,500	$643,000
Interior Architecture	$15,158,700	$105,600
Electrical	$410,600	$1,311,500
Mechanical	$426,800	$6,115,900
Site Pavements	$121,800	
Total	**$18,264,400**	**$8,176,000**
Importance Code A	$2,146,500	$2,003,700
Importance Code B	$15,979,000	$6,172,400
Importance Code C	$138,900	
Total	**$18,264,400**	**$8,176,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$96,500		$48,200	
Interior Architecture	$63,900	$2,600		$28,800
Electrical	$15,600	$5,600	$6,100	$4,900
Mechanical	$90,300	$24,800	$60,900	$33,900
Site Enclosure	$14,200			
Site Pavements	$300			
Total	**$280,700**	**$33,000**	**$115,100**	**$67,500**
Importance Code A	$111,300	$14,900	$63,300	$14,900
Importance Code B	$149,400	$15,500	$51,700	$46,100
Importance Code C	$20,000	$2,600		$6,600
Total	**$280,700**	**$33,000**	**$115,100**	**$67,500**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$32,000	
Glazed Ceramic Panel	3%			LIFE	* *	5	$18,000	
Masonry: Brick Cavity	60%	4+	$484,900	LIFE	* *	5	$76,800	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Exterior								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Masonry Glazed Brick Painted								
Metal/Glass Curt Wall	22%	2-4	$474,500	LIFE	* *	5	$52,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Metal Frames Along Play Yard								
Metal: Cage/Fence	10%			2036	* *	5	$56,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor Windows								
Explanation : Cage Around Ground Floor Windows								
Windows								
Aluminum	90%			2039	* *	5	$45,700	
Metal Louvers	5%			2034	* *	10	$15,900	
Steel	5%	Now	$114,500	2056	* *	5	$15,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs, Lobby								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Copper/Terne	5%			2051	* *	5	$1,200	
Masonry: Brick Cavity	50%			LIFE	* *	5	$2,400	
Masonry: Limestone	35%	Now	$21,200	LIFE	* *	5	$2,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping								
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium Parapet								
Explanation : No Parapet								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	2%	Now	$36,600	2041	* *			1
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Awning At Rear Play Yard								
Copper/Terne	5%			2046	* *	10	$19,600	
IRMA/Protected Membrane	63%	Now	$933,600	2041	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 50%								
Location : Throughout Upper Roof								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout Upper And Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout Upper And Lower Roof								
Modified Bitumen	30%	Now	$51,300	2031	$513,500			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Roof At Sanford Avenue								
Soffits								
Cast in Place Concrete	100%	Now	$87,600	LIFE	* *	5	$7,400	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Soffit By Play Yard								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$49,200	
Mosaic Tile	5%	4+	$21,100	2036	* *	5	$14,100	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Lobby, Kitchen, Bathroom								
Terrazzo	1%			LIFE	* *	5	$1,800	
Vinyl Tile	45%	4+	$55,900	2036	* *	3	$37,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Lobby, Corridor								
Vinyl Tile 9" X 9"	34%	4+	$269,800	2026	$13,491,000	3	$28,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 1st Floor Corridor								
Wood	5%	Now	$402,300	2071	* *	5	$10,500	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	2%			2040	* *	5	$5,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2 Bathrooms Renovate								
Ceramic Tile	3%	4+	$8,700	2040	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Lobby, Corridor, Old Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,500	
Folding Partition	2%			2047	* *	5	$13,100	
Glass: Single Pane	5%			LIFE	* *	5	$9,800	
Metal Panel	3%	Now	$81,400	LIFE	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium, Auditorium								
Plaster	45%	2-4	$57,500	LIFE	* *	5	$35,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors, Auditorium								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	4+	$32,800	2036	* *	5	$25,400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Basement, 1st Floor Corridor								
AcousTileSusp.Lay-In	2%	2-4	$1,400	2044	* *	5	$2,000	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Laboratory Classroom								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Laboratory Classroom								
Exposed Struc: Concrete	10%	Now	$61,000	LIFE	* *	5	$3,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boys Locker								
Metal Panel	15%	Now	$606,700	LIFE	* *	5	$38,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Cafeteria								
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$12,700	
Plaster	43%	4+	$133,100	LIFE	* *	5	$54,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 3rd Floor, Stairwell								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%			2051	* *			
Iron Picket	60%	4+	$11,000	2066	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Sanford Avenue And Front Entrance								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout Fence								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Sanford Avenue								
Retaining Walls								
Cast in Place Concrete	65%			2066	* *			
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Barclay Avenue								
Masonry: Brick	35%	4+	$3,200	2051	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 147th Street								
Other Observation, Extent : Light, Area Affected : 10%								
Location : 147th Street								
Explanation : Peeling Paint								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$121,800	2044	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 20%								
Location : Sanford Avenue								
On-Site Walkways								
Cast in Place Concrete	95%			2044	* *			
Masonry: Granite	5%	Now	$300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Activity Yard Steps								
Activity Yard								
Asphalt	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$292,600	5	$3,700	
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$200	
Molded Case Bkrs	90%			2030	$269,400	5	$3,300	
Molded Case Bkrs	5%			2047	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$130,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$126,100	10	$18,100	
Exit, Service	50%			2031	$32,400	1		
Exterior Lighting								
HID	20%			2031	$130,700	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$26,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$349,300	5	$46,500	
Conversion Equipment								
Steam Boiler	100%			2029	$1,309,200	1	$148,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$24,100	2041	* *			
Controller Not Working, Extent : Moderate, Area Affected : 30%								
Location : Thermostats, Various Locations								
Steam Piping/Pump	90%			2031	$1,082,500			
Terminal Devices								
Air Handler	10%	0-2	$5,700	2031	$282,700	1	$8,400	
Broken, Extent : Moderate, Area Affected : 5%								
Location : The Motor Of The Kitchen Unit								
Air Handler	15%			2031	$424,000	1	$13,900	
Convector/Radiator	75%	0-2	$18,400	2029	$921,200	1	$32,700	
Not Energy Efficient, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2036	* *			
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Lunch Area								
Window/Wall Unit	75%			2026	$426,800	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2036	* *	1	$2,400	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2036	* *	2	$5,200	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,800	
Exhaust Fans								
Interior	40%			2031	$266,500	2	$1,800	
Roof	40%			2031	$116,600	2	$1,800	
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : There Is No Fresh Air Circulation In Auditorium And Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	2%	Now	$800	2041	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Cellar								
Brass/Copper	68%			2041	* *	1		
Galvanized Steel	30%			2029	$575,300	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$726,300	4	$14,900	
Sanitary Piping								
Cast Iron	10%	0-2	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Water Backs Up To Kitchen When It Rains								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : From Room 303 To Room 203								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$30,100	4	$3,200	
Fixtures								
Generic	20%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Generic	80%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$62,300	1-2	$1,300	
Fire Pump								
Generic	100%			2034	* *	1	$28,100	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 190 - Q**		
Address	: **68-17 AUSTIN STREET @ YELLOWSTONE BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q190**
Program / Asset #	: **BOE0831.000 / 1520**	**Yr Built/Renovated**	: **1954 / 2001**
Area Sq Ft	: **123,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3172** **Lot** : **2**	**BIN**	: **4075214**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$406,300	$150,000
Interior Architecture	$833,200	$16,536,900
Electrical		$570,200
Mechanical	$2,938,300	$4,339,600
Total	**$4,177,800**	**$21,596,700**
Importance Code A	$459,900	$1,222,100
Importance Code B	$3,456,900	$20,374,600
Importance Code C	$261,000	
Total	**$4,177,800**	**$21,596,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,800		$37,600	
Interior Architecture	$197,700		$21,500	$11,600
Electrical	$14,900	$11,500	$14,200	$11,500
Mechanical	$222,300	$38,800	$50,200	$63,100
Site Pavements	$19,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$502,300**	**$54,300**	**$127,500**	**$90,100**
Importance Code A	$43,800	$12,200	$49,800	$12,200
Importance Code B	$389,300	$42,100	$77,700	$77,900
Importance Code C	$69,200			
Total	**$502,300**	**$54,300**	**$127,500**	**$90,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$300,000	
Masonry: Granite	2%			LIFE	* *	5	$4,800	
Masonry: Limestone	5%			LIFE	* *	5	$12,100	
Windows								
Aluminum	10%	Now	$84,400	2049	* *	5	$2,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridor								
Aluminum	90%			2049	* *	5	$39,800	
Parapets								
Masonry: Brick	78%			LIFE	* *	5-10	$121,900	
Masonry: Limestone	5%			LIFE	* *	5-10	$13,900	
Metal Rail	15%			2046	* *	5-10	$61,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$5,800	
Roof								
Built-Up (BUR)	93%	4+	$67,700	2038	* *			
Ponding, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Roof								
Copper/Terne	5%			2061	* *	10	$15,600	
Skylight, Metal/Glass	2%			2043	* *	10	$8,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$79,400	
Ceramic Tile	3%	0-2	$30,700	2042	* *	5	$2,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Cork Tile	2%	Now	$146,300	2063	* *	5	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Library								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Library								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Library								
Explanation : Tiles Peeling Up								
Poured Epoxy/Resin	1%	4+	$5,100	2031	$101,700			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Science Class								
Poured Epoxy/Resin	1%			2031	$101,700			
Terrazzo	2%			LIFE	* *	5	$5,700	
Vinyl Tile	20%			2038	* *	3	$13,600	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Corridors								
Vinyl Tile 9" X 9"	51%	Now	$326,700	2028	$16,333,600	3	$34,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Teachers Lunch Room And Basement Storage Room								
Wood	10%			2061	* *	5	$34,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$38,500	2036	* *	5	$3,500	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$18,700	
Folding Partition	5%			2049	* *	5	$29,200	
Glazed Ceramic Panel	2%			LIFE	* *	10	$4,200	
Plaster	55%	Now	$156,100	LIFE	* *	5	$38,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridor And Classrooms 317, 329 And 342								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Corridor And Classrooms 317, 329 And 342								
SGFT/Glazed Masonry	25%	4+	$104,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement Corridor								
Ceilings								
AcousTile,Adhered	30%			2038	* *	5	$54,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Basement And 3rd Floor Corridors Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$113,400	
Metal Panel	5%			LIFE	* *	5	$22,700	
Plaster	15%	Now	$41,400	LIFE	* *	5	$17,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Corridor And Classrooms 317, 329 And 342								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Corridor And Classrooms 317, 329 And 342								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Corridor And Classrooms 317, 329 And 342								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2053	* *			
Iron Picket	90%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2043	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$17,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Austin Street At Tree Pits								
On-Site Walkways								
Cast in Place Concrete	90%	4+	$1,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Pedestrian Way At Tree Pits								
Masonry: Granite	10%	2-4	$700	LIFE	* *			
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Exterior Steps At Each Exit								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	70%			2033	$170,600	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	90%			2049	* *	5	$2,900	
Wiring								
Braided Cloth	20%			2032	$68,400	1		
Thermoplastic	80%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$163,300	5	$700	
Locally Mounted	10%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2038	* *	10	$99,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2038	* *	10	$11,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement, Kitchen, Mechanical Rooms								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2038	* *	10	$11,900	
Exit, Battery	50%			2038	* *	10	$4,200	
Exterior Lighting								
HID	10%			2033	$57,400	10		
No Component	90%							
Alarm								
Security System								
Generic	50%			2041	* *	1	$23,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2041	* *	1	$23,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$75,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2063	* *	5	$38,100	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : 2 Tanks, 10000 Gallons Each, Underground / Vaulted								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior - On Grade								
Explanation : 1 Tank 10,000 Gallons (Temporary)								
Conversion Equipment								
Steam Boiler	100%	0-2	$53,600	2031	$1,072,100	1	$109,600	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 3 Units, 5360 Lbs/hr Each, 10 Tubes Plugged In Boiler No. 2								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$27,200	
Steam Piping/Pump	75%	Now	$36,900	2033	$738,700			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room: Vacuum Condensate Return System								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout - Steam Traps Replaced								
Terminal Devices								
Air Handler	25%			2028	$578,700	1	$19,000	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room, Fan Room 221: Auditorium, Gymnasium And Cafeteria Blowers								
Air Handler	5%			2033	$115,700	1	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor - Science Preparation Room								
Explanation : Ceiling Mounted								
Convector/Radiator	70%			2031	$704,100	1	$27,800	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Controls								
Pneumatic	100%	Now	$47,500	2027	$2,377,200			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Fan Room 221 - Gymnasium Blower								
Explanation : Defective Controls								
Air Conditioning								
Energy Source								
Electricity	75%			2049	* *	1		
No Component	25%							
Conversion Equipment								
Split Unit	5%			2033	$146,000			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Elevator Machine Room, Main Distribution Frame Room								
Explanation : Location Noted								
Window/Wall Unit	10%			2026	$46,600	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Various Locations								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	5%	Now	$23,300	2033	$23,300	1		
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Rooms 240, 241								
Window/Wall Unit	55%			2033	$256,300	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Classrooms								
No Component	25%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$108,600	
Exhaust Fans								
Interior	98%			2033	$534,600	2	$3,700	
Roof	2%	Now	$4,800	2043	* *	2	$100	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Main Roof - One Unit								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Abandoned in Place, Extent : Light, Area Affected : 50%								
Location : Basement - Boiler Room - One 225 Gallons Unit And Remote Storage Tank, Quantity 1								
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Basement - Boiler Room - One 100 Gallons, 275 Mbh Unit. Quantity 3.								
Sanitary Piping								
Cast Iron	100%	0-2	$154,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement, 1st Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$24,600	4	$3,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%	Now	$8,500	2033	$170,100	1-2	$3,000	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement - Sprinkler Main Valve								
Chemical System								
Generic	100%			2026	$306,000	1-3	$303,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood Covers 75 Square Feet (15 Ft x 5 Ft).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 194 - Q**
Address : **154-60 17 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0835.000 / 1495**
Area Sq Ft : **135,686**
Date of Survey : **01-Dec-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4729** **Lot** : **1**

Agency's Number : **Q194**
Yr Built/Renovated : **1958 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4107342**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,883,900	$255,600
Interior Architecture	$9,786,000	$28,731,200
Electrical	$359,600	$1,999,400
Mechanical	$69,700	$1,596,400
Total	**$13,099,100**	**$32,582,500**
Importance Code A	$2,883,900	$307,000
Importance Code B	$10,055,900	$32,219,300
Importance Code C	$159,400	$56,300
Total	**$13,099,100**	**$32,582,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,300	$20,800		
Interior Architecture	$132,300		$19,000	$20,300
Electrical	$33,600	$12,700	$13,100	$17,000
Mechanical	$64,500	$20,500	$30,900	$30,600
Site Pavements	$95,600			
Total	**$342,400**	**$54,000**	**$63,100**	**$67,900**
Importance Code A	$29,800	$34,300	$13,400	$13,400
Importance Code B	$201,900	$19,800	$49,600	$54,400
Importance Code C	$110,800			
Total	**$342,400**	**$54,000**	**$63,100**	**$67,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$127,100	LIFE	* *	5	$77,200	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 5%								
Location : Exterior Stair Walls								
Metal Panel	20%			2053	* *	5-10	$141,400	
Granite Panels	5%			LIFE	* *	5	$7,700	
Windows								
Aluminum	100%			2055	* *	5	$41,600	
Roof								
Built-Up (BUR)	5%			2028	$75,500	10	$6,500	
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof Teacher Cafeteria								
Copper/Terne	5%			2048	* *	10	$16,200	
IRMA/Protected Membrane	90%	Now	$2,756,800	2043	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Soffits								
Cast in Place Concrete	90%			LIFE	* *	5	$12,000	
Cement - Fiber Panel	10%			2033	$2,600	10	$400	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Entrance Canopy								
Explanation : Peeling Paint								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$44,400	
Terrazzo	5%			LIFE	* *	5	$15,900	
Vinyl Tile 9" X 9"	80%	Now	$8,602,500	2028	$28,674,900	3	$60,900	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	10%			2061	* *	5	$38,100	
Interior Walls								
Ceramic Tile	5%	Now	$20,600	2036	* *	5	$9,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Toilet Rooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$30,000	
Folding Partition	3%			2049	* *	5	$28,100	
Marble Panels	2%			LIFE	* *	10	$3,000	
Plaster	50%			LIFE	* *	5-10	$159,400	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$56,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$620,000	2053	* *	5	$9,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Basement Corridor								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Basement Corridor								
Exposed Struc: Concrete	70%	4+	$404,100	LIFE	* *	5	$21,100	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Steel	3%			LIFE	* *	10	$11,600	
Metal Panel	7%			LIFE	* *	5	$33,700	
Plaster	10%			LIFE	* *	5-10	$33,100	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2053	* *			
Iron Picket	90%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$37,600	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$46,900	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Granite	5%	4+	$11,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Entrance Steps And Exit Steps								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$292,600	5	$3,600	
Raceway								
Conduit	100%			2033	$288,800	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	90%			2032	$269,400	5	$3,200	
Wiring								
Braided Cloth	90%	2-4	$359,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	$40,000	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$122,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2028	$75,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	$113,900	10	$16,400	
Exit, Service	50%			2028	$29,300	1		
Exterior Lighting								
HID	20%			2038	* *	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$254,700	1	$50,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Offices, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$350,000	1-3	$86,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bell, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$134,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2059	* *	4	$6,700	
Terminal Devices								
Air Handler	30%			2033	$766,000	1	$25,200	
Convector/Radiator	70%			2038	* *	1	$30,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2028	$51,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$119,800	
Exhaust Fans								
Interior	50%			2028	$300,900	2	$2,100	
Roof	50%			2033	$131,600	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%	0-2	$69,700	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement								
Galvanized Steel	20%			2031	$346,400	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$13,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Backflow Preventer								
Generic	100%			2038	* *	1	$8,300	
Fixtures								
Generic	100%							

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DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 203 - BX FORMER (I.S. 183 - BX)**
Address : **339 MORRIS AVENUE @E. 140 STREET**
Borough : **BRONX**
Agency's Number : **X183**
Program / Asset # : **BOE0308.000 / 368**
Yr Built/Renovated : **1974 / 2003**
Area Sq Ft : **162,000**
Project Type : **EDUCATION**
Date of Survey : **06-Mar-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Ph**
Block : **2333** **Lot** : **70** **BIN** : **2000957**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$430,100	$718,800
Interior Architecture	$379,400	$3,993,000
Electrical	$336,900	$1,382,200
Mechanical	$878,200	$1,060,400
Site Pavements		$141,300
Total	**$2,024,400**	**$7,295,600**
Importance Code A	$430,100	$765,000
Importance Code B	$1,594,400	$6,465,400
Importance Code C		$65,100
Total	**$2,024,400**	**$7,295,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$19,600
Interior Architecture	$156,700		$18,700	$17,100
Electrical	$20,800	$15,700	$56,300	$15,500
Mechanical	$60,400	$48,600	$126,500	$43,000
Site Enclosure	$29,700			
Site Pavements	$14,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$286,200**	**$68,300**	**$205,300**	**$99,200**
Importance Code A	$16,000	$16,000	$16,400	$35,600
Importance Code B	$179,000	$52,300	$188,900	$63,600
Importance Code C	$91,100			
Total	**$286,200**	**$68,300**	**$205,300**	**$99,200**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	100%	Now	$430,100	LIFE	* *	5	$718,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : East 142nd Street Above Windows								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Scaffold Installed Around Building To Repair Parapet								
Windows								
Aluminum	100%			2047	* *	5	$39,100	
Parapets								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout Exterior								
Explanation : Scaffolding Installed To Repair Parapet								
Roof								
Copper/Terne	1%			2059	* *	10	$2,300	
Under Construction	99%							
Interior								
Floors								
Carpet	15%			2032	$660,000	3	$56,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Charter School 2nd And 3rd Floor								
Cast in Place Concrete	10%	4+	$42,300	LIFE	* *	5	$54,400	
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Basement								
Ceramic Tile	5%			2044	* *	5	$12,400	
Recent Installation, Extent : N/A, Area Affected : 80%								
Location : Students Restrooms								
Panel/Paver: Cer/Brk	5%			2039	* *	5	$28,000	
Quarry Tile	5%	4+	$18,300	2044	* *	5	$9,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Vinyl Tile	55%	4+	$75,600	2031	$3,780,100	3	$51,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria And 1st Floor Corridor								
Wood	5%	2-4	$14,800	2059	* *	5	$11,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Water Fountain								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	9%	Now	$37,200	LIFE	* *	5	$7,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair F Backstage And Storage Basement								
Concrete Masonry Unit	65%			LIFE	* *	5	$57,200	
Folding Partition	1%	Now	$6,100	2047	* *	5	$2,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Gymnasium Partition Rubber Strip Detached								
Gypsum Board	10%	0-2	$6,200	LIFE	* *	5	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 4th Floor								
Metal Panel	5%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	4+	$80,100	2036	* *	5	$24,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Corridor								
AcousTileSusp.Lay-In	10%	4+	$8,300	2044	* *	5	$12,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 3rd Floor								
Exposed Struc: Concrete	30%	4+	$223,700	LIFE	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement, 1st Floor And 3rd Floor								
Exposed Struc: Steel	4%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$93,300	
Metal Panel	2%	4+	$3,300	LIFE	* *	5	$6,200	
Bent/Warped Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	4%			LIFE	* *	5	$6,200	
Site Enclosure								
Fence/Gates								
Chain Link	75%	4+	$25,900	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Teachers Parking And Ball Field								
Iron Picket	25%	4+	$3,800	2066	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Morris Avenue And Rider Avenue								
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	85%	2-4	$7,400	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Walkway To Ballfield And Rider Avenue Loading Dock								
Masonry: Brick	15%	Now	$4,500	2051	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Front Entry								
Activity Yard								
Cast in Place Concrete	10%	Now	$1,000	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basketball And Handball Court								
Rubber Matting	5%	0-2	$1,600	2031	$7,800			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Baseball Field								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Baseball Field								
Explanation : Material Is Actually Astroturf								
Rubber Matting	85%			2031	$133,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$46,300	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2051	* *	5	$100	
Fused Disc Sw	90%			2031	$263,300	5	$600	
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	60%			2030	$203,600	5	$2,600	
Molded Case Bkrs	30%			2047	* *	5	$1,300	
Wiring								
Thermoplastic	70%			2031	$279,700	1		
Thermoplastic	30%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	95%			2029	$172,400	5	$1,000	
Locally Mounted	5%	Now	$5,400	2051	* *	5		
Arc/Scorch/Burn Mrks, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room Penthouse								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$26,800	1	$49,800	
Generators								
Natural Gas	100%			2027	$138,700	1	$62,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Penthouse								
Explanation : One 144 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$6,000	
Lighting								
Interior Lighting								
Fluorescent	86%			2039	* *	10	$127,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2039	* *	10	$14,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 1st And 2nd Floor								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Service	30%			2039	* *	1		
Emergency, Battery	20%			2026	$54,400	10	$7,800	
Exit, Service	10%			2039	* *	1		
Exit, Service	40%			2026	$27,900	1		
Exterior Lighting								
HID	5%			2039	* *	10		
HID	15%			2026	$113,400	10	$100	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
J. H. S. 203 - BX FORMER (I.S. 183 - BX)
Asset # : 368

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2039	* *	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Surveillance Camera CCTV								
Generic	10%			2026	$30,400	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2039	* *	1-3	$20,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mechanical Room And Basement								
Explanation : Strobes, Bell, Horn, Smoke And Heat Detector, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$50,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$160,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$227,800	2041	* *	4	$8,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various. Leaking Around Steam Traps And Leaking Condensate Piping								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Malfunctioning Vacuum Pump Motor								
Terminal Devices								
Air Handler	20%	Now	$12,200	2031	$609,700	1	$18,000	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Convector/Radiator	80%			2036	* *	1	$41,900	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2041	* *	1	$15,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Split Unit	5%			2036	* *			
Window/Wall Unit	65%	0-2	$8,000	2026	$398,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various								
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2041	* *	4	$2,400	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2036	* *	1	$10,000	
Air Handler/Cool/Ht	10%			2039	* *	1	$10,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2039	* *	2	$22,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Dry Cooler	20%			2031	$133,800	2	$22,600	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,300	
Exhaust Fans								
Interior	20%			2031	$143,700	2	$1,000	
Roof	80%	Now	$12,600	2026	$251,500	2	$3,200	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2029	$88,300	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$24,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$32,400	4	$3,400	
Sewage Ejector(s)								
Electric	100%			2031	$84,800	4	$6,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 4th Floor							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$81,700	
Sprinkler								
No Component	70%							
Generic	30%			2041	* *	1-2	$13,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 204 - Q**
Address : **36-41 28 STREET BTWN: 36 AVE., 37 AVE.**
Borough : **QUEENS** | **Agency's Number** : **Q204**
Program / Asset # : **BOE0845.000 / 1503** | **Yr Built/Renovated** : **1957 / 2010**
Area Sq Ft : **153,000** | **Project Type** : **EDUCATION**
Date of Survey : **23-Jan-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **343** **Lot** : **1** | **BIN** : **4004156**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$670,300	$373,700
Interior Architecture	$374,900	$3,279,000
Electrical	$755,900	$1,067,200
Mechanical	$1,219,100	$7,032,400
Total	**$3,020,200**	**$11,752,300**
Importance Code A	$670,300	$1,743,200
Importance Code B	$2,295,900	$10,009,100
Importance Code C	$54,000	
Total	**$3,020,200**	**$11,752,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,400	$21,500		
Interior Architecture	$50,800	$43,200	$5,900	$21,400
Electrical	$3,600	$5,300	$3,600	$4,300
Mechanical	$31,500	$39,800	$38,900	$21,900
Site Pavements	$6,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$101,400**	**$113,700**	**$52,400**	**$51,400**
Importance Code A	$20,600	$36,900	$15,300	$15,200
Importance Code B	$53,200	$76,800	$37,100	$36,300
Importance Code C	$27,600			
Total	**$101,400**	**$113,700**	**$52,400**	**$51,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$66,800	
Metal/Glass Curt Wall	50%			LIFE	* *	5	$125,200	
Windows								
Aluminum	97%	Now	$670,300	2046	* *	5	$14,100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Steel	3%			2029	$65,400	5	$10,900	
Parapets								
Masonry: Brick	47%			LIFE	* *	5	$8,700	
Masonry: Limestone	3%			LIFE	* *	5	$700	
Metal/Glass Curt Wall	30%			2050	* *	5	$21,500	
Metal Panel	5%			2050	* *	5	$3,600	
Metal Rail	15%			2043	* *	5-10	$50,100	
Roof								
Built-Up (BUR)	97%			2038	* *	10	$116,300	
Copper/Terne	3%			2065	* *	10	$9,000	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$17,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,000	
Ceramic Tile	3%			2043	* *	5	$7,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Toilet Rooms								
Mosaic Tile	5%	Now	$111,400	2035	* *	5	$14,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Patching Evident, Extent : Moderate, Area Affected : 2%								
Location : Toilet Rooms								
Terrazzo	2%			LIFE	* *	5	$3,700	
Vinyl Tile	20%			2035	* *	3	$17,800	
Vinyl Tile	50%			2030	$3,279,000	3	$59,300	
Vinyl Tile 9" X 9"	10%	Now	$209,500	2040	* *	3	$8,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Rooms 327, 227, 209								
Wood	5%			2045	* *	5	$22,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$6,100	2039	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,400	
Folding Partition	3%	Now	$15,400	2046	* *	5	$6,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Marble Panels	2%			LIFE	* *			
Plaster	60%	Now	$54,000	LIFE	* *	5	$33,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : B17, B19, B21								
SGFT/Glazed Masonry	22%			LIFE	* *			
Ceilings								
AcousTile,Adhered	7%			2035	* *	5	$16,600	
AcousTile,Adhered	3%			2047	* *	5	$7,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
AcousTileSusp.Lay-In	20%			2035	* *	5	$47,500	
Exposed Struc: Concrete	58%			LIFE	* *	5	$21,500	
Metal Panel	2%			LIFE	* *	5	$5,900	
Plaster	10%	0-2	$14,400	LIFE	* *	5	$14,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2040	* *			
Iron Picket	70%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$6,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Of Building And East Side Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$36,000	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches. No Available Nameplate Rating Capacity								
Fused Disc Sw	30%			2056	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Fused Disconnect Switch Rated At 400 Amperes Serving The Solar Panels								
Transformers								
Dry Type	100%			2047	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 150 Kilovolt-ampere, 208/480 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2050	* *	5	$200	
Molded Case Bkrs	70%			2030	$204,800	5	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	95%			2030	$274,400	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	95%			2029	$284,400	5	$3,800	
Wiring								
Braided Cloth	90%	2-4	$359,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	97%			2035	* *	10	$136,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$2,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Stair Case Landing								
LED	1%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$18,500	
Exit, LED	50%			2065	* *	1		
Exterior Lighting								
HID	25%			2025	$178,500	10	$100	
LED	5%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$86,200	1	$17,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Cafeteria								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$78,900	2040	* *	1-3	$17,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank. Recent Repairs Around Fuel Pumps								
Conversion Equipment								
Steam Boiler	100%			2028	$1,333,600	1	$151,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Three Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2030	$4,302,300	4	$7,500	
Terminal Devices								
Air Handler	20%			2025	$575,800	1	$18,900	
Convector/Radiator	80%			2028	$1,000,900	1	$39,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	50%	0-2	$173,900	2030	$289,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Window/Wall Unit	10%			2025	$58,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,300	
Exhaust Fans								
Interior	30%	0-2	$10,200	2025	$203,600	2	$1,100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Lunch Area								
Explanation : There Is No Exhaust Fan For Two Restrooms In Lunch Area								
Roof	70%			2025	$207,800	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallon Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$30,600	4	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$105,800	1-2	$2,100	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 216 - Q**
Address : **64-20 175 STREET BTWN: 64 AVE., 65 AVE.**
Borough : **QUEENS**
Agency's Number : **Q216**
Program / Asset # : **BOE0854.000 / 1482**
Yr Built/Renovated : **1954 /**
Area Sq Ft : **126,000**
Project Type : **EDUCATION**
Date of Survey : **14-Sep-2018**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **6903** **Lot** : **1** **BIN** : **4149078**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$973,800	$153,200
Interior Architecture	$194,800	$3,319,600
Electrical	$878,900	$2,718,800
Mechanical	$913,000	$2,448,300
Total	**$2,960,500**	**$8,639,900**
Importance Code A	$973,800	$153,200
Importance Code B	$1,897,900	$8,486,700
Importance Code C	$88,800	
Total	**$2,960,500**	**$8,639,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,700	$8,800		
Interior Architecture	$84,100			$15,700
Electrical	$17,800	$3,300	$2,800	$3,300
Mechanical	$22,000	$37,100	$26,700	$11,100
Site Enclosure	$6,900			
Site Pavements	$8,600			
Total	**$178,100**	**$49,200**	**$29,600**	**$30,200**
Importance Code A	$38,700	$9,100		
Importance Code B	$119,000	$40,100	$29,600	$30,200
Importance Code C	$20,400			
Total	**$178,100**	**$49,200**	**$29,600**	**$30,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%	2-4	$21,000	LIFE	* *	5	$24,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Wall Facing Auditorium Roof								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Wall Facing Auditorium Roof								
Masonry: Brick	89%			LIFE	* *	5	$153,200	
Masonry: Granite	5%			LIFE	* *	5	$6,500	
Masonry: Limestone	3%	0-2	$122,000	LIFE	* *	5	$3,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Front Entrance								
Windows								
Aluminum	95%	2-4	$218,700	2046	* *	5	$22,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glass Block	5%	Now	$13,100	LIFE	* *	5	$1,500	
Glazing Broken/Cracked, Extent : Severe, Area Affected : 10%								
Location : Gymnasium, Stairs 3								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$21,300	
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Roof								
Copper/Terne	5%			2045	* *	10	$8,800	
IRMA/Protected Membrane	95%	Now	$633,100	2040	* *			
Insul Miss/Displaced, Extent : Severe, Area Affected : 10%								
Location : Main Roof								
Patching Evident, Extent : Severe, Area Affected : 5%								
Location : Main Roof								
Vegetation Growth, Extent : Severe, Area Affected : 20%								
Location : Auditorium Roof								
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : Main Roof								
Soffits								
Masonry: Limestone	100%	4+	$4,600	LIFE	* *	5	$500	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Soffit Area								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Edge Of Exterior Soffit Area								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$33,000	LIFE	* *	5	$42,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	5%	0-2	$54,600	2039	* *	5	$4,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Kitchen, 3rd Floor Boys Toilet, Basement Boys And Girls Bathroom								
Terrazzo	5%			LIFE	* *	5	$7,600	
Vinyl Tile	62%			2030	$3,319,600	3	$60,100	
Vinyl Tile 9" X 9"	3%	Now	$51,300	2040	* *	3	$2,200	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Principals Office								
Wood	15%			2058	* *	5	$54,500	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$9,900	
Concrete Masonry Unit	2%			LIFE	* *	5	$1,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	63%			LIFE	* *	5	$37,400	
SGFT/Glazed Masonry	25%	4+	$88,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Service Entrance, Cafeteria								
Ceilings								
AcousTile,Adhered	25%	4+	$31,200	2035	* *	5	$24,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Exposed Struc: Concrete	55%			LIFE	* *	5	$16,700	
Plaster	20%			LIFE	* *	5	$24,200	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%	4+	$6,900	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Perimeter Of Building								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	90%	4+	$8,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout All Walkways								
Masonry: Granite	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	85%			2039	* *			
Pavers/Stone	5%			2039	* *			
Rubber Matting	5%			2035	* *			
No Component	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$260,100	2060	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$15,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	85%			2029	$254,500	5	$2,800	
Molded Case Bkrs	10%			2038	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$307,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	85%			2028	$154,200	5	$700	
Locally Mounted	15%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2030	$1,803,100	10	$110,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2025	$69,800	2	$100	
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$105,800	10	$15,200	
Exit, Service	50%			2030	$27,200	1		
Exterior Lighting								
HID	30%			2025	$176,400	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$71,000	1	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$65,000	2040	* *	1-3	$14,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$39,000	
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside The School.								
Explanation : The Boiler Room Is Under Construction. One Temporary Steam Boiler Is Being Used.								
Distribution								
Steam Piping/Pump	100%			2030	$1,009,000			
Terminal Devices								
Air Handler	25%			2025	$592,800	1	$19,500	
Convector/Radiator	70%			2028	$721,200	1	$28,500	
Fan Coil Unit/Heat	5%			2030	$156,200	1	$2,000	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Explanation : 3 Units. Refrigerant R-410a								
Window/Wall Unit	50%			2025	$238,700	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$4,100	
No Component	90%							
Heat Rejection								
Dry Cooler	10%			2038	* *	2	$8,800	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,300	
Exhaust Fans								
Under Construction	100%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$321,700	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : One Temporary Electric Water Heater Is Being Used.								
HW Heat Exchanger								
Under Construction	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$8,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Rooms 301, 303, 313, 332.								
Sump Pump(s)								
Non-Submersible	100%			2030	$25,200	4	$2,700	
Sewage Ejector(s)								
Electric	100%			2030	$66,000	4	$5,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$174,200	1-2	$3,500	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2025	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 217 - Q**				
Address	: **85-05 144 STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q217**
Program / Asset #	: **BOE0855.000 / 1483**			**Yr Built/Renovated**	: **1956 / 2000**
Area Sq Ft	: **138,527**			**Project Type**	: **EDUCATION**
Date of Survey	: **22-Nov-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2,3**				
Block	: **9724**	**Lot**	: **173**	**BIN**	: **4208124**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$210,300	$2,901,100
Interior Architecture	$426,500	$51,800
Electrical	$1,117,700	$535,300
Mechanical		$3,431,800
Site Pavements	$61,300	
Total	**$1,815,800**	**$6,920,100**
Importance Code A	$210,300	$2,952,500
Importance Code B	$1,444,000	$3,967,600
Importance Code C	$161,500	
Total	**$1,815,800**	**$6,920,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,200	$3,400		$23,100
Interior Architecture	$110,000	$27,300		$21,400
Electrical	$59,200	$4,700	$5,300	$50,900
Mechanical	$83,000	$21,000	$34,500	$47,900
Site Pavements	$46,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$359,200**	**$60,400**	**$43,800**	**$147,300**
Importance Code A	$69,900	$17,200	$13,700	$37,200
Importance Code B	$208,000	$37,700	$30,100	$102,300
Importance Code C	$81,200	$5,600		$7,800
Total	**$359,200**	**$60,400**	**$43,800**	**$147,300**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%	0-2	$154,100	LIFE	* *	5	$88,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Below Metal Panel Inserts Beneath Windows								
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Base Of Building In Rear Yard								
Metal Panel	12%	0-2	$17,600	2052	* *	5	$24,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : At Panel Inserts Below Windows. Street And Rear Yards And At Auditorium								
Granite Panels	3%			LIFE	* *	5	$2,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$18,000	
Windows								
Aluminum	99%			2048	* *	5	$47,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First And Second Floor Windows								
Explanation : Protective Metal Grilles								
Metal Louvers	1%			2041	* *	10	$3,000	
Parapets								
Masonry: Brick	65%	Now	$25,800	LIFE	* *	5	$10,200	
Miss/Damaged Flashings, Extent : Light, Area Affected : 2%								
Location : Main Roof								
Metal Panel	23%			2042	* *	5	$14,000	
Metal Rail	2%			2045	* *	5-10	$5,700	
Pre-Cast Concrete	10%	0-2	$12,800	LIFE	* *	5	$9,900	
Caulking Deteriorated, Extent : Light, Area Affected : 20%								
Location : Joints At Coping Stones								
Vegetation Growth, Extent : Severe, Area Affected : 40%								
Location : Coping Stones Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Coping Stones Throughout Parapet Walls								
Roof								
Copper/Terne	5%			2047	* *	10	$16,200	
IRMA/Protected Membrane	92%	0-2	$56,300	2032	$2,812,700			
Drains Inad/Misposn, Extent : Severe, Area Affected : 5%								
Location : Elevator Roof								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 5%								
Location : Upper And Lower Roof								
Roll Roofing	2%			2028	$16,800	5	$4,300	
Skylight, Metal/Glass	1%			2042	* *	10	$4,300	
Interior								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	6%			LIFE	* *	5	$27,200	
Cast in Place Concrete	1%			LIFE	* *	5	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Science Laboratory. 3rd Floor								
Explanation : Epoxy Coating								
Ceramic Tile	4%	Now	$9,400	2035	* *	5	$4,100	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Bathrooms 1 Through 3								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Student Bathrooms 1 Through 3 And Kitchen								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Student Bathrooms 1 Through 3 And Kitchen								
Terrazzo	5%	0-2	$19,400	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	64%			2037	* *	3	$49,800	
Vinyl Tile 9" X 9"	15%	Now	$274,500	2042	* *	3	$11,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Classrooms And Stairs								
Wood	5%			2047	* *	5	$19,400	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$11,100	
Concrete Masonry Unit	10%	0-2	$41,900	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room And Sprinkler Room Walls								
Operable Wall	2%			2042	* *	5	$15,600	
Marble Panels	5%	Now	$39,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Corridor In Front Of Auditorium								
Plaster	53%			LIFE	* *	5	$35,400	
SGFT/Glazed Masonry	25%	Now	$100,200	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Basement Corridor And Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Vertical Crack Gymnasium								
Ceilings								
AcousTileConcealSpLn	40%			2045	* *	5	$103,700	
AcousTileSusp.Lay-In	5%			2045	* *	5	$10,400	
Exposed Struc: Concrete	45%			LIFE	* *	5	$14,600	
Plaster	10%			LIFE	* *	5	$13,000	
Site Enclosure								
Fence/Gates								
Aluminum Picket	100%			2052	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$46,900	2037	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : At Planters. Main Entrance								
Tripping Hazard, Extent : Moderate, Area Affected : 15%								
Location : 85th Avenue Side And Entrance To Building								
On-Site Walkways								
Asphalt	70%			2035	* *			
Cast in Place Concrete	30%	Now	$61,300	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 35%								
Location : Front Entrance And Ramp								
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1200 Amperes Each.								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$292,600	2062	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2032	$274,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$300	
Fused Knife Sw	5%	2-4	$15,000	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	10%	2-4	$29,900	2057	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Auditorium, Gymnasium And Cafeteria								
Molded Case Bkrs	70%			2031	$209,600	5	$2,600	
Molded Case Bkrs	5%			2048	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$359,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2045	* *	5	$100	
Locally Mounted	90%	2-4	$98,000	2052	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,000	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$119,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Compact Fluorescent Lights								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$116,300	10	$16,700	
Exit, Service	50%			2027	$29,900	1		
Exterior Lighting								
HID	20%			2027	$129,300	10	$100	
HID	10%			2037	* *	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$15,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$25,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2062	* *	1		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Entire Boiler Room, Basement								
Conversion Equipment								
Steam Boiler	100%			2052	* *	1	$137,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	80%			2032	$887,400			
Steam Piping/Pump	20%			2062	* *			
Terminal Devices								
Air Handler	30%	0-2	$15,600	2032	$782,100	1	$23,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Of Cafeteria Unit. Fan Room.								
Convector/Radiator	70%	0-2	$15,900	2037	* *	1	$28,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2030	$314,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,200	
Exhaust Fans								
Interior	90%			2032	$552,900	2	$3,800	
Roof	10%			2027	$26,900	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$353,700	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	10%	0-2	$34,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Underneath Of Basement Hallway At 144 Street Side.								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2042	* *	4	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2032	$61,900	1	$8,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Basement To 3rd Floor							
	Explanation : One Unit							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2032	$478,900	1-2	$9,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 217 - Q MINISCHOOL**		
Address	: **85-05 144TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q994**
Program / Asset #	: **BOE0855.010 / 13409**	**Yr Built/Renovated**	: **2000 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **9724** **Lot** : **173**	**BIN**	: **4208124**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$671,000	
Interior Architecture		$417,600
Electrical		$164,000
Mechanical		$451,900
Total	**$671,000**	**$1,033,500**
Importance Code A	$671,000	
Importance Code B		$1,033,500
Total	**$671,000**	**$1,033,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,500			$30,800
Interior Architecture	$5,100	$400	$1,900	
Electrical	$300	$500	$300	$500
Mechanical	$1,200	$400	$2,100	$400
Site Pavements	$4,000			
Total	**$44,200**	**$1,300**	**$4,300**	**$31,600**
Importance Code A	$34,200		$700	$30,800
Importance Code B	$6,000	$1,300	$3,600	$800
Importance Code C	$4,000			
Total	**$44,200**	**$1,300**	**$4,300**	**$31,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q MINISCHOOL

Asset # : 13409

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$9,100	
Metal Panel	90%	0-2	$21,600	2042	* *	5	$30,600	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : At Base And Corners Of Facades								
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : All Facades								
Windows								
Aluminum	100%	4+	$1,800	2040	* *	5	$900	
Vandalism, Extent : Moderate, Area Affected : 20%								
Location : Room T14								
Roof								
Single Ply Membrane	15%	Now	$10,100	2027	$100,600			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%								
Location : All Downspouts Missing								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Single Ply Membrane	85%			2027	$570,300	10	$27,800	
Soffits								
Metal Panel	100%			2042	* *	5-10	$10,900	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$800	
Vinyl Tile	95%			2032	$417,600	3	$5,700	
Interior Walls								
Fiberglass Panel	100%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$5,100	2037	* *	5	$7,700	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Corridor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2042	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mini School Entire								
Explanation : Building Place On City Parks Property								
Site Pavements								
On-Site Walkways								
Asphalt	90%	2-4	$4,000	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Around Mini School								
Cast in Place Concrete	10%			2045	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q MINISCHOOL

Asset # : 13409

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2042	* *	5		
Molded Case Bkrs	50%			2042	* *	5	$100	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5		
Molded Case Bkrs	95%			2040	* *	5	$300	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$164,000	10	$10,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2032	$9,200	10	$1,300	
Exit, LED	50%			2047	* *	1		
Exterior Lighting								
HID	30%			2032	$15,400	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q MINISCHOOL

Asset # : 13409

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	100%			2030		2	$3,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 11 Units. Classrooms.								
Terminal Devices								
Fan Coil Unit/Heat	100%			2032	$272,700	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2030	$179,200	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Exhaust Fans								
Interior	90%			2032	$43,900	2	$300	
Roof	10%			2032	$2,100	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **J. H. S. 237 - Q**
Address : **46-21 COLDEN STREET @GERANEUM AVE.**
Borough : **QUEENS**
Agency's Number : **Q237**
Program / Asset # : **BOE0865.000 / 1488**
Yr Built/Renovated : **1970 / 2004**
Area Sq Ft : **154,000**
Project Type : **EDUCATION**
Date of Survey : **21-Oct-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **5147** **Lot** : **1**
BIN : **4116436**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$58,000	$198,500
Interior Architecture	$24,428,500	$103,600
Electrical	$428,100	$1,463,500
Mechanical	$466,700	$3,516,900
Total	**$25,381,300**	**$5,282,500**
Importance Code A	$58,000	$1,524,500
Importance Code B	$25,178,200	$3,707,900
Importance Code C	$145,100	$50,000
Total	**$25,381,300**	**$5,282,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,000	$9,600		$1,200
Interior Architecture	$156,900	$17,600		$16,800
Electrical	$10,600	$13,700	$12,100	$56,200
Mechanical	$58,000	$24,300	$50,900	$49,600
Site Enclosure	$10,800			
Site Pavements	$45,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$308,800**	**$69,100**	**$67,000**	**$127,800**
Importance Code A	$44,700	$25,800	$16,200	$17,700
Importance Code B	$181,200	$43,300	$50,800	$110,100
Importance Code C	$82,900			
Total	**$308,800**	**$69,100**	**$67,000**	**$127,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$12,700	
Masonry: Brick	90%			LIFE	* *	5	$76,100	
Slate Panels	7%	Now	$23,000	LIFE	* *	5	$4,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Exit 9								
Windows								
Aluminum	98%			2048	* *	5	$20,600	
Metal Louvers	2%			2041	* *	10	$2,600	
Parapets								
Cast in Place Concrete	95%			LIFE	* *	5	$122,400	
Metal Panel	5%			2052	* *	5	$2,400	
Roof								
Built-Up (BUR)	95%	Now	$58,000	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Roof								
Metal Panel	5%			2045	* *	10	$9,600	
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$53,500	
Mosaic Tile	5%	2-4	$57,400	2045	* *	5	$15,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Old Bathrooms								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Slate	5%			LIFE	* *	5	$13,000	
Vinyl Tile	20%			2040	* *	3	$18,400	
Vinyl Tile 9" X 9"	55%	0-2	$475,000	2027	$23,750,900	3	$50,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	5%			2060	* *	5	$22,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$46,800	2035	* *	5	$8,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets								
Concrete Masonry Unit	10%	Now	$64,000	LIFE	* *	5	$13,600	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Stair A								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Stair A								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair A								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Stair A								
Folding Partition	1%			2048	* *	5	$8,500	
Metal Panel	10%			LIFE	* *			
Plaster	49%	2-4	$81,200	LIFE	* *	5	$50,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	2-4	$48,200	2045	* *	5	$37,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	55%			LIFE	* *	5	$20,600	
Exposed Struc: Steel	4%	Now	$46,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Exposed Struc: Steel	1%			LIFE	* *			
Metal Panel	2%	Now	$15,900	LIFE	* *	5	$6,000	
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	13%			LIFE	* *	5	$19,500	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2052	* *			
Iron Picket	80%	0-2	$7,400	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : 137th Place								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	4+	$3,400	2082	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 137th Place								
On-Site Walkways								
Cast in Place Concrete	50%			2037	* *			
Masonry: Granite	50%	0-2	$28,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Entry Stairs								
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	85%			2032	$43,700	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Fused Disc Sw	15%			2058	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 800 Amperes Serving The Solar Panel								
Transformers								
Dry Type	100%			2049	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 225 Kilovolt Amperes, 480 Volts Primary, 277/ 208 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$292,600	5	$700	
Raceway								
Conduit	90%			2032	$259,900	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	2%			2048	* *	5	$100	
Fused Disc Sw	8%			2031	$24,000	5	$300	
Molded Case Bkrs	80%			2031	$239,500	5	$3,200	
Molded Case Bkrs	10%			2048	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	90%			2032	$359,600	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$142,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2037	* *	10	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lights								
HID	2%			2032	$38,700	10	$100	
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	25%			2027	$68,600	10	$9,900	
Emergency, Battery	25%			2040	* *	10	$9,900	
Exit, Service	50%			2027	$35,200	1		
Exterior Lighting								
HID	30%			2027	$215,600	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$86,700	1	$17,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2040	* *	1-3	$94,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$50,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 15,000 Gallons Each								
Conversion Equipment								
Steam Boiler	90%			2030	$1,282,400	1	$145,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Steam Boiler	10%	0-2	$7,100	2037	* *	1	$14,600	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : No.2 Burner, Boiler Room								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	3%	Now	$4,600	2032	$92,300	1	$2,700	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control System								
Air Handler	17%			2032	$523,000	1	$17,200	
Convector/Radiator	80%			2037	* *	1	$42,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	5%			2030	$129,300	2	$500	
Split Unit	20%			2040	* *			
Window/Wall Unit	60%			2027	$371,600	1		
No Component	15%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2040	* *	1	$10,600	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2040	* *	2	$22,800	
Dry Cooler	5%			2032	$31,900	2	$5,700	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,200	
Exhaust Fans								
Interior	70%			2032	$507,500	2	$3,500	
Roof	30%	0-2	$9,500	2027	$95,200	2	$1,200	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$417,400	1		
HW Heat Exchanger								
Steam Fired	20%	Now	$3,200	2042	* *	4	$3,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Steam Fired	80%			2042	* *	4	$12,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	20%	0-2	$2,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up In Basement When It Rains								
Cast Iron	80%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$32,700	4	$5,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit.								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2032	$565,200	1-2	$11,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 303 - BK**		
Address	: **501 WEST AVENUE BTWN: SHORE PKWY S.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K303**
Program / Asset #	: **BOE0586.000 / 1273**	**Yr Built/Renovated**	: **1965 / 2010**
Area Sq Ft	: **152,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **7250** **Lot** : **25**	**BIN**	: **3196292**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$531,300	$244,800
Interior Architecture	$1,708,400	$20,964,600
Electrical	$589,100	$1,112,400
Mechanical	$1,534,500	$870,100
Total	**$4,363,100**	**$23,191,800**
Importance Code A	$531,300	$296,200
Importance Code B	$3,625,200	$22,895,700
Importance Code C	$206,700	
Total	**$4,363,100**	**$23,191,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,100	$1,800	$29,800	
Interior Architecture	$179,800			$23,700
Electrical	$32,000	$66,700	$16,300	$14,800
Mechanical	$70,400	$25,900	$31,600	$26,100
Site Enclosure	$18,100			
Site Pavements	$60,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$378,800**	**$102,300**	**$85,600**	**$72,500**
Importance Code A	$25,200	$17,200	$44,800	$15,100
Importance Code B	$305,100	$85,100	$40,700	$57,400
Importance Code C	$48,600			
Total	**$378,800**	**$102,300**	**$85,600**	**$72,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$29,200	
Masonry: Brick Cavity	92%	Now	$333,200	LIFE	* *	5	$191,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : East Side, 2nd And 3rd Floor								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : East Side, 2nd And 3rd Floor								
Granite Panels	5%			LIFE	* *	5	$7,800	
Windows								
Aluminum	100%			2046	* *	5	$59,600	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$48,600	
Masonry: Brick Cavity	25%			LIFE	* *	5	$4,700	
Metal Panel	5%			2050	* *	5	$3,600	
Metal Rail	40%	Now	$10,100	2043	* *	5	$53,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Metal: Cage/Fence	5%			2043	* *	5-10	$7,300	
Roof								
Built-Up (BUR)	40%	Now	$135,200	2035	* *			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Upper Roof At Patched Areas								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : North West Corner Of Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Lower Roof								
IRMA/Protected Membrane	55%	Now	$62,800	2035	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Over Blower Stack								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Over Lower Roof, Gymnasium And Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	5%			2043	* *	10	$8,900	
Soffits								
Cast in Place Concrete	40%			LIFE	* *	5		
Stucco Cement	60%			2043	* *	5		
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$36,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Ceramic Tile	3%	Now	$40,000	2039	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%	4+	$22,100	LIFE	* *	5	$9,200	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Vinyl Tile	30%	4+	$39,200	2035	* *	3	$26,600	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	50%	2-4	$1,044,500	2030	$20,890,600	3	$44,400	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%	Now	$35,300	2045	* *	5	$11,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$7,600	2039	* *	5	$3,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,600	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	54%	Now	$60,900	LIFE	* *	5	$37,500	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms Located Along North Elevation At All 4 Levels								
SGFT/Glazed Masonry	35%	Now	$145,800	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And 3rd Floor Corridor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$228,600	2050	* *	5	$11,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Library, 2nd Floor, 3rd Floor, 4th Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	20%	Now	$228,600	2035	* *	5	$29,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridors Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Corridors Throughout								
Exposed Struc: Concrete	5%	Now	$35,500	LIFE	* *	5	$1,800	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement Storage Room								
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	5%			2035	* *			
Metal Panel	7%			LIFE	* *	5	$20,700	
Plaster	50%			LIFE	* *	5	$74,000	
Site Enclosure								
Fence/Gates								
Chain Link	25%	Now	$7,800	2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Along Shore Parkway								
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Parking Entrance And Dumpster Area								
Iron Picket	75%	Now	$10,200	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : East Side Ramp Exit								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$37,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$22,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$700	
Raceway								
Conduit	100%			2030	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Molded Case Bkrs	30%			2046	* *	5	$1,200	
Molded Case Bkrs	60%			2029	$179,600	5	$2,400	
Wiring								
Braided Cloth	80%	2-4	$319,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$46,800	
Generators								
Natural Gas	100%			2039	* *	1	$58,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 125 Kilowatts								
Batteries								
Lead/Acid	50%			2024	$1,200	5	$2,800	
Lead/Acid	50%			2024	$1,200	5	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 60 Kilowatt Load Bank								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2040	* *	10	$118,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	5%	0-2	$10,500	2035	* *	2	$100	
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Gymnasiums								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2025	$127,600	10	$18,300	
Exit, Service	50%			2025	$32,800	1		
Exterior Lighting								
HID	20%			2025	$141,800	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$17,000	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$28,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$150,500	
Distribution								
Steam Piping/Pump	100%			2050	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : Thermostats Are Battery Operated								
Terminal Devices								
Air Handler	20%			2025	$572,100	1	$18,800	
Convector/Radiator	70%			2028	$870,100	1	$34,400	
Fan Coil Unit/Heat	10%			2025	$376,900	1	$4,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	10%			2035	* *			
Window/Wall Unit	25%			2025	$144,000	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$67,800	
No Component	20%							
Exhaust Fans								
Interior	20%			2025	$134,800	2	$900	
Roof	80%	Now	$70,800	2025	$235,900	2	$3,000	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$38,300	LIFE	* *	1		
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Grease Trap In Kitchen								
Storm Drain Piping								
Cast Iron	100%	Now	$10,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$3,200	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$6,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From 1st To 3rd Floor, One Unit From 1st To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 324 - BK**		
Address	: **800 GATES AVENUE @ STUYVESANT AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K324**
Program / Asset #	: **BOE0600.000 / 2612**	**Yr Built/Renovated**	: **1977 / 2011**
Area Sq Ft	: **171,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1636** **Lot** : **1**	**BIN**	: **3044657**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$196,400	$2,583,000
Interior Architecture	$192,700	$424,900
Electrical	$1,139,800	$1,768,300
Mechanical	$3,816,900	$3,267,300
Total	**$5,345,700**	**$8,043,500**
Importance Code A	$196,400	$2,634,300
Importance Code B	$5,149,400	$5,409,200
Total	**$5,345,700**	**$8,043,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,900		$11,800	$300
Interior Architecture	$58,800	$7,400		$44,600
Electrical	$1,500	$4,600	$60,800	$3,400
Mechanical	$82,500	$34,700	$186,000	$36,200
Site Pavements	$100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$171,700**	**$50,700**	**$262,600**	**$88,400**
Importance Code A	$41,800	$16,900	$29,100	$17,200
Importance Code B	$88,700	$33,700	$233,500	$71,200
Importance Code C	$41,200			
Total	**$171,700**	**$50,700**	**$262,600**	**$88,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$196,400	LIFE	* *	5	$119,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : East Elevation 2nd Floor Chiller Room								
Metal Panel	5%			2041	* *	5-10	$43,100	
Windows								
Aluminum	95%			2047	* *	5	$500	
Metal Louvers	5%			2040	* *	10	$200	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$4,400	LIFE	* *	5	$9,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$10,900	
Roof								
Built-Up (BUR)	75%			2031	$2,269,300	10	$194,400	
Copper/Terne	15%	Now	$20,400	2059	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair D Bulkhead And Above Fan Room								
Modified Bitumen	10%			2039	* *	10	$25,900	
Soffits								
Stucco Cement	100%			2036	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$65,000	
Ceramic Tile	5%			2040	* *	5	$14,900	
Panel/Paver: Cer/Brk	5%			2047	* *	5	$33,400	
Vinyl Tile	75%	Now	$123,100	2036	* *	3	$83,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$17,700	2059	* *	5	$13,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium								
Explanation : Deterioration Due To Water Damage From Water Fountain In The Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	12%	Now	$7,000	LIFE	* *	5	$1,500	
Efflorescence, Extent : Moderate, Area Affected : 2%								
Location : Chiller Room On Second Floor								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Chiller Room On Second Floor								
Folding Partition	1%	Now	$25,800	2056	* *	5	$400	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Glass: Single Pane	2%			LIFE	* *	5	$500	
Masonry: Brick	10%			LIFE	* *			
Plaster	55%	Now	$8,300	LIFE	* *	5	$5,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 2%								
Location : Library, Stair D								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Library, Stair D								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	75%	Now	$69,600	2036	* *	5	$135,100	
Patching Evident, Extent : Moderate, Area Affected : 2%								
Location : Throughout Corridors								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 4th Floor Corridor By Stair C								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2031	$224,800			
Gypsum Board	5%			LIFE	* *	5	$18,000	
Plaster	10%			LIFE	* *	5	$18,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	20%	Now	$100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : South Side Kitchen Entrance								
Pavers/Stone	80%			2034	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	55%			2040	* *			
Pavers/Stone	10%			2040	* *			
Rubber Matting	10%			2036	* *			
No Component	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Rear Play Yard								
Explanation : This Is Actually Artificial Grass Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch. A Photovoltaic Roof System Was Installed Five Years Ago.								
Transformers								
Dry Type	100%			2044	* *	5	$600	
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$325,100	5	$700	
Raceway								
Conduit	95%			2031	$320,300	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	10%			2047	* *	5	$500	
Molded Case Bkrs	80%			2030	$271,400	5	$3,600	
Wiring								
Thermoplastic	85%			2031	$381,900	1		
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	30%			2029	$54,400	5	$300	
Locally Mounted	60%			2029	$108,900	5	$700	
Locally Mounted	10%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2036	* *	10	$117,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	10%			2031	$254,900	10	$15,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors								
LED	15%			2026	$710,600			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium, Cafeteria								
Explanation : LED Lighting Fixtures Installed In Gymnasium, Cafeteria, Auditorium								
Egress Lighting								
Emergency, Battery	50%			2026	$143,500	10	$20,600	
Exit, Service	50%			2026	$36,900	1		
Exterior Lighting								
HID	10%			2026	$79,800	10	$100	
No Component	90%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2031	$32,100	1	$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$88,200	2041	* *	1-3	$19,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Existing Fire Alarm System Is Obsolete.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	80%			2041	* *	5	$42,400	
Solar Panels	20%			2051	* *	2	$2,100	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$169,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2026	$965,400	1	$31,700	
Convector/Radiator	65%			2029	$908,900	1	$35,900	
Unit Heater - Steam	5%	Now	$1,000	2026	$48,600	4	$800	
Broken, Extent : Severe, Area Affected : 100%								
Location : Various Mechanical Rooms								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	35%	0-2	$529,800	2041	* *	1	$25,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Second Floor Mechanical Room East								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Chiller Room Basement								
Explanation : 2 Units. Obsolete Equipment.								
Window/Wall Unit	55%			2026	$356,300	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	35%			2031	$87,100	4	$3,000	
No Component	65%							
Terminal Devices								
Air Handler/Cool/Ht	35%			2026	$1,045,200	1	$37,000	
No Component	65%							
Heat Rejection								
Dry Cooler	35%	0-2	$247,200	2041	* *	2	$33,300	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Lower Rooftop								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Lower Rooftop								
Explanation : 2 Units. Obsolete Equipment								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,400	
Exhaust Fans								
Interior	80%	Now	$30,300	2026	$606,700	2	$3,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Exhaust Fan E-5. Second Floor Fan Room West								
Roof	20%	Now	$13,300	2026	$66,400	2	$800	
Broken, Extent : Severe, Area Affected : 100%								
Location : Kitchen Hood Exhaust Fan. Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$2,183,000	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Oil Fired	100%			2029	$88,300	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 600-gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,400	2026	$34,200	4	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Pump Malfunctioning. Noisy When In Auto Mode. Operated Manually								
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$10,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$86,200	
Sprinkler								
No Component	85%							
Generic	15%			2041	* *	1-2	$7,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J. H. S. 80 - BX P. S. 280 - BX**		
Address	: **149 EAST MOSHOLU PKWY NORTH @STEUBEN AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X080**
Program / Asset #	: **BOE0221.000 / 450**	**Yr Built/Renovated**	: **1925 / 2011**
Area Sq Ft	: **110,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3336** **Lot** : **35**	**BIN**	: **2018046**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,464,900	$435,100
Interior Architecture	$1,207,000	$10,724,500
Electrical	$126,000	$991,100
Mechanical	$123,700	$964,800
Total	**$2,921,700**	**$13,115,400**
Importance Code A	$1,464,900	$460,800
Importance Code B	$972,100	$12,599,600
Importance Code C	$484,700	$55,000
Total	**$2,921,700**	**$13,115,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$53,200	$48,400		
Interior Architecture	$47,100	$31,800		$27,700
Electrical	$2,700	$3,700	$3,600	$72,200
Mechanical	$83,000	$20,400	$30,000	$96,300
Site Enclosure	$22,300			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$213,300**	**$109,200**	**$38,500**	**$201,100**
Importance Code A	$63,000	$58,200	$9,800	$10,000
Importance Code B	$109,800	$47,500	$28,700	$191,000
Importance Code C	$40,500	$3,400		
Total	**$213,300**	**$109,200**	**$38,500**	**$201,100**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast in Place Concrete	5%	Now	$24,400	LIFE	* *		5	$40,800	
Water Penetration, Extent : Severe, Area Affected : 100%									
Location : Basement Chimney Stack									
Masonry: Brick	90%	Now	$604,100	LIFE	* *		5	$146,700	
Recent Repair Evident, Extent : N/A, Area Affected : 20%									
Location : Throughout									
Water Penetration, Extent : Severe, Area Affected : 10%									
Location : North Side									
Masonry: Limestone	5%			LIFE	* *		5	$6,100	
Recent Repair Evident, Extent : N/A, Area Affected : 10%									
Location : Throughout									
Windows									
Aluminum	70%	Now	$166,300	2048	* *		5	$17,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Caulking Deteriorated, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Aluminum	25%			2048	* *		5	$12,500	
Metal Louvers	5%			2041	* *		10	$15,600	
Parapets									
Masonry: Brick	75%	2-4	$628,800	LIFE	* *		5	$16,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Masonry: Limestone	5%			LIFE	* *		5	$1,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Metal Rail	20%			2045	* *		5-10	$79,800	
Roof									
Built-Up (BUR)	80%	4+	$65,700	2037	* *				
Gravel/Slag Surface, Extent : Light, Area Affected : 50%									
Location : Gravel Not Evenly Distributed									
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%									
Location : HVAC Curb Membrane Delaminated									
Recent Repair Evident, Extent : N/A, Area Affected : 5%									
Location : Near Mechanical Roof Unit									
Single Ply Membrane	20%	4+	$28,800	2032		$288,400			
Ponding, Extent : Light, Area Affected : 10%									
Location : Throughout Low Roof									
Soffits									
Cast Stone/Terra Cotta	60%			LIFE	* *		5		
Cement - Fiber Panel	40%			2032			10		
Interior									

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DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,000	
Ponding, Extent : Severe, Area Affected : 10%								
Location : Basement Near Chimney Stack								
Ceramic Tile	5%	Now	$56,800	2035	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2045	* *	5	$15,100	
Terrazzo	5%			LIFE	* *	5	$7,900	
Vinyl Tile	45%			2040	* *	3	$34,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%	Now	$213,400	2032	$10,669,500	3	$22,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	5%			2060	* *	5	$18,900	
Interior Walls								
Cast in Place Concrete	5%	Now	$261,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	3%			2035	* *	5	$6,900	
Recent Repair Evident, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Painted Surfaces, Extent : Severe, Area Affected : 30%								
Location : Basement								
Marble Panels	2%	Now	$40,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$223,200	LIFE	* *	5	$55,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout, Stairwells								
Ceilings								
AcousTileSusp.Lay-In	20%			2037	* *	5	$40,200	
Exposed Struc: Concrete	75%	Now	$452,200	LIFE	* *	5	$23,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement Level								
Metal Panel	5%	4+	$6,700	LIFE	* *	5	$12,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%			2052	* *			
Iron Picket	20%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$22,300	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Courtyard At Van Courtlandt Avenue East								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Asphalt	100%			2035	* *			
Activity Yard								
Asphalt	90%			2041	* *			
Rubber Matting	10%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2032	$25,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2052	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$208,100	5	$400	
Molded Case Bkrs	20%			2052	* *	5	$600	
Raceway								
Conduit	80%			2032	$195,000	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	3%			2048	* *	5	$100	
Fused Disc Sw	7%			2031	$16,800	5	$200	
Molded Case Bkrs	30%			2048	* *	5	$900	
Molded Case Bkrs	60%			2031	$143,700	5	$1,700	
Wiring								
Thermoplastic	80%			2032	$273,500	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$145,200	5	$600	
Locally Mounted	20%			2045	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	68%			2037	* *	10	$68,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$2,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	30%			2040	* *			
Egress Lighting								
Emergency, Battery	20%			2037	* *	10	$5,300	
Emergency, Battery	30%			2027	$55,400	10	$8,000	
Exit, Service	20%			2037	* *	1		
Exit, Service	30%			2027	$14,200	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$41,300	1	$8,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$20,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	70%			2042	* *	5	$23,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gallons And One Tank Of 8,000 Gallons								
Natural Gas	30%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Supplies Gas Furnaces In Air Conditioning Units								
Conversion Equipment								
Furnace	20%			2037	* *	1	$10,900	
Steam Boiler	80%			2037	* *	1	$87,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	80%	Now	$123,700	2042	* *	4	$4,300	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Basement. Vacuum Pump Corroded								
Leak Evident, Extent : Severe, Area Affected : 80%								
Location : Basement. Vacuum Pump And Boiler Feed Water Pump.								
No Component	20%							
Terminal Devices								
Air Handler	8%	Now	$16,600	2032	$165,600	1	$4,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Leaking Air Handler								
Convector/Radiator	60%			2037	* *	1	$21,300	
Fan Coil Unit/Heat	12%			2032	$327,300	1	$4,300	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%	Now	$18,500	2037	* *	2	$1,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Building Information Management Control System Malfunction								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Air Contioning Units. Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Units Providing Forced Hot And Cold Air								
Window/Wall Unit	5%			2027	$20,800	1		
No Component	75%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,300	
Exhaust Fans								
Interior	80%	Now	$19,500	2032	$390,300	2	$2,200	
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Gymnasium Supply Fan, 5th Floor								
Roof	20%	Now	$900	2032	$42,700	2	$500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2052	* *	1		
Galvanized Steel	20%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$22,000	4	$3,500	
Backflow Preventer								
Generic	100%			2032	$49,100	1	$6,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1 Unit From 1st To 3rd Floor, 1 Unit From 1st To 5th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2052	* *	1-5	$11,100	
Sprinkler								
No Component	75%							
Generic	25%			2042	* *	1-2	$7,700	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J.H.S. 293 - BK**		
Address	: **284 BALTIC STREET @COURT ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K293**
Program / Asset #	: **BOE0580.000 / 1267**	**Yr Built/Renovated**	: **1968 / 2016**
Area Sq Ft	: **158,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **402** **Lot** : **1**	**BIN**	: **3006401**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$71,900	$96,500
Interior Architecture	$754,100	$13,351,200
Electrical	$535,400	$1,284,900
Mechanical	$1,607,200	$3,082,300
Site Pavements	$126,100	
Total	**$3,094,800**	**$17,815,000**
Importance Code A	$71,900	$1,609,800
Importance Code B	$2,971,900	$16,145,500
Importance Code C	$51,000	$59,700
Total	**$3,094,800**	**$17,815,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,100			$11,400
Interior Architecture	$191,800	$47,700	$9,400	
Electrical	$7,000	$7,400	$8,100	$49,700
Mechanical	$119,800	$23,600	$46,400	$50,300
Site Enclosure	$13,000			
Site Pavements	$26,800			
Total	**$380,500**	**$78,700**	**$63,900**	**$111,300**
Importance Code A	$38,700	$16,600	$16,600	$28,300
Importance Code B	$307,100	$62,100	$47,300	$83,000
Importance Code C	$34,700			
Total	**$380,500**	**$78,700**	**$63,900**	**$111,300**

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DEPARTMENT OF EDUCATION - 040

J.H.S. 293 - BK

Asset # : 1267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$96,500	
Masonry: Brick	50%			LIFE	* *	5	$38,600	
Masonry: Brick Cavity	25%			LIFE	* *	5	$19,300	
Windows								
Aluminum	100%	Now	$19,300	2048	* *	5	$10,100	
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$11,200	
Metal Panel	15%			2052	* *	5	$9,300	
Pre-Cast Concrete	15%			LIFE	* *	5	$15,100	
Roof								
Copper/Terne	2%			2047	* *	10	$6,700	
Modified Bitumen	98%	Now	$71,900	2037	* *			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Below Rooftop Unit On Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Below Rooftop Unit On Lower Roof								
Soffits								
Cast in Place Concrete	100%	Now	$2,800	LIFE	* *	5	$11,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Above Courtyard Doors								
Interior								

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DEPARTMENT OF EDUCATION - 040

J.H.S. 293 - BK

Asset # : 1267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	30%			2031	$1,331,900	3	$113,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Classrooms Throughout								
Explanation : 9x9 Tile Below Carpets								
Ceramic Tile	3%			2035	* *	5	$7,500	
Poured Epoxy/Resin	5%	Now	$14,100	2027	$703,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Science Classrooms And Student Kitchen								
Quarry Tile	2%	0-2	$7,400	2037	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : By Exit Doors								
Terrazzo	5%	2-4	$23,500	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Exit 2 And 7								
Vinyl Tile	20%			2037	* *	3	$18,800	
Vinyl Tile 9" X 9"	30%			2032	$13,291,500	3	$28,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Corridors And Classrooms								
Explanation : 9x9 Vinyl Tiles								
Wood	5%	Now	$37,400	2060	* *	5	$11,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$11,500	2035	* *	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Toilets And Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$14,000	
Plaster	6%	Now	$51,000	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 131, 305, 340								
Plaster	51%			LIFE	* *	5	$53,400	
SGFT/Glazed Masonry	30%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

J.H.S. 293 - BK

Asset # : 1267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$39,500	2037	* *	5	$30,700	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Corridors, Lunchroom And Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors, Lunchroom And Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Corridors, Lunchroom And Throughout								
AcousTileSusp.Lay-In	10%	0-2	$8,200	2045	* *	5	$12,300	
Loose/Miss Fasteners, Extent : Light, Area Affected : 5%								
Location : Classrooms								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Classrooms								
Exposed Struc: Concrete	30%			LIFE	* *	5	$11,500	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$15,400	
Metal Panel	5%	Now	$20,300	LIFE	* *	5	$15,400	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Teacher Lunch Room								
Plaster	20%	Now	$29,900	LIFE	* *	5	$30,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exit 2								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Exit 2								
Site Enclosure								
Fence/Gates								
Chain Link	80%	4+	$11,200	2052	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : By Dumpsters								
Iron Picket	20%			2076	* *			
Free Standing Walls								
Cast in Place Concrete	100%	Now	$1,800	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Play Area Seating								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$126,100	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Various								

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DEPARTMENT OF EDUCATION - 040

J.H.S. 293 - BK

Asset # : 1267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$10,200	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Playground Stair And Throughout								
Activity Yard								
Cast in Place Concrete	10%	Now	$16,600	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Pavers/Stone	10%			2035	* *			
Rubber Matting	80%			2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Play Area								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Basketball Court								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere And One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$5,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$292,600	5	$700	
Raceway								
Conduit	95%			2032	$274,400	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$21,000	5	$300	
Fused Disc Sw	3%			2048	* *	5	$100	
Molded Case Bkrs	85%			2031	$254,500	5	$3,500	
Molded Case Bkrs	5%			2040	* *	5	$200	
Wiring								
Braided Cloth	60%	Now	$239,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$79,900	1		
Thermoplastic	20%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

J.H.S. 293 - BK

Asset # : 1267

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$147,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2040	* *	10	$3,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	2%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Stairways, Gymnasium								
Egress Lighting								
Emergency, Battery	30%			2027	$84,500	10	$12,100	
Emergency, Battery	20%			2037	* *	10	$8,100	
Exit, Service	20%			2037	* *	1		
Exit, Service	30%			2027	$21,700	1		
Exterior Lighting								
LED	10%	Now	$1,700	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Electric Service Room								
Explanation : Timer Not Functional								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$89,000	2042	* *	1	$15,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	30%			2027	$122,300	1-3	$30,100	
Generic, Digital	20%			2040	* *	1-3	$19,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J.H.S. 293 - BK

Asset # : 1267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$390,000	5	$52,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2030	$1,461,900	1	$166,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement, The Boilers Are Beyond Their Useful Life Cycle Limit								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Three No.4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$26,900	2042	* *			
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Condensate Return Pump In Mechanical Fan Room								
Terminal Devices								
Air Handler	20%			2027	$631,200	1	$20,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement, The Blowers Are Beyond Their Useful Life Cycle Limit								
Convector/Radiator	70%	0-2	$192,000	2037	* *	1	$34,100	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Pneumatic System Malfunctions And Air Compressor Is Undersized								
Fan Coil Unit/Heat	10%	Now	$41,600	2032	$415,800	1	$4,900	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : No Return Air Path Causing Cold Condition In Rooms 334, 336 And B39								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%	0-2	$112,700	2027	$563,600	2	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Lower Roof								
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Lower Roof								
Explanation : Units Serves The Auditorium And Some Classrooms								
Split Unit	10%			2037	* *			
Window/Wall Unit	50%			2030	$317,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$93,500	

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DEPARTMENT OF EDUCATION - 040

J.H.S. 293 - BK

Asset # : 1267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2032	$148,800	2	$1,000	
Roof	80%	0-2	$26,000	2032	$260,300	2	$3,300	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Throughout Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$107,700	2042	* *	1		
Broken, Extent : Severe, Area Affected : 30%								
Location : Shut Off Valves Throughout The Building Resulting In Slop Sinks Being Out Of Service								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Water Fountains Shut Off Due To Leaks Behind Wall								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Basement								
Explanation : Building Has Three Water Mains, Two Are Located In The Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$16,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$33,600	4	$5,300	
Sewage Ejector(s)								
Electric	100%			2032	$87,800	4	$10,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Fan Room								
Explanation : In The Condensate Return Pit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2042	* *	1-2	$900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
No Component	90%							
Generic	10%			2030	$8,200	1-3	$8,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Kitchen And Culinary Classroom								
Explanation : Two Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **J.K. ONASSIS FOR INT. CAREERS**		
Address	: **120 W.46 STREET BTWN 6TH - 7TH AVES**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M529 M486**
Program / Asset #	: **BOE0132.000 / 4432**	**Yr Built/Renovated**	: **1893 / 1992**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5**		
Block	: **998** **Lot** : **41**	**BIN**	: **1069583**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$233,800
Interior Architecture	$156,700	$1,566,900
Electrical		$764,700
Mechanical	$163,700	$2,081,000
Total	**$320,300**	**$4,646,400**
Importance Code A		$233,800
Importance Code B	$320,300	$4,412,600
Total	**$320,300**	**$4,646,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,700	$43,700	$11,500	
Interior Architecture	$91,600	$12,800		$9,200
Electrical	$3,500	$3,600	$3,800	$3,500
Mechanical	$14,600	$9,000	$15,700	$9,900
Site Enclosure	$100			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$119,300**	**$74,100**	**$35,900**	**$27,500**
Importance Code A	$4,700	$43,900	$11,500	
Importance Code B	$84,700	$30,200	$24,400	$27,500
Importance Code C	$29,900			
Total	**$119,300**	**$74,100**	**$35,900**	**$27,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J.K. ONASSIS FOR INT. CAREERS
Asset # : 4432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2050	* *	10	$5,700	
Masonry: Brick	75%			LIFE	* *	5	$36,600	
Masonry: Brownstone	20%			LIFE	* *	5	$7,300	
Windows								
Aluminum	100%			2046	* *	5	$22,900	
Parapets								
Copper/Terne	10%			2050	* *	5	$1,900	
Masonry: Brick	30%			LIFE	* *	5	$1,200	
No Component	60%							
Roof								
Copper/Terne	60%			2045	* *	10	$42,800	
Single Ply Membrane	40%	Now	$4,700	2030	$233,800			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 30%								
Location : Interior Courtyard Roofs - Gutters Clogged								
Interior								
Floors								
Carpet	5%	0-2	$14,800	2029	$73,800	3	$6,300	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 33%								
Location : Throughout								
Cast in Place Concrete	4%	Now	$5,700	LIFE	* *	5	$7,300	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Room								
Ceramic Tile	5%			2039	* *	5	$4,200	
Quarry Tile	3%			2035	* *	5	$3,800	
Sheet Vinyl/Rubber	5%			2035	* *	5	$6,300	
Vinyl Tile	68%	Now	$156,700	2030	$1,566,900	3	$21,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria, Library, Corridors								
Uneven Substrate, Extent : Severe, Area Affected : 35%								
Location : Cafeteria, Library, Corridors								
Wood	10%			2045	* *	5	$15,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$4,600	
Gypsum Board	20%			LIFE	* *	5	$9,200	
Masonry: Brick	3%			LIFE	* *			
Masonry: Fieldstone	3%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	32%	Now	$29,900	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 305, 306, Auditorium								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J.K. ONASSIS FOR INT. CAREERS
Asset # : 4432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$5,400	2043	* *	5	$10,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%			2043	* *	5	$4,200	
Exposed Struc: Concrete	2%	0-2	$5,000	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Gypsum Board	15%			LIFE	* *	5	$15,600	
Masonry: Vault Struct	3%			LIFE	* *			
Metal Panel	20%	0-2	$11,100	LIFE	* *	5	$20,900	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Plaster	35%	Now	$17,800	LIFE	* *	5	$18,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 305, 306								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$100	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Rubber Matting	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J.K. ONASSIS FOR INT. CAREERS
Asset # : 4432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 6,00 Ampere For Fire Pump And One 600 Ampere For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$200	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$16,600	
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							
Fuel Storage								
Main Tank	100%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	93%			2030	$748,600	10	$46,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	2%			2030	$16,100	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2030	$12,800	10		
Incandescent	3%			2030	$44,900	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J.K. ONASSIS FOR INT. CAREERS
Asset # : 4432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	60%			2030	$20,000	1		
Exit, Service	40%			2030	$9,300	1		
Exterior Lighting								
Fluorescent	5%			2030	$10,800	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100% *Location : Throughout The Building*								
HID	15%			2030	$37,800	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$30,400	1	$6,100	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$41,800	1-3	$10,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%	Now	$900	2040	* *	1		
Damaged, Extent : Moderate, Area Affected : 100% *Location : Steam Room, Defective Leslie Valve*								
Conversion Equipment								
Heat Exchanger, Shell & Tube	100%			2033	$230,300			
Distribution								
Hot Wtr Piping/Pump	100%			2038	* *	4	$2,700	
Terminal Devices								
Air Handler	50%			2030	$508,100	1	$16,700	
Convector/Radiator	50%			2035	* *	1	$8,700	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2030	$159,300	1	$5,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100% *Location : Roof*								
Window/Wall Unit	80%			2025	$163,700	1		
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2040	* *	4	$4,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J.K. ONASSIS FOR INT. CAREERS
Asset # : 4432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$1,047,800	1	$33,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,100	
Exhaust Fans								
Interior	20%			2030	$47,900	2	$300	
Roof	80%			2030	$83,800	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
HW Heat Exchanger								
HTHW/HW	100%			2050	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Instantaneous Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$1,700	4	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
Generic	100%			2035	* *	1	$3,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$15,100	
Fire Pump								
Generic	100%			2033	$51,600	1	$10,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J.K. ONASSIS FOR INT. CAREERS
Asset # : 4432

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JAMAICA HIGH SCHOOL - Q**		
Address	: **167-01 GOTHIC DR. @ 168TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q470**
Program / Asset #	: **BOE0883.000 / 1475**	**Yr Built/Renovated**	: **1927 / 2013**
Area Sq Ft	: **255,150**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9858** **Lot** : **100**	**BIN**	: **4448806**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,114,700	$978,500
Interior Architecture	$3,035,800	$9,007,400
Electrical	$673,900	$3,066,900
Mechanical	$1,288,100	$9,149,800
Site Enclosure	$835,900	
Site Pavements	$6,825,000	
Total	**$14,773,400**	**$22,202,600**
Importance Code A	$2,114,700	$1,050,500
Importance Code B	$9,512,100	$21,057,500
Importance Code C	$3,146,600	$94,600
Total	**$14,773,400**	**$22,202,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$110,600			
Interior Architecture	$53,300		$29,000	$27,000
Electrical	$55,400	$23,800	$29,800	$26,300
Mechanical	$123,400	$52,000	$64,600	$62,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$350,700**	**$83,700**	**$131,300**	**$123,300**
Importance Code A	$135,900	$25,300	$25,300	$25,300
Importance Code B	$193,700	$58,400	$95,500	$98,000
Importance Code C	$21,000		$10,500	
Total	**$350,700**	**$83,700**	**$131,300**	**$123,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$209,000	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$209,000	
Copper/Terne	5%			2053	* *	10	$31,300	
Masonry: Brick	65%	Now	$1,431,700	LIFE	* *	5	$173,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Foundation Wall At Shop Hall In Basement								
Pre-Cast Concrete	20%			LIFE	* *	5	$347,800	
Windows								
Aluminum	98%			2049	* *	5	$92,700	
Steel	2%	Now	$142,200	2058	* *	5	$11,800	
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Basement Storage Room								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$68,300	
Copper/Terne	20%			2068	* *	5	$23,300	
Masonry: Brick	5%			LIFE	* *	5-10	$8,200	
Masonry: Limestone	60%			LIFE	* *	5-10	$176,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$15,100	
Roof								
Built-Up (BUR)	15%			2038	* *	10	$33,700	
Copper/Terne	75%			2061	* *	10	$421,800	
Single Ply Membrane	5%			2038	* *	10	$11,200	
Skylight, Metal/Glass	5%			2053	* *	10	$37,500	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : Caulking Missing								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$370,700	
Ceramic Tile	10%			2042	* *	5	$42,400	
Marble Panels	7%	0-2	$1,300,800	LIFE	* *	5	$22,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor And Entrances								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor And Entrances								
Sheet Vinyl/Rubber	5%			2041	* *	5	$31,800	
Traffic Topping	2%	Now	$404,300	2043	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Wrinkling, Extent : Severe, Area Affected : 25%								
Location : Stair Landings								
Vinyl Tile	5%			2038	* *	3	$7,900	
Vinyl Tile 9" X 9"	11%			2028	$8,224,400	3	$23,300	
Wood	40%			2048	* *	5	$317,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$52,600	
Ceramic Tile	5%			2036	* *	5	$21,000	
Masonry: Brick	10%			LIFE	* *	10	$12,600	
Marble Panels	5%			LIFE	* *	10	$8,400	
Plaster	10%	Now	$102,300	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Pool Area								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Stairs 12, 13, 14 And 15, Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Pool Area								
Plaster	65%			LIFE	* *	5-10	$232,400	
Ceilings								
Exposed Struc: Concrete	5%	Now	$317,400	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Steel Beams In Pool Filtering System Room								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Steel Beams In Pool Filtering System Room								
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$105,900	
Metal Panel	5%			LIFE	* *	5	$53,000	
Plaster	60%			LIFE	* *	5-10	$436,900	
Plaster	5%	Now	$128,800	LIFE	* *	5	$13,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair 12 And 13								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Stair 12 And 13								
Plaster	5%			LIFE	* *	5-10	$36,400	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Iron Picket	60%			2068	* *			
Free Standing Walls								
Masonry: Brick	60%			2043	* *			
Masonry: Fieldstone	40%	4+	$186,000	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Various								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Tops Of Wall								
Retaining Walls								
Cast in Place Concrete	40%			2053	* *			
Masonry: Fieldstone	60%	4+	$649,800	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Various								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	80%	Now	$1,197,600	2050	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Various								
Masonry: Granite	20%	4+	$135,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Walkways								
Parking/Driveway								
Asphalt	30%	Now	$509,300	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Parking Area In Rear								
Cast in Place Concrete	70%	Now	$812,500	2050	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Rear Of Building								
Activity Yard								
Asphalt	40%	Now	$1,238,700	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Tennis Court And Various Play Areas								
Cast in Place Concrete	60%	Now	$2,931,000	2053	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Various								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2033	$71,900	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$520,200	5	$900	
Fused Disc Sw	20%			2043	* *	5	$200	
Raceway								
Conduit	90%			2033	$606,800	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$63,900	5	$600	
Molded Case Bkrs	65%			2032	$415,100	5	$4,400	
Molded Case Bkrs	25%			2041	* *	5	$1,700	
Wiring								
Braided Cloth	75%	2-4	$673,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$179,700	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2031	$145,200	5	$700	
Variable Frequency Drive	60%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$224,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$4,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium And Lobby								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	45%			2028	$192,700	10	$27,700	
Emergency, Battery	5%			2038	* *	10	$3,100	
Exit, Service	40%			2028	$44,000	1		
Exit, Service	10%			2038	* *	1		
Exterior Lighting								
HID	10%			2028	$119,100	10	$100	
LED	20%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	50%			2033	$239,500	1	$47,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside, Outside, Hallways, Cafeteria And Offices								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$239,500	1	$47,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Auditorium, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$157,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Manual Pull Boxes, Alarm Bell, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$252,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Gasoline Fired Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	80%			2033	$5,739,800	4	$15,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : One Vacuum Pump Is Not Working								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Steam And Condensate Piping Outside The Boiler Room Is Beyond Useful Life Cycle								
Central Plant Steam Piping/Pmp	20%			2053	* *	4	$3,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Air Handler	25%	Now	$60,000	2033	$1,200,400	1	$35,500	
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Basement Fan Room, Defective Auditorium Blower								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Attic Space								
Explanation : Blowers Have Been Retrofitted With New Variable Frequency Drives								
Convector/Radiator	50%			2038	* *	1	$41,200	
Fan Coil Unit/Heat	25%			2028	$1,581,500	1	$20,600	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	50%	0-2	$24,200	2031	$483,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical And Electrical Defects								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$1,120,600	LIFE	* *	2-5	$142,300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exhaust Fans								
Interior	95%	Now	$107,500	2038	* *	2	$5,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium Exhaust Fan. Defective Shaft Bearing								
Roof	5%			2033	$24,800	2	$400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$25,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool Equipment Room								
Explanation : Heat Exchanger Serves Pool Only								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Sanitary Piping Is Beyond Its Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%	Now	$45,000	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Pool Machine Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Storm Piping Is Beyond Its Useful Life Cycle Rating								
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$8,100	
Pool Filter/Treatment								
Sand	33%	Now	$9,100	2053	* *	4	$700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Broken Pump For The Pool								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Pool Area, Basement, 1 of 3 Filters								
Sand	67%			2038	* *	4	$1,300	

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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2041	* *	1	$15,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From Basement To 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$3,600	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **JAMAICA HIGH SCHOOL - Q FIELDHOUSE**
Address : **167-01 GOTHIC DR. @168TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0883.010 / 14433**
Area Sq Ft : **9,100**
Date of Survey : **03-Mar-2022**
Areas Surveyed : **Roof, Floors 1**
Block : **9858** **Lot** : **100**
Agency's Number : **Q470**
Yr Built/Renovated : **1927 / 2000**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$237,700	$101,400
Electrical		$412,000
Mechanical	$101,500	
Total	**$339,100**	**$513,400**
Importance Code A	$101,500	
Importance Code B	$175,700	$513,400
Importance Code C	$62,000	
Total	**$339,100**	**$513,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$94,900			
Interior Architecture	$6,900			
Electrical	$200			$100
Mechanical	$29,100	$2,900	$5,600	$2,900
Total	**$131,100**	**$2,900**	**$5,600**	**$2,900**
Importance Code A	$95,000	$1,600	$1,600	$1,600
Importance Code B	$36,200	$1,300	$4,000	$1,300
Total	**$131,100**	**$2,900**	**$5,600**	**$2,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q FIELDHOUSE
Asset # : 14433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$43,700	
Masonry: Limestone	5%	Now	$9,600	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,900	
Windows								
Aluminum	100%			2049	* *	5	$12,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$57,100	
Masonry: Limestone	5%			LIFE	* *	5-10	$5,400	
Roof								
Asphalt Shingle	50%			2042	* *	10	$5,100	
Built-Up (BUR)	50%			2038	* *	10	$30,300	
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	* *	5	$202,900	
Ceramic Tile	5%	4+	$6,900	2036	* *	5	$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms And Shower Areas								
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : Toilet Rooms And Shower Areas								
Interior Walls								
SGFT/Glazed Masonry	100%			LIFE	* *	10	$62,000	
Ceilings								
Plaster	100%	4+	$74,200	LIFE	* *	5	$30,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	70%			2033	$11,300	1		
Conduit	30%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q FIELDHOUSE
Asset # : 14433

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$1,500	5		
Molded Case Bkrs	65%			2032	$19,500	5	$200	
Molded Case Bkrs	30%			2055	* *	5	$100	
Wiring								
Thermoplastic	70%			2033	$15,000	1		
Thermoplastic	30%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	70%			2033	$340,300	10	$20,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	30%			2041	* *	10	$9,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	100%	0-2	$101,500	2043	* *	1	$14,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room. Unit Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Gasoline Fired Furnace								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$28,800	
Terminal Devices								
Fan Coil Unit/Heat	100%			2038	* *	1	$10,500	
Other Observation, Extent : Light, Area Affected : 35%								
Location : Equipment Room								
Explanation : 1 Electric Air Curtain								
Ventilation								
Exhaust Fans								
Wall Unit	100%			2038	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2046	* *	1		

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q FIELDHOUSE
Asset # : 14433

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%	0-2	$17,100	2033	$17,100	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room. Unit Is Not Working								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2041	* *	1	$2,000	
Fixtures								
Generic	100%							

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JAMAICA LEARNING CENTER - Q**		
Address	: **162-02 HILLSIDE AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q595**
Program / Asset #	: **BOE0889.000 / 1455**	**Yr Built/Renovated**	: **1896 / 2007**
Area Sq Ft	: **46,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9768** **Lot** : **22**	**BIN**	: **4209031**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$137,600	$189,800
Interior Architecture	$527,200	
Electrical	$221,600	$710,000
Mechanical	$139,400	$1,335,300
Total	**$1,025,800**	**$2,235,200**
Importance Code A	$137,600	$189,800
Importance Code B	$836,900	$2,045,300
Importance Code C	$51,300	
Total	**$1,025,800**	**$2,235,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$69,000		$32,500	$11,400
Interior Architecture	$43,000		$3,400	$4,100
Electrical	$1,700	$1,800	$78,900	$1,500
Mechanical	$6,100	$6,100	$15,700	$6,100
Site Enclosure	$27,100			
Site Pavements	$37,100	$100	$100	$2,100
Total	**$184,100**	**$7,900**	**$130,700**	**$25,200**
Importance Code A	$73,500	$4,600	$37,200	$16,000
Importance Code B	$45,200	$3,300	$93,400	$7,200
Importance Code C	$65,300	$100	$100	$2,100
Total	**$184,100**	**$7,900**	**$130,700**	**$25,200**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	2-4	$137,600	LIFE	* *	5	$83,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Exterior Caged Stair								
Masonry: Brownstone	5%			LIFE	* *	5	$3,500	
Metal: Cage/Fence	4%	2-4	$36,700	2044	* *	5	$8,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Exterior Stair Cage								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Exterior Stair Cage								
Metal: Cage/Fence	1%			2044	* *	5	$4,100	
Windows								
Aluminum	100%			2047	* *	5	$22,800	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$8,100	
Metal Cornice	35%			2046	* *	10	$18,300	
Wood Cornice	15%			2041	* *	5-10	$32,200	
Roof								
Asphalt Shingle	80%	Now	$10,500	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Modified Bitumen	20%	Now	$2,100	2031	$106,300			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Hatch Penetration								
Soffits								
Wood	100%	Now	$17,600	2036	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Soffit Of Entries Along 163rd Street								
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Soffit Of Entries Along 163rd Street								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Soffit Of Entries Along 163rd Street								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Soffit Of Entries Along 163rd Street								
Interior								

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DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$3,700	
Vinyl Tile	10%			2036	* *	3	$3,700	
Vinyl Tile	35%	Now	$211,900	2041	* *	3	$9,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Wood	45%	0-2	$39,200	2046	* *	5	$30,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2046	* *	5	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Good Condition								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$2,200	
Glass: Single Pane	5%			LIFE	* *	5	$2,700	
Gypsum Board	5%			LIFE	* *	5	$2,200	
Masonry: Brick	9%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor Rooms								
Explanation : This Component Is Actually Embossed Metal								
Metal: Cage/Fence	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Around Stairs								
Explanation : Metal Cage And Safety Glass								
Plaster	58%	0-2	$51,300	LIFE	* *	5	$12,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$14,500	
Ceilings								
Embossed Metal	50%			LIFE	* *	5	$16,400	
Embossed Metal	20%	Now	$264,000	LIFE	* *	5	$6,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Room 203 And Various Rooms On Fourth Floor								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Room 203 And Various Rooms On Fourth Floor								
Embossed Metal	10%			LIFE	* *	5	$3,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Exposed Struc: Wood	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$6,800	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Picket	5%			2051	* *			
Chain Link	45%			2051	* *			
Iron Picket	50%	2-4	$27,100	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Masonry: Brick	100%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2036	* *			
Metal	5%			2051	* *	1-3	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Parking Lot Entry								
Explanation : Metal Grill								
Parking/Driveway								
Cast in Place Concrete	40%	2-4	$35,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rear Parking Lot								
Cast in Place Concrete	60%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$200	
Raceway								
Conduit	70%			2031	$56,700	1		
Conduit	30%			2041	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$7,000	5	$100	
Molded Case Bkrs	75%			2030	$104,800	5	$900	
Molded Case Bkrs	20%			2039	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$84,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	20%			2026	$137,100	10	$8,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
Fluorescent	76%			2031	$521,100	10	$32,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2031	$27,400	10	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Light								
Egress Lighting								
Emergency, Battery	50%			2031	$38,600	10	$5,600	
Exit, Service	50%			2031	$9,900	1		
Exterior Lighting								
HID	20%			2026	$42,900	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$25,900	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobes, Bell, Horn Smoke Detector, Pull Box Station And Fire Alarm Panel								

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DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$45,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2031	$368,400			
Terminal Devices								
Convector/Radiator	100%			2029	$376,200	1	$14,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2024	$139,400	1		
No Component	20%							
Ventilation								
Exhaust Fans								
Wall Unit	5%			2031	$1,000	2	$100	
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$590,800	1		
Water Heater With Tanks								
Gas Fired	30%	0-2	$100	2031	$5,100	2		
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Defective Unit								
Gas Fired	70%			2031	$12,000	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$9,200	4	$1,000	
Fixtures								
Generic	100%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JAMES MADISON HIGH SCHOOL - BK**		
Address	: **3787 BEDFORD AVE. BTWN: QUENTIN RD., AVE. P**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K425**
Program / Asset #	: **BOE0625.000 / 1222**	**Yr Built/Renovated**	: **1925 / 2011**
Area Sq Ft	: **255,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **6788** **Lot** : **1**	**BIN**	: **3182721**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$60,500	$2,105,100
Interior Architecture	$15,919,400	$407,900
Electrical	$178,500	$8,107,100
Mechanical	$4,969,900	$47,667,200
Site Pavements		$51,200
Total	**$21,128,300**	**$58,338,500**
Importance Code A	$60,500	$4,430,500
Importance Code B	$20,111,300	$53,846,200
Importance Code C	$956,500	$61,800
Total	**$21,128,300**	**$58,338,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$15,400	
Interior Architecture	$14,400		$7,300	$9,800
Electrical	$90,200	$109,500	$28,900	$23,800
Mechanical	$63,600	$114,100	$71,600	$37,500
Site Pavements	$1,800			
Elevators/Escalators	$19,700	$19,700	$19,700	$19,700
Total	**$189,700**	**$243,400**	**$142,900**	**$90,800**
Importance Code A	$25,300	$25,800	$40,600	$25,300
Importance Code B	$148,300	$217,600	$102,300	$65,600
Importance Code C	$16,200			
Total	**$189,700**	**$243,400**	**$142,900**	**$90,800**

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$40,800	
Masonry: Brick	90%			LIFE	* *	5	$156,500	
Masonry: Granite	2%			LIFE	* *	5	$2,600	
Masonry: Limestone	5%			LIFE	* *	5	$6,500	
Windows								
Aluminum	88%			2046	* *	5	$121,000	
Glass Block	10%			LIFE	* *	5	$8,600	
Metal Louvers	2%			2039	* *	10	$17,200	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$12,700	
Masonry: Brick	90%			LIFE	* *	5	$29,600	
Painted Surfaces, Extent : Moderate, Area Affected : 20%								
Location : Inner Face Of Parapets On Main Roof								
Pre-Cast Concrete	5%			LIFE	* *	5	$10,300	
Roof								
Built-Up (BUR)	97%			2030	$1,739,000	10	$149,000	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout Main Roof								
Skylight, Metal/Glass	3%			2056	* *	10	$15,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof Over Auditorium								
Interior								
Floors								
Cast in Place Concrete	14%	Now	$93,200	LIFE	* *	5	$119,800	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	13%	Now	$143,400	2039	* *	5	$25,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Pool Area								
Explanation : Repairs In Progress								
Panel/Paver: Cer/Brk	5%			2038	* *	5	$44,000	
Terrazzo	8%	4+	$58,500	LIFE	* *	5	$24,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Various Corridors								
Vinyl Tile	15%			2035	* *	3	$22,000	
Vinyl Tile 9" X 9"	20%	Now	$276,200	2025	$13,812,300	3	$29,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairwells								
Wood	25%	0-2	$291,700	2045	* *	5	$91,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$313,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement C-6, C-25 And Boiler Room								
Ceramic Tile	7%			2039	* *	5	$28,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,200	
Masonry: Brick	25%	Now	$392,400	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	3%			LIFE	* *			
Plaster	50%	Now	$250,700	LIFE	* *	5	$61,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Room 307 And Stair Bulkheads On Main Roof								
Ceilings								
AcousTile,Adhered	20%	4+	$50,400	2035	* *	5	$39,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	15%			2043	* *	5	$58,700	
Exposed Struc: Concrete	5%	Now	$58,600	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 3%								
Location : Boiler Room								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	30%	Now	$178,500	LIFE	* *	5	$73,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 516, 520								
Plaster	25%			LIFE	* *	5	$61,100	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2050	* *			
Iron Picket	20%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%			2035	* *			
Pavers/Stone	10%	Now	$1,800	2033	$36,000			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Entry Stairs On West Elevation								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Entry Stairs On West Elevation								
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	100%			2033	$51,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$102,800	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	90%			2030	$585,200	5	$6,000	
Molded Case Bkrs	10%			2050	* *	5	$700	
Raceway								
Conduit	90%			2030	$606,800	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$600	
Fused Knife Sw	5%			2029	$31,900	5	$300	
Molded Case Bkrs	15%			2038	* *	5	$1,000	
Molded Case Bkrs	70%			2029	$447,100	5	$4,700	
Wiring								
Braided Cloth	70%			2029	$628,900	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$181,400	5	$900	
Locally Mounted	50%	Now	$3,600	2035	* *	5	$400	
Not Functioning, Extent : Light, Area Affected : 2%								
Location : Penthouse House Exhaust 1a And Gymnasium Exhaust								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Lighting								

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$3,725,200	10	$229,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Egress Lighting								
Emergency, Service	10%			2030	$15,700	1		
Emergency, Battery	40%	Now	$17,100	2030	$171,200			
Not Functioning, Extent : Light, Area Affected : 10%								
Location : Throughout The Building								
Exit, Service	40%			2025	$44,000	1		
Exit, Battery	10%			2025	$36,100	10	$1,700	
Exterior Lighting								
HID	50%			2030	$594,900	10	$400	
HID	50%	Now	$178,500	2030	$594,900			
Damaged Fixtures, Extent : Light, Area Affected : 30%								
Location : Building Perimeter								
Alarm								
Security System								
Generic	50%			2030	$239,300	1	$47,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%	Now	$47,900	2035	* *	1	$42,900	
Devices Damaged, Extent : Light, Area Affected : 10%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$157,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$593,000	5	$79,000	

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	$2,222,600	1	$252,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Oil Fired Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$102,100	2030	$2,042,000			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Defective Steam Traps, Control Valves And Thermostats								
Terminal Devices								
Air Handler	50%			2025	$2,399,300	1	$78,800	
Convector/Radiator	50%			2028	$1,042,600	1	$41,200	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	75%			2025	$724,500	1		
No Component	25%							
Dehumidifier								
Generic	100%			2031	$37,215,400			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Presently Used Pending Construction Completion								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$224,000	LIFE	* *	2-5	$142,200	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Pool Area Ductwork In Basement								
Damaged, Extent : Severe, Area Affected : 50%								
Location : Basement And Penthouse Fan Rooms - Deteriorated Flexible Ductwork Connections								
Exhaust Fans								
Interior	100%	Now	$226,200	2025	$1,131,000	2	$6,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement And Penthouse Fan Rooms - Defective Blower And Exhaust Fan Motors; Severely Deteriorated Fan Drive Systems - Bearings, Belts Etc.								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$162,800	2028	$3,255,400	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Cafeteria And Basement								
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
HW Heat Exchanger								
Steam Fired	100%			2030	$1,233,100	4	$25,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	0-2	$18,000	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Room 403								
Sump Pump(s)								
Non-Submersible	25%			2025	$12,800	4	$2,000	
Submersible	75%			2024	$5,900	4	$6,100	
Pool Filter/Treatment								
Sand	100%			2043	* *	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Under Construction.								
Fixtures								
Generic	20%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Generic	80%							
Vertical Transport								
Elevators								
Gearless Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement To 3rd Floor And Basement To Street								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$3,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JAMES MADISON HIGH SCHOOL - BK FIELDHOUSE**		
Address	: **3787 BEDFORD AVE. BTWN: QUENTIN RD., AVE. P**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K425**
Program / Asset #	: **BOE0625.010 / 4477**	**Yr Built/Renovated**	: **1925 / 2001**
Area Sq Ft	: **1,800**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **6788** **Lot** : **1**	**BIN**	: **3182721**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$96,600
Total		**$96,600**
Importance Code A		$96,600
Total		**$96,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$2,100	
Interior Architecture	$7,500	$300		
Electrical				
Mechanical	$3,300	$500	$300	$200
Total	**$10,800**	**$800**	**$2,400**	**$200**
Importance Code A	$3,200	$200	$2,300	$200
Importance Code B	$7,200	$600	$100	$100
Importance Code C	$400			
Total	**$10,800**	**$800**	**$2,400**	**$200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK FIELDHOUSE
Asset # : 4477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$10,800	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : All Elevations								
Pre-Cast Concrete	5%			LIFE	* *	5	$1,800	
Windows								
Aluminum	100%			2046	* *	5	$4,100	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$1,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	100%			2030	$96,600	10	$8,300	
Interior								
Floors								
Cast in Place Concrete	95%	4+	$7,100	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Mosaic Tile	5%			2035	* *	5	$600	
Interior Walls								
Ceramic Tile	60%	Now	$300	2033	$13,600	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	30%			LIFE	* *	5		
Plaster	10%	Now	$100	LIFE	* *	5		
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceilings								
Plaster	100%			LIFE	* *	5	$2,800	
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2030	$16,200	1		
Panelboards								
Molded Case Bkrs	100%			2038	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK FIELDHOUSE
Asset # : 4477

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%			2029	$17,200	1		
Thermoplastic	20%			2050	* *	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$1,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2040	* *	5	$600	
No. 2 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : Vault								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Ground								
Explanation : Two 275 Gallon Tanks								
Conversion Equipment								
Steam Boiler	50%	Now	$3,100	2028	$7,800	1	$800	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Boiler Feed Water Tank, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Steam Boiler								
Steam Boiler	50%			2028	$7,800	1	$900	
Distribution								
Steam Piping/Pump	100%			2030	$14,400			
Terminal Devices								
Convector/Radiator	100%			2028	$14,700	1	$600	
Plumbing								
H/C Water Piping								
Galvanized Steel	80%			2035	* *	1		
Galvanized Steel	20%			2028	$4,600	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$8,700	4	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK FIELDHOUSE
Asset # : 4477

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JAMES MONROE HIGH SCHOOL - BX**		
Address	: **1300 BOYNTON AVE. @ E. 172 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X420**
Program / Asset #	: **BOE0323.000 / 353**	**Yr Built/Renovated**	: **1925 / 2000**
Area Sq Ft	: **261,433**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **3864** **Lot** : **1**	**BIN**	: **2027459**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$857,800	$1,800,200
Interior Architecture	$2,378,500	$4,783,300
Electrical	$1,065,500	$2,251,300
Mechanical	$1,836,900	$11,488,600
Total	**$6,138,700**	**$20,323,400**
Importance Code A	$857,800	$1,903,000
Importance Code B	$5,103,000	$18,342,600
Importance Code C	$177,900	$77,900
Total	**$6,138,700**	**$20,323,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,000		$45,300	
Interior Architecture	$73,200		$8,800	$51,900
Electrical	$36,500	$24,400	$25,200	$29,700
Mechanical	$426,700	$218,300	$232,000	$412,700
Site Enclosure	$3,500			
Site Pavements	$48,400			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$611,100**	**$252,600**	**$321,300**	**$504,200**
Importance Code A	$38,900	$25,900	$71,200	$25,900
Importance Code B	$511,300	$226,700	$250,000	$468,000
Importance Code C	$60,900			$10,300
Total	**$611,100**	**$252,600**	**$321,300**	**$504,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$135,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facade								
Masonry: Brick	85%			LIFE	* *	5	$295,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facade								
Masonry: Limestone	5%			LIFE	* *	5	$13,000	
Repairs in Progress, Extent : N/A, Area Affected : 80%								
Location : Facades								
Granite Panels	5%			LIFE	* *	5	$13,000	
Repairs in Progress, Extent : N/A, Area Affected : 80%								
Location : Facades								
Windows								
Aluminum	98%	Now	$642,000	2049	* *	5	$67,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Metal Louvers	2%			2036	* *	10	$17,200	
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	65%			2033	$1,165,300	10	$99,800	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : Roof								
Copper/Terne	7%			2048	* *	10	$26,900	
Metal Panel	10%			2046	* *	10	$28,200	
Modified Bitumen	15%			2033	$251,900	10	$23,000	
Skylight, Metal/Glass	3%			2043	* *	10	$15,400	
Interior								

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DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	Now	$724,300	2053	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Cast in Place Concrete	10%			LIFE	* *	5	$171,200	
Ceramic Tile	10%			2042	* *	5	$39,100	
Mosaic Tile	5%			2038	* *	5	$48,900	
Quarry Tile	3%			2046	* *	5	$17,600	
Terrazzo	5%			LIFE	* *	5	$30,600	
Vinyl Tile	5%	Now	$54,000	2038	* *	3	$7,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout All Classrooms								
Vinyl Tile	40%			2028	$4,323,900	3	$78,300	
Wood	17%			2048	* *	5	$124,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$51,500	
Ceramic Tile	5%			2042	* *	5	$20,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$16,500	
Glass Block	2%			LIFE	* *	10	$3,300	
Masonry: Brick	15%			LIFE	* *	10	$18,500	
Marble Panels	5%			LIFE	* *	10	$8,200	
Plaster	63%	4+	$126,300	LIFE	* *	5	$77,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout And Stairwell 3 And 2								
Ceilings								
AcousTile,Adhered	25%	Now	$629,700	2038	* *	5	$48,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Cafeteria. Corridors								
Exposed Struc: Concrete	5%	Now	$293,200	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Old Coal Bunker								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Beam Under Pool								
Plaster	50%			LIFE	* *	5-10	$336,300	
Plaster	5%			LIFE	* *	5-10	$33,600	
Plaster	15%	Now	$178,500	LIFE	* *	5	$36,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Under Auditorium Balcony, 3rd Floor Gymnasium								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Under Auditorium Balcony								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3 And 2								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%	4+	$3,500	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Parking Area								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Southeast Corner Of Site								
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$29,300	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : At Corner Of Boynton Avenue And East 172nd Street								
On-Site Walkways								
Asphalt	55%	2-4	$3,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : South Side Of School								
Cast in Place Concrete	40%			2038	* *			
Pavers/Stone	5%			2036	* *			
Parking/Driveway								
Asphalt	70%	4+	$15,900	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Main Parking Lot								
Cast in Place Concrete	30%			2046	* *			
Activity Yard								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$102,800	5	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Main Service Switches Rated At 1,800, 1,400, 700 And 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$650,200	5	$1,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2033	$606,800	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2032	$95,800	5	$900	
Fused Toggle Switch	5%	2-4	$31,900	2058	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	60%	2-4	$383,200	2058	* *	5	$2,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2049	* *	5	$1,400	
Wiring								
Braided Cloth	50%	2-4	$449,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2033	$359,400	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$326,600	5	$1,600	
Locally Mounted	10%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,700	
Lighting								
Interior Lighting								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout The Building								
Explanation : LED Lighting Upgrade In Progress								
Egress Lighting								
Emergency, Service	25%			2028	$40,300	1		
Emergency, Battery	25%			2033	$109,700	10	$15,800	
Exit, Battery	50%			2038	* *	10	$8,800	
Exterior Lighting								
No Component	90%							
Not Accessible	10%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$1,600	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%	Now	$98,200	2038	* *	1	$87,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Custodians Office								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$134,900	2038	* *	1-3	$146,500	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Lobby								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$258,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$1,046,800	2043	* *			
Controller Not Working, Extent : Moderate, Area Affected : 30%								
Location : Various Location.								
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Various Location. Leaking Steam Piping In Various Locations								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	50%	0-2	$492,000	2028	$2,459,900	1	$72,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Convector/Radiator	50%			2031	$1,068,900	1	$42,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$59,400	2028	$594,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations. 20 Percent Of Units Are Not Working								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$230,800	
Exhaust Fans								
Interior	30%	Now	$173,900	2033	$347,800	2	$1,900	
Broken, Extent : Moderate, Area Affected : 40%								
Location : Roof Penthouse And Basement								
Interior	65%			2028	$753,700	2	$5,200	
Roof	5%			2028	$25,400	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2033	$2,350,400	1		
Galvanized Steel	30%			2031	$1,001,300	1		
Water Heater With Tanks								
Gas Fired	90%			2031	$15,400	2		
Gas Fired	10%	0-2	$900	2028	$1,700	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Cracked Waste Line At Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$52,300	4	$8,300	
Pool Filter/Treatment								
Sand	100%			2031	$100	4		
Sewage Ejector(s)								
Electric	100%			2033	$136,900	4	$15,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Two Units From Basement To 5th Floor, Two Units From Basement To 1st Floor								
Explanation : Service Elevators Are Not Working								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$108,500	1-2	$2,200	
Chemical System								
Generic	100%			2028	$2,550,000	1-3	$2,527,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set 625 Square Foot Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**JAMES MONROE HIGH SCHOOL - BX ANNEX**			
Address	:	**1551 EAST 172ND STREET @ BOYNTON AVE.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X423**
Program / Asset #	:	**BOE1102.000 / 14453**	**Yr Built/Renovated**	:	**2009 /**
Area Sq Ft	:	**148,367**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**29-Apr-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4**			
Block	:	**3864** **Lot** : **12**	**BIN**	:	**2830385**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$156,500	$263,000
Interior Architecture	$569,800	$167,300
Electrical		$2,429,200
Mechanical	$739,400	$3,455,400
Total	**$1,465,600**	**$6,314,900**
Importance Code A	$156,500	$724,500
Importance Code B	$947,000	$5,498,300
Importance Code C	$362,200	$92,100
Total	**$1,465,600**	**$6,314,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$98,000		$53,600	
Interior Architecture	$203,300		$26,600	$40,400
Electrical	$31,000	$24,200	$28,400	$26,600
Mechanical	$146,000	$95,800	$113,300	$53,700
Site Enclosure	$7,500			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$495,800**	**$129,900**	**$231,800**	**$130,700**
Importance Code A	$105,300	$7,300	$60,900	$7,300
Importance Code B	$344,400	$122,500	$170,800	$88,400
Importance Code C	$46,100			$34,900
Total	**$495,800**	**$129,900**	**$231,800**	**$130,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX ANNEX
Asset # : 14453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$312,900	
Pre-Cast Concrete	7%			LIFE	* *	5	$76,600	
Windows								
Aluminum	100%			2049	* *	5	$34,600	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$44,100	
Metal Rail	5%			2046	* *	5-10	$6,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,500	
Roof								
IRMA/Protected Membrane	10%			2038	* *	10	$13,300	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Roof Over First Floor								
IRMA/Protected Membrane	70%			2038	* *	10	$93,200	
Paver Block Ballast, Extent : Moderate, Area Affected : 10%								
Location : Over Fourth Floor								
Metal Panel	20%			2046	* *	10	$48,800	
Soffits								
Metal Panel	95%			2053	* *	5-10	$65,400	
Stucco Cement	5%			2046	* *	5	$1,300	
Interior								
Floors								
Carpet	2%			2032	$78,600	3	$6,700	
Cast in Place Concrete	10%			LIFE	* *	5	$97,200	
Ceramic Tile	5%			2042	* *	5	$11,100	
Quarry Tile	3%			2046	* *	5	$10,000	
Vinyl Tile	70%			2038	* *	3	$58,300	
Wood	10%	Now	$132,500	2061	* *	5	$20,800	
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Big And Small Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$34,900	
Ceramic Tile	25%			2042	* *	5	$69,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$22,300	
Folding Partition	5%	Now	$193,300	2049	* *	5	$17,400	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Gypsum Board	55%			LIFE	* *	5-10	$261,000	
Ceilings								
AcousTileSusp.Lay-In	70%			2046	* *	5	$150,300	
Exposed Struc: Steel	5%			LIFE	* *	10	$21,500	
Gypsum Board	10%			LIFE	* *	5-10	$73,800	
Metal Panel	15%			LIFE	* *	5	$80,500	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX ANNEX
Asset # : 14453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	3%			2068	* *			
Chain Link	10%			2053	* *			
Iron Picket	85%			2068	* *			
Masonry: Brick	2%			2053	* *			
Retaining Walls								
Cast in Place Concrete	50%	Now	$7,500	2068	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Top Of Entry Walkway Walls At Rail Posts								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Top Of Entry Walkway Walls At Rail Posts								
Concrete Masonry Unit	50%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Cast in Place Concrete	85%			2046	* *			
Pavers/Stone	15%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Switches Two Rated At 4,000 Amperes Each One Rated At 2,500 Amperes								
Transformers								
Dry Type	100%			2046	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Rated At 1,000 Kilovolt Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	90%			2049	* *	5	$3,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX ANNEX
Asset # : 14453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$45,700	
Generators								
Diesel	100%			2042	* *	1	$57,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Generator Enclosure								
Explanation : Rated At 500 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$5,500	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Generator Enclosure								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$1,990,500	10	$122,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	$44,200	10	$2,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Fluorescent	4%			2033	$88,500	10	$5,400	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Hallways								
HID	4%			2033	$70,300	10	$200	
Egress Lighting								
Emergency, Service	50%			2033	$45,700	1		
Exit, Battery	50%			2033	$105,100	10	$5,000	
Exterior Lighting								
LED	10%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,400	

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DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX ANNEX
Asset # : 14453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2038	* *	1	$55,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$91,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	100%			2033	$461,500	1	$73,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 12 Rooftop Units								
Terminal Devices								
Fan Coil Unit/Heat	30%	0-2	$220,700	2038	* *	1	$12,900	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations. 20 Percent Of The Units Are Not Working								
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	90%	Now	$108,800	2031	$2,175,600	2	$6,500	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room.								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Controls Are Not Working, Units Run On Manual								
Split Unit	10%	Now	$352,300	2043	* *			
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof Serving Electrical Main Service Room								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Elevator Room								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$241,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX ANNEX
Asset # : 14453

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$131,000	
Exhaust Fans								
Roof	100%	0-2	$57,600	2033	$287,900	2	$3,600	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Three Exhaust Fans At Roof Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Hot Water Booster Pumps								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$9,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$41,600	
Fire Pump								
Generic	100%			2042	* *	1	$27,700	
Chemical System								
Generic	100%			2031	$530,400	1-3	$483,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : 1 Set 130 Square Feet Fire Suppression At Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **JANE ADDAMS VOCATIONAL H.S. - BX**
Address : **900 TINTON AVENUE BTWN: EAST 163 ST., EAST 161 ST.**
Borough : **BRONX** | **Agency's Number** : **X650**
Program / Asset # : **BOE0334.000 / 350** | **Yr Built/Renovated** : **1937 / 2015**
Area Sq Ft : **129,000** | **Project Type** : **EDUCATION**
Date of Survey : **27-Feb-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2668** **Lot** : **1** **BIN** : **2004807**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$446,700	$712,900
Interior Architecture		$96,900
Electrical	$369,800	$1,270,400
Mechanical	$849,800	$1,178,400
Site Pavements		$91,600
Total	**$1,666,200**	**$3,350,300**
Importance Code A	$446,700	$764,300
Importance Code B	$1,219,500	$2,494,400
Importance Code C		$91,600
Total	**$1,666,200**	**$3,350,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$5,600		$4,900
Interior Architecture	$66,500	$18,200	$17,000	
Electrical	$31,000	$41,000	$13,300	$12,600
Mechanical	$91,700	$60,800	$35,800	$23,500
Site Pavements	$2,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$200,000**	**$133,500**	**$73,900**	**$48,900**
Importance Code A	$12,800	$18,700	$12,800	$17,700
Importance Code B	$181,400	$114,800	$61,100	$31,200
Importance Code C	$5,900			
Total	**$200,000**	**$133,500**	**$73,900**	**$48,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$120,500	
Masonry: Brick	10%			LIFE	* *	5	$17,200	
Masonry: Limestone	20%			LIFE	* *	5	$25,800	
Windows								
Aluminum	97%	4+	$446,700	2046	* *	5	$23,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	3%			2039	* *	10	$9,100	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$20,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Masonry: Limestone	8%			LIFE	* *	5	$2,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Metal Rail	2%			2047	* *	5-10	$8,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Roof								
Built-Up (BUR)	70%			2030	$575,200	10	$49,300	
Copper/Terne	20%			2058	* *	10	$35,200	
Modified Bitumen	8%			2035	* *	10	$5,600	
Skylight, Metal/Glass	2%			2040	* *	10	$4,700	
Interior								
Floors								
Ceramic Tile	5%	4+	$27,300	2039	* *	5	$4,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Basement Girls And Womens Toilet								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Womens Toilet								
Quarry Tile	5%			2043	* *	5	$14,500	
Terrazzo	10%	4+	$36,200	LIFE	* *	5	$15,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Near Exit 11 Staircase C								
Vinyl Tile	70%			2035	* *	3	$50,900	
Wood	10%			2045	* *	5	$36,300	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$5,900	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$38,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$19,400	
Gypsum Board	5%			LIFE	* *	5	$12,100	
Metal Panel	5%			LIFE	* *	5	$12,100	
Plaster	75%			LIFE	* *	5	$90,800	
Plaster	5%			LIFE	* *	5	$6,100	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2050	* *			
Iron Picket	90%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	50%			2033	$91,600			
Cast in Place Concrete	50%	4+	$2,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere And One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$600	
Raceway								
Conduit	97%			2030	$236,400	1		
Conduit	3%			2060	* *	1		
Panelboards								
Fused Disc Sw	9%			2029	$26,900	5	$300	
Fused Disc Sw	1%			2055	* *	5		
Molded Case Bkrs	88%			2029	$263,400	5	$3,000	
Molded Case Bkrs	2%			2055	* *	5	$100	
Wiring								
Braided Cloth	50%	2-4	$170,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	48%			2030	$164,100	1		
Thermoplastic	2%			2060	* *	1		

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DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	$26,800	1	$39,700	
Generators								
Diesel	100%			2026	$138,700	1	$50,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$28,800	
Fuel Storage								
Day Tank	50%			2029	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 60 Gallons								
Main Tank	50%			2033	$38,400	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$113,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2025	$27,800	1		
Exterior Lighting								
HID	20%			2038	* *	10	$100	
HID	10%	Now	$60,200	2040	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Outside Wall								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$14,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$23,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	1%	Now	$300	2050	* *	1		
Gas Odor Evident, Extent : Severe, Area Affected : 1%								
Location : Gas Pipe On Side Of Boiler No.1 Boiler Room								
Interruptible Gas/Dual Fuel	99%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$127,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. 2 Heat Exchangers To Convert Hot Water For Heating Devices								
Distribution								
Hot Wtr Piping/Pump	20%			2038	* *	4	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Air Handlers								
Explanation : Glycol System, Basement Only								
Steam Piping/Pump	10%	0-2	$41,300	2050	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : And Defective Thermostats, Throughout.								
Steam Piping/Pump	70%			2040	* *			
Terminal Devices								
Air Handler	4%	0-2	$4,900	2030	$97,100	1	$2,900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : The Unit For Gymnasium								
Air Handler	16%			2030	$388,400	1	$12,800	
Convector/Radiator	5%	0-2	$1,100	2035	* *	1	$1,900	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : At Pipe Connections, Various Locations.								
Convector/Radiator	40%			2035	* *	1	$16,700	
Fan Coil Unit/Heat	20%			2025	$639,700	1	$8,300	
Unit Heater - Steam	15%			2025	$110,000	4	$2,700	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$153,200			
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 7 Units, Computer Room And Laboratories.								
Window/Wall Unit	15%			2028	$73,300	1		
No Component	80%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2030	$39,400	1	$2,100	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2030	$3,700	2	$4,500	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,900	
Exhaust Fans								
Interior	18%	0-2	$5,100	2030	$103,000	2	$600	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Interior	42%			2030	$240,300	2	$1,700	
Roof	12%	0-2	$3,000	2025	$30,000	2	$400	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Roof	28%			2025	$70,100	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	10%	2-4		2025	$1,700	2		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Gas Fired	90%			2025	$15,400	2		
Sanitary Piping								
Cast Iron	30%	0-2	$9,800	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast Iron	70%			LIFE	* *	1		

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JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	20%	0-2	$1,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : The Lower Roof								
Cast Iron	80%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$7,900	
Fixtures								
Generic	100%							
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$65,000	
Sprinkler								
No Component	85%							
Generic	15%			2040	* *	1-2	$5,400	
Fire Pump								
Generic	100%			2033	$123,200	1	$24,100	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JOHN ADAMS HIGH SCHOOL - Q**		
Address	: **101-01 ROCKAWAY BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q480**
Program / Asset #	: **BOE0885.000 / 1477**	**Yr Built/Renovated**	: **1930 / 2012**
Area Sq Ft	: **261,450**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9522** **Lot** : **29**	**BIN**	: **4201987**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$7,211,100	$458,000
Interior Architecture	$12,822,400	$422,000
Electrical		$6,132,700
Mechanical	$4,315,100	$8,949,400
Site Enclosure	$66,800	
Total	**$24,415,400**	**$15,962,100**
Importance Code A	$7,211,100	$2,839,600
Importance Code B	$15,903,500	$13,065,100
Importance Code C	$1,300,700	$57,400
Total	**$24,415,400**	**$15,962,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,600		$6,700	
Interior Architecture	$394,000		$7,300	$24,400
Electrical	$66,000	$9,500	$44,800	$8,900
Mechanical	$237,100	$36,300	$103,600	$49,200
Site Enclosure	$17,200			
Site Pavements	$33,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$777,400**	**$49,800**	**$166,400**	**$86,500**
Importance Code A	$94,500	$25,900	$33,200	$25,900
Importance Code B	$630,000	$23,900	$133,200	$60,600
Importance Code C	$52,800			
Total	**$777,400**	**$49,800**	**$166,400**	**$86,500**

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DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$168,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$215,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$10,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$10,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Stucco Cement	2%			2051	* *	5	$13,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$7,135,200	2056	* *	5	$74,900	1
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Glass Block	3%	Now	$25,600	LIFE	* *	5	$3,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Clearstory In Pool Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Clearstory Lintels In Pool Room								
Wood	2%	Now	$75,900	2056	* *	5	$15,800	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								

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JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$27,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$39,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$1,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Under Construction	100%							
Interior								
Floors								
Carpet	5%	Now	$345,100	2033	$345,100	3	$29,300	
Staining/Discoloring, Extent : Severe, Area Affected : 75%								
Location : ROTC Room In Basement And Boys Gymnasium								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : ROTC Room In Basement And Boys Gymnasium								
Cast in Place Concrete	25%			LIFE	* *	5	$213,400	
Ceramic Tile	3%			2034	* *	5	$11,700	
Mosaic Tile	5%	Now	$183,100	2036	* *	5	$24,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Staff Bathrooms								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Pool Deck								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Staff Bathrooms								
Quarry Tile	2%			2044	* *	5	$11,700	
Terrazzo	5%	4+	$91,200	LIFE	* *	5	$15,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : First Floor Corridors								
Vinyl Tile	30%			2036	* *	3	$58,500	
Vinyl Tile 9" X 9"	15%			2026	$10,331,600	3	$22,000	
Wood	10%	4+	$232,800	2046	* *	5	$36,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Boys And Girls Gymnasiums								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								

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JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$242,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Exterior Wall In Basement At West Wing								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Exterior Wall In Basement At West Wing								
Ceramic Tile	5%	Now	$87,700	2034	* *	5	$8,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen Corners								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Staff Bathrooms								
Masonry: Brick	10%	Now	$303,700	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Exterior Walls In Basement At West Wing								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Exterior Walls In Basement At West Wing								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Exterior Walls In Basement At West Wing								
Masonry: Brick	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasiums								
Explanation : Glazed Brick								
Metal: Cage/Fence	6%	Now	$9,600	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Panels Missing Throughout Stairwells								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell								
Explanation : Metal Cage With Some Glass Panels								
Marble Panels	5%	Now	$281,300	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : First Floor Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridor								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridor								
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : First Floor Corridor								

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Asset # : 1477

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
Plaster	60%	Now	$232,800	LIFE		* *	5	$57,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%									
Location : Kitchen Storage Room At Water Pipe Penetration									
Cracking/Crumbling, Extent : Severe, Area Affected : 10%									
Location : Basement, Stairwells And Bulkhead									
Paint Peeling, Extent : Severe, Area Affected : 5%									
Location : Basement Mechanical Areas And Staff Bathroom									
Water Penetration, Extent : Severe, Area Affected : 100%									
Location : Buklheads									
SGFT/Glazed Masonry	1%			LIFE		* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Cafeteria									
Explanation : Large Glazed Tile									
SGFT/Glazed Masonry	3%	Now	$86,000	LIFE		* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Pool Room Columns									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Throughout Pool Room									
Loose/Delam Surface, Extent : Severe, Area Affected : 20%									
Location : Pool Room									
Worn/Eroded, Extent : Severe, Area Affected : 20%									
Location : Pool Room									

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JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2048	* *	5	$19,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria In Basement								
Explanation : New Ceiling Tiles								
AcousTileSusp.Lay-In	2%	0-2	$13,000	2036	* *	5	$3,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : B34 And Rotc Room								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : B34 And Rotc Room								
Exposed Struc: Concrete	25%	Now	$292,400	LIFE	* *	5	$15,200	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room In Basement, Boys And Girls Gymnasium								
Spalling, Extent : Severe, Area Affected : 2%								
Location : Girls Gymnasium And Mechanical Room In Basement								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Girls Gymnasium								
Exposed Struc: Steel	3%			LIFE	* *			
Metal Panel	3%	Now	$77,600	LIFE	* *	5	$14,600	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	60%	4+	$356,100	LIFE	* *	5	$146,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors								
Plaster	2%	Now	$23,700	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair 3/4 And Bulkheads								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Stair 3/4,								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%	Now	$66,800	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Gates								
Corrosion/Rusting, Extent : Severe, Area Affected : 70%								
Location : Fence Posts And Chain Link Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Perimeter Fence								
Explanation : Base Connections Are Rusted And Corroded								
Iron Picket	40%	4+	$9,700	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Perimeter Fence								
Retaining Walls								
Cast in Place Concrete	100%	Now	$7,500	2051	* *			
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : 133rd Avenue At Chain Link Post Connections								
Loose/Delam Surface, Extent : Severe, Area Affected : 100%								
Location : Driveway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%			2036	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 133rd Avenue, 103rd Street And 101st Street								
No Component	10%							
On-Site Walkways								
Asphalt	50%	Now	$13,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Yard								
Ponding, Extent : Severe, Area Affected : 20%								
Location : Yard								
Cast in Place Concrete	40%			2044	* *			
Pavers/Stone	10%	Now	$8,700	2034	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Main Entry Steps								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Stone Steps And Landings At Exits And Main Entry								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Main Entry								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$11,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Loading Area								

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DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$102,800	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	95%			2031	$617,700	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Seven Vertical Sections								
Fused Disc Sw	5%			2051	* *	5	$100	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$31,900	5	$300	
Fused Disc Sw	5%			2047	* *	5	$300	
Molded Case Bkrs	60%			2030	$383,200	5	$4,100	
Molded Case Bkrs	30%			2039	* *	5	$2,100	
Wiring								
Braided Cloth	5%	2-4	$44,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	85%			2041	* *	1		
Thermoplastic	10%			2031	$89,800	1		
Motor Controllers								
Locally Mounted	50%			2029	$181,400	5	$900	
Locally Mounted	50%			2044	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2031	$3,741,500	10	$230,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lights								
LED	2%			2039	* *			

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JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$31,600	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$147,200	1	$29,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$49,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Cafeteria, Music Room, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$608,000	5	$81,000	
Conversion Equipment								
Steam Boiler	90%			2029	$2,051,000	1	$233,000	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Repairs In Progress, Extent : N/A, Area Affected : 25%								
Location : Unit No.4 In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units.								
Steam Boiler	10%	0-2	$45,600	2029	$227,900	1	$23,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of Boiler No.2								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Relieve Valves Of Boilers No.2, 3 And 4.								

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DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$41,900	2031	$2,093,600			
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : Pneumatic Control System, Various Locations.								
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Thermostats, Various Locations.								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Explanation : Vacuum Pumps And Steam Traps Are Under Construction.								
Terminal Devices								
Air Handler	15%			2026	$738,000	1	$24,300	
Air Handler	5%	0-2	$98,400	2031	$246,000	1	$7,300	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Coil Of The Unit B31, Basement								
Convector/Radiator	50%	0-2	$21,400	2029	$1,069,000	1	$38,000	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Various Locations								
Fan Coil Unit/Heat	30%	0-2	$38,900	2026	$1,944,700	1	$22,800	
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	5%	0-2	$29,700	2031	$49,500	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$229,700	LIFE	* *	2-5	$145,800	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Gymnasium B And C Blowers Room, Basement Air Handler Unit B31.								
Exhaust Fans								
Interior	95%			2026	$1,101,600	2	$7,600	
Roof	5%			2031	$25,400	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$667,600	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$1,264,200	4	$25,900	

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DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	0-2	$65,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : East Side Of The Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$18,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$8,300	
Pool Filter/Treatment								
Sand	100%	0-2	$11,000	2029	$548,900	4	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Pump Room								
Explanation : Inefficient Units								
Sewage Ejector(s)								
Electric	100%			2026	$136,900	4	$10,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Staff Bathroom, 1st Floor								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit. It Is Out Of Service Frequently								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$108,500	1-2	$2,200	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JOHN BOWNE HIGH SCHOOL - Q**		
Address	: **63-25 MAIN ST. FLUSHING @ REEVES AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q425**
Program / Asset #	: **BOE0873.000 / 1493**	**Yr Built/Renovated**	: **1964 / 2009**
Area Sq Ft	: **271,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6507** **Lot** : **1**	**BIN**	: **4439900**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$300,600	$294,000
Interior Architecture	$7,513,100	$29,616,900
Electrical	$830,800	$6,685,100
Mechanical	$2,193,500	$7,813,600
Site Enclosure	$164,100	
Site Pavements	$3,696,000	
Total	**$14,698,000**	**$44,409,600**
Importance Code A	$418,700	$2,758,900
Importance Code B	$9,507,700	$41,551,700
Importance Code C	$4,771,700	$99,000
Total	**$14,698,000**	**$44,409,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,800	$35,900	$23,700	
Interior Architecture	$154,800		$47,300	$47,300
Electrical	$51,600	$44,100	$50,700	$46,900
Mechanical	$148,100	$162,800	$117,100	$145,100
Site Enclosure	$43,500			
Site Pavements	$46,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$469,800**	**$246,800**	**$242,600**	**$243,100**
Importance Code A	$21,800	$62,700	$50,500	$26,800
Importance Code B	$300,400	$184,100	$192,200	$216,300
Importance Code C	$147,600			
Total	**$469,800**	**$246,800**	**$242,600**	**$243,100**

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%			LIFE	* *	5	$337,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Buildings On Campus								
Masonry: Brick Cavity	3%			LIFE	* *	5	$13,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Chiller Building								
Explanation : No Work, No Issues To Building								
Metal/Glass Curt Wall	15%			LIFE	* *	5	$126,500	
Metal Sect. OHD	2%			2046	* *	5	$14,100	
Window Wall	5%			2053	* *	5	$42,200	
Windows								
Aluminum	98%			2049	* *	5	$39,300	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Hardware Replaced At Windows Throughout								
Metal Louvers	2%			2042	* *	10	$5,000	
Parapets								
Masonry: Brick Cavity	58%			LIFE	* *	5-10	$66,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Four Main Buildings								
Masonry: Brick Cavity	5%			LIFE	* *	5-10	$5,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Chiller								
Explanation : No Work, No Issues.								
Metal Panel	5%			2053	* *	5	$3,300	
Metal Rail	30%			2050	* *	5-10	$91,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Four Main Building Roofs								
Pre-Cast Concrete	2%			LIFE	* *	5	$4,200	
Roof								
Copper/Terne	3%			2068	* *	10	$22,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Fluid Applied Roofing	85%			2068	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Four Main Buildings								
Panel/Paver: Cer/Brk	10%			2059	* *	10	$40,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Building Connectors								
Not Accessible	2%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Chiller Roof								
Explanation : Not Accessible At The Time Of Site Visit								
Soffits								
Stucco Cement	100%			2046	* *	5	$33,300	

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$206,800	
Ceramic Tile	3%	2-4	$79,900	2042	* *	5	$7,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms								
Terrazzo	2%	4+	$17,700	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Lobby								
Vinyl Tile	5%	Now	$652,800	2043	* *	3	$8,900	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Vinyl Tile	40%	4+	$522,200	2038	* *	3	$70,900	
Patching Evident, Extent : Severe, Area Affected : 10%								
Location : Corridors								
Recent Replace Evident, Extent : N/A, Area Affected : 50%								
Location : 3rd And 2nd Floor Classrooms								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Corridors								
Vinyl Tile 9" X 9"	35%	2-4	$2,919,300	2028	$29,193,000	3	$62,000	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Basement Corridor								
Wood	2%			2048	* *	5	$17,700	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Auditorium Stage								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor Gymnasium And Auditorium								
Explanation : Wood Floors In Upper Gymnasium And Auditorium Stage								
Wood	3%	Now	$845,600	2073	* *	5	$13,300	
Poor Subfloor Evident, Extent : Severe, Area Affected : 100%								
Location : Main Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Main Gymnasium								

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JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$72,000	
Masonry: Brick	3%			LIFE	* *	10	$5,400	
Plaster	55%	Now	$401,500	LIFE	* *	5	$99,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Buildings Are In Progress Of Brick Repair								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stairs 1 Through 2, 5 Through 10								
SGFT/Glazed Masonry	25%	2-4	$674,200	LIFE	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout Corridors, Impact Damage Cracks								
Wood	2%			LIFE	* *	5	$96,000	
Ceilings								
AcousTile,Adhered	20%			2046	* *	5	$94,500	
AcousTileSusp.Lay-In	5%	0-2	$392,900	2053	* *	5	$11,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Corridor								
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$118,100	
Exposed Struc: Steel	2%			LIFE	* *	10	$18,900	
Fiber Board	3%	4+	$11,100	2038	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Main Gymnasium								
Metal Panel	5%	Now	$156,500	LIFE	* *	5	$29,500	
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Basement Corregated Metal Suspended Ceiling								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement From HVAC Condensation								
Metal Panel	17%	Now	$532,200	LIFE	* *	5	$100,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : 2nd And 3rd Floor Corridors								
Metal Panel	3%			LIFE	* *	5	$35,400	
Recent Replace Evident, Extent : N/A, Area Affected : 90%								
Location : Kitchen								
Plaster	25%			LIFE	* *	5-10	$203,100	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Iron Picket	75%	4+	$43,500	2068	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Main Street								
Free Standing Walls								
Masonry: Brick	100%			2053	* *			

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$164,100	2068	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Softball Retaining Wall								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Softball Retaining Wall								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Softball Field								
Explanation : No Drainage From Softball Field, Retaining Wall Is Holding The Water Like A Pool.								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$31,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Reeves Avenue And Main Street								
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : Corner Of Reeves Avenue And Main Street From The Tree Pit								
On-Site Walkways								
Asphalt	80%	Now	$248,500	2048	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : Around Trailers								
Ponding, Extent : Severe, Area Affected : 25%								
Location : Around Trailers								
Sinking/Subsiding, Extent : Severe, Area Affected : 2%								
Location : Between Trailer And Chiller Building								
Cast in Place Concrete	15%	0-2	$14,700	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear And Side Exits Of Buildings								
Cast in Place Concrete	5%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Main Entrance								
Explanation : New Ramp To Main Entrance Is In Progress								
Parking/Driveway								
Asphalt	70%	Now	$1,033,400	2048	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Rear Parking Lot								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Rear Parking Lot								
Pavers/Stone	30%	Now	$2,414,200	2048	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : At Gravel Parking								
Tripping Hazard, Extent : Severe, Area Affected : 100%								
Location : At Gravel Parking								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Temporary Parking Next To Chiller Building And Off Of Main Street								
Explanation : Gravel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$102,800	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 3,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2038	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room And Chiller Room								
Explanation : One 500 Kilovolt Amperes And Two 75 Kilovolt Amperes, 480/277/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	85%			2033	$552,700	5	$1,000	
Fused Disc Sw	5%			2043	* *	5	$100	
Molded Case Bkrs	10%			2043	* *	5	$700	
Raceway								
Conduit	90%			2033	$606,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	8%			2032	$51,100	5	$500	
Fused Disc Sw	2%			2041	* *	5	$100	
Molded Case Bkrs	70%			2032	$447,100	5	$5,000	
Molded Case Bkrs	20%			2041	* *	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$628,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2033	$179,700	1		
Motor Controllers								
Locally Mounted	80%			2031	$290,300	5	$1,500	
Motor Control Center	20%			2038	* *	5	$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$83,400	
Generators								
Natural Gas	100%	Now	$138,700	2048	* *	1	$94,500	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Generator Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$10,000	
Lighting								

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2033	$3,231,800	10	$198,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	16%			2033	$646,400	10	$39,800	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 3rd Floor								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2033	$83,500	1		
Emergency, Battery	10%			2028	$45,500	10	$6,500	
Exit, Service	40%			2028	$46,700	1		
Exterior Lighting								
HID	5%	Now	$63,200	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
LED	15%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$50,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$254,400	1	$50,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Auditorium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$167,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium, Cafeteria And Mechanical Room								
Explanation : Strobe Lights, Horns, Smoke Detectors, Manual Pull Box, Alarm Bell And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$84,000	

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$118,100	2031	$2,362,100	1	$241,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Boiler No. 2 From The Hinges								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$13,400	
Terminal Devices								
Air Handler	25%	0-2	$63,700	2033	$1,274,900	1	$37,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Preheat Coil Leaking In Basement								
Convector/Radiator	75%	0-2	$166,200	2038	* *	1	$59,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Radiators In Exit 3 And 4, Hallway And Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2042	* *	1	$205,300	
R-134a Refrigerant, Extent : Light, Area Affected : 90%								
Location : Court Yard Air Conditioning Room								
Window/Wall Unit	10%	0-2	$5,100	2028	$102,700	1		
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Four Units Are Not Working In Room 354, 327, 217								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	70%			2059	* *	4	$9,400	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	70%			2033	$2,944,700	1	$117,300	
No Component	30%							
Heat Rejection								
Water Cooling Tower	70%			2037	* *	2	$190,900	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$1,190,200	LIFE	* *	2-5	$151,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Is Leaking In Rooms 258, 360 And Hallway								

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	25%			2033	$300,500	2	$2,100	
Roof	75%	Now	$39,400	2033	$394,400	2	$5,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Air Recovery Units Are Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$47,300	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Temporary Electric Heaters Being Used								
HW Heat Exchanger								
Steam Fired	100%	Now	$655,200	2043	* *	4	$26,800	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : 1 Of 2 Units Is Not Working In The Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$19,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sump Pump(s)								
Non-Submersible	100%	Now	$27,100	2038	* *	4	$5,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$3,800	

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2031	$367,200	1-3	$334,900	
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Kitchen							
	Explanation : 1 Set Kitchen Fire Suppression System, 90 Square Feet							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JOHN COKER DAY CARE CENTER**		
Address	: **1375 BUSHWICK AVENUE @ DECATUR ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **ACS0003.000 / 13413**	**Yr Built/Renovated**	: **1972 / 1995**
Area Sq Ft	: **27,100**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **3433** **Lot** : **5**	**BIN**	: **3079655**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$139,800	
Interior Architecture		$102,000
Electrical		$42,900
Mechanical	$407,200	$240,000
Total	**$547,000**	**$384,800**
Importance Code A	$410,400	
Importance Code B	$136,600	$384,800
Total	**$547,000**	**$384,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,800	$7,100		$3,100
Interior Architecture	$66,300	$14,200		$5,300
Electrical	$57,900	$1,700	$1,700	$5,700
Mechanical	$25,900	$6,800	$4,300	$26,000
Total	**$175,000**	**$29,800**	**$6,000**	**$40,100**
Importance Code A	$27,700	$8,800	$900	$4,900
Importance Code B	$132,000	$21,000	$5,100	$35,200
Importance Code C	$15,200			
Total	**$175,000**	**$29,800**	**$6,000**	**$40,100**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
JOHN COKER DAY CARE CENTER
Asset # : 13413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$4,500	
Masonry: Brick	95%	Now	$139,800	LIFE	* *	5	$17,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Above Windows And Throughout								
Windows								
Aluminum	100%	Now	$5,700	2040	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	5%			LIFE	* *	5	$100	
Metal Panel	5%			2052	* *	5	$300	
Metal: Cage/Fence	90%			2045	* *	5-10	$12,100	
Roof								
Metal, Corrugated	5%			2037	* *	1		
Modified Bitumen	10%			2037	* *	10	$3,000	
Play Surface	85%	Now	$19,100	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Entrance And Below Canopy								
Interior								

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DEPARTMENT OF EDUCATION - 040
JOHN COKER DAY CARE CENTER
Asset # : 13413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$2,700	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$1,800	2035	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Toilets								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Throughout Toilets								
Quarry Tile	10%			2037	* *	5	$4,700	
Sheet Vinyl/Rubber	5%	2-4	$5,100	2032	$102,000	5	$1,200	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	75%	Now	$32,300	2037	* *	3	$8,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout Basement								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Throughout 1st Floor And Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout 1st Floor And Basement								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Explanation : Damage Due To Past Flooding.								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Throughout Basement								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Where Wall Was Repaired								
Explanation : Paint Peeling								
Ceramic Tile	5%	Now	$3,000	2035	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Toilets								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout Toilets								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,200	
Gypsum Board	80%	Now	$12,200	LIFE	* *	5	$26,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Group 4 Classroom By Windows								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Group 4 Classroom By Windows								

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DEPARTMENT OF EDUCATION - 040
JOHN COKER DAY CARE CENTER
Asset # : 13413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	9%	Now	$9,300	2045	* *	5	$1,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Entry Foyer And Center Room								
AcousTileSusp.Lay-In	91%			2045	* *	5	$28,400	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$100	
Raceway								
Conduit	70%			2032	$42,900	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Explanation : Circuit Breakers In Kitchen Panel Trip Due To Overloaded Branch Circuits								
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								

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DEPARTMENT OF EDUCATION - 040
JOHN COKER DAY CARE CENTER
Asset # : 13413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%	Now	$39,200	2040	* *			
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout The Building								
Explanation : Failed Ballasts								
Fluorescent	3%			2040	* *	10	$700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$3,300	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	8%	Now	$10,100	2042	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Outside								
LED	2%	Now	$1,500	2042	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Front Of The Building								
Explanation : Fixtures Dark								
No Component	90%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2037	* *	1	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$7,000	2037	* *	1-3	$15,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Trouble Signal Visible On Fire Alarm Control Panel.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	70%			2042	* *	1		
Natural Gas	30%			2042	* *	1		

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JOHN COKER DAY CARE CENTER
Asset # : 13413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	70%	Now	$3,000	2027	$59,000	1	$8,400	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Units On The Roof								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Radiant Heater	30%			2027	$211,600	2	$3,800	
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Throughout								
Explanation : Electric Baseboard Radiation And Unit Heaters, Back Up System								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%	2-4	$136,600	2042	* *	2	$700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 1 Unit On Roof								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : 2 Units On Roof								
Split Unit	50%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 40%								
Location : Roof								
Explanation : 6 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$15,100	
Exhaust Fans								
Roof	100%			2032	$52,600	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2027	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen And Basement								
Explanation : Two Units In The Kitchen And One Unit In The Basement								
Sanitary Piping								
Cast Iron	100%	Now	$17,100	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Clogged Grease Trap Under Kitchen Sink								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN COKER DAY CARE CENTER
Asset # : 13413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$4,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 15%								
Location : Water Backs Up In Basement When It Rains								
Backflow Preventer								
Generic	100%			2037	* *	1	$1,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	50%							
Generic	50%			2032	$187,400	1-2	$3,800	
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**JOHN DEWEY HIGH SCHOOL - BK**			
Address	:	**50 AVENUE X @STILLWELL AVE. BTWN: WEST 12 ST., WEST 11 ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K540**
Program / Asset #	:	**BOE0645.000 / 1208**	**Yr Built/Renovated**	:	**1969 / 2015**
Area Sq Ft	:	**300,718**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**17-Jul-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3**			
Block	:	**7185** **Lot** : **20**	**BIN**	:	**3194998**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$5,033,600	$5,558,200
Interior Architecture	$2,123,800	$48,870,000
Electrical	$1,156,300	$1,608,400
Mechanical	$5,260,800	$13,043,200
Site Pavements	$440,700	$8,101,100
Total	**$14,015,100**	**$77,181,000**
Importance Code A	$5,033,600	$8,179,300
Importance Code B	$8,279,300	$61,115,300
Importance Code C	$702,300	$7,886,400
Total	**$14,015,100**	**$77,181,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$27,900		
Interior Architecture	$113,000		$11,300	$33,800
Electrical	$33,400	$68,400	$31,600	$29,900
Mechanical	$40,600	$108,300	$85,300	$50,800
Site Pavements	$47,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$238,800**	**$208,500**	**$132,100**	**$118,400**
Importance Code A	$29,800	$57,700	$30,400	$29,800
Importance Code B	$172,600	$150,900	$101,600	$88,600
Importance Code C	$36,500			
Total	**$238,800**	**$208,500**	**$132,100**	**$118,400**

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	0-2	$415,000	LIFE	* *	5	$238,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	5%			2050	* *	5-10	$86,200	
Windows								
Aluminum	95%	Now	$4,054,100	2055	* *	5	$42,500	
Air Infiltration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Steel	5%	Now	$201,900	2055	* *	5	$28,000	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout.								
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Various Throughout.								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout.								
Parapets								
Masonry: Brick Cavity	95%	2-4	$86,700	LIFE	* *	5	$43,100	
Painted Surfaces, Extent : Light, Area Affected : 25%								
Location : Interior Face Of Parapet Wall								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Interior Face Of Parapet Wall								
Metal Panel	5%			2040	* *	5	$8,800	
Roof								
Built-Up (BUR)	90%			2030	$4,418,900	10	$378,600	
Modified Bitumen	10%	Now	$275,900	2030	$459,800			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2029	$398,000	3	$33,800	
Cast in Place Concrete	10%			LIFE	* *	5	$98,500	
Ceramic Tile	5%			2033	$1,268,900	5	$22,500	
Sheet Vinyl/Rubber	3%	0-2	$88,300	2030	$883,400	5	$10,100	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Terrazzo	5%			LIFE	* *	5	$17,600	
Traffic Topping	2%			2038	* *	5	$11,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Science Laboratories								
Vinyl Tile	5%			2030	$621,700	3	$11,300	
Vinyl Tile 9" X 9"	55%	Now	$873,800	2030	$43,691,700	3	$92,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Door Thresholds Throughout								
Wood	10%	Now	$536,900	2045	* *	5	$42,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Dance Studio Room 108								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Stage Floor - Auditorium And Gymnasiums								
Interior Walls								
Ceramic Tile	5%			2033	$1,811,400	5	$32,900	
Concrete Masonry Unit	10%	Now	$123,800	LIFE	* *	5	$26,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Staircase, Mechanical Penthouses And Various Locations Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$13,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Acoustic Block								
Folding Partition	2%	Now	$36,500	2038	* *	5	$16,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Plaster	43%	0-2	$137,800	LIFE	* *	5	$84,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	35%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	2-4	$34,900	2035	* *	5	$10,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
AcousTileSusp.Lay-In	25%	Now	$36,100	2035	* *	5	$54,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout Corridors								
Fiber Board	2%	Now	$2,700	2030	$135,400			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Small Gymnasium								
Metal Panel	13%			LIFE	* *	5	$70,500	
Plaster	55%	Now	$363,100	LIFE	* *	5	$149,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$47,900	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	95%	0-2	$282,400	2033	$2,824,000			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cast in Place Concrete	5%			2035	* *			
Parking/Driveway								
Asphalt	100%	0-2	$158,300	2033	$3,166,000			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Activity Yard								
Traffic Topping	100%			2030	$2,111,100			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Athletic Field								
Explanation : Athletic Field								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 5,000 Ampere Service Switch And Associated Equipment Installed In 2017.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$1,300	
Raceway								
Conduit	60%			2030	$404,600	1		
Conduit	10%			2050	* *	1		
Conduit	30%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$63,900	5	$700	
Molded Case Bkrs	10%			2046	* *	5	$800	
Molded Case Bkrs	80%			2029	$510,900	5	$6,300	
Wiring								
Braided Cloth	65%	2-4	$584,000	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2040	* *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	98%			2028	$355,600	5	$2,000	
Locally Mounted	2%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Fan 3 Staircase 2								
Explanation : Variable Frequency Drive Type.								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$92,500	
Generators								
Natural Gas	100%			2043	* *	1	$116,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : New Gas Fuel Generator Installed In 2017. Generator Platform Not Accessible.								
Batteries								
Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							
Lighting								

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$262,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Mostly T-8 Lamps								
HID	3%			2030	$106,800	10	$300	
Incandescent	2%			2030	$166,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$36,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	60%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior LED Fixtures Installed In 2018.								
No Component	40%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$22,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Lobby								
Explanation : Internet Protocol Digital Video System Type								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$310,300	1-3	$74,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$699,300	5	$93,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room Vault								
Explanation : Two 20,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	$2,621,100	1	$297,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Four No. 4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2030	$2,408,100			

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%	Now	$141,500	2025	$2,829,500	1	$83,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse And First Floor Fan Rooms								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : First Floor Fan Rooms								
Explanation : Choral Room Exhaust Has Faulty Bearings. HV - 13 Not In Service.								
Convector/Radiator	50%			2028	$1,229,500	1	$48,600	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2030	$443,600	1	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Kitchen And Cafeteria Air Handlers.								
Split Unit	5%			2035	* *			
Window/Wall Unit	80%			2025	$911,400	1		
No Component	5%							
Distribution								
CW & CHW Wtr Pipe/Pump	5%			2040	* *	4	$1,100	
No Component	95%							
Terminal Devices								
Air Handler/Dir Expansion	5%			2030	$273,900	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Northwest Penthouse Fan Room								
Explanation : Unit Serves The Library								
Air Handler/Cool/Ht	5%			2025	$277,200	1	$9,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Fan Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Fan Room								
Explanation : Chilled Water Coils Installed In Ductwork								
No Component	90%							
Heat Rejection								
Dry Cooler	5%			2035	* *	2	$10,500	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$167,700	

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2025	$533,500	2	$3,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Auditorium Fan Rooms								
Roof	60%			2025	$350,100	2	$5,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$3,839,100	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Deteriorating Domestic Hot And Cold Water Piping								
Water Heater With Tanks								
Electric	10%			2024	$2,400	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 50 Gallon Possibly For Kitchen								
No Component	90%							
HW Heat Exchanger								
Steam Fired	100%			2030	$1,454,100	4	$29,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units For Domestic HW Use.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$60,200	4	$9,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Pit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Duplex Unit								
Sewage Ejector(s)								
Electric	100%			2025	$157,500	4	$18,000	
Backflow Preventer								
No Component	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Local Protection For Science Laboratories And Boilers Only								
Generic	10%			2035	* *	1	$1,800	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$4,200	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **JOHN F. KENNEDY HIGH SCHOOL - BX**
Address : **99 TERRACE VIEW AVE. BTWN WEST 230 ST AND TIBBETT AV**
Borough : **BRONX** | **Agency's Number** : **X475**
Program / Asset # : **BOE0332.000 / 1101** | **Yr Built/Renovated** : **1972 / 2011**
Area Sq Ft : **477,518** | **Project Type** : **EDUCATION**
Date of Survey : **29-Jan-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,4,6,8**
Block : **2215** **Lot** : **80** **BIN** : **1064532**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,042,100	$309,500
Interior Architecture	$4,655,000	$433,700
Electrical	$178,300	$10,049,000
Mechanical	$2,445,200	$5,311,800
Site Pavements	$376,300	
Total	**$8,696,800**	**$16,104,000**
Importance Code A	$1,250,200	$4,533,300
Importance Code B	$5,597,200	$11,481,000
Importance Code C	$1,849,400	$89,600
Total	**$8,696,800**	**$16,104,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$41,400			
Interior Architecture	$22,400			$59,500
Electrical	$43,700	$41,200	$97,000	$38,800
Mechanical	$95,700	$115,800	$152,800	$105,100
Site Enclosure	$7,100			
Site Pavements	$14,200			
Elevators/Escalators	$55,100	$55,100	$55,100	$55,100
Total	**$279,600**	**$212,100**	**$304,900**	**$258,600**
Importance Code A	$41,400	$47,300	$48,100	$47,500
Importance Code B	$209,100	$164,800	$256,700	$211,100
Importance Code C	$29,200			
Total	**$279,600**	**$212,100**	**$304,900**	**$258,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	4+	$560,500	LIFE	* *	5	$136,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Main Entrance								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$108,900	
Recent Repair Evident, Extent : N/A, Area Affected : 40%								
Location : All Facades								
Masonry: Limestone	6%			LIFE	* *	5	$12,300	
Metal Sect. OHD	1%			2044	* *	5	$8,500	
Granite Panels	3%			LIFE	* *	5	$6,100	
Windows								
Aluminum	98%	Now	$331,200	2047	* *	5	$17,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Cafeteria, Classrooms								
Metal Louvers	2%			2040	* *	10	$4,400	
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5	$25,400	
Masonry: Limestone	10%			LIFE	* *	5	$4,300	
Metal Rail	10%			2044	* *	5-10	$61,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,700	
Roof								
Built-Up (BUR)	70%			2036	* *	10	$150,300	
Modified Bitumen	30%			2039	* *	10	$64,400	
Recent Replace Evident, Extent : N/A, Area Affected : 60%								
Location : Main Roof								
Soffits								
Cast in Place Concrete	5%			LIFE	* *	5		
Metal Panel	95%			2051	* *	5-10		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$103,900	LIFE	* *	5	$133,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Ground Water								
Ceramic Tile	4%	Now	$137,700	2040	* *	5	$12,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Kitchen On 4th, 5th And 8th Floor								
Ceramic Tile	1%			2044	* *	5	$6,100	
Recent Installation, Extent : N/A, Area Affected : 1%								
Location : 1st Floor Toilet, Kitchen On 7th Floor								
Terrazzo	2%	0-2	$114,200	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Lobby								
Vinyl Tile	60%	0-2	$1,012,000	2036	* *	3	$137,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	15%			2036	* *	3	$45,800	
Vinyl Tile 9" X 9"	3%	Now	$161,600	2041	* *	3	$6,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 3%								
Location : Kitchen Area								
Wood	5%	Now	$728,300	2059	* *	5	$28,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Gymnasium								
Patching Evident, Extent : Severe, Area Affected : 2%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$216,300	2040	* *	5	$19,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets And Kitchens								
Ceramic Tile	2%			2044	* *	5	$15,700	
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : Toilets, 7th Floor Kitchen								
Concrete Masonry Unit	15%			LIFE	* *	5	$47,200	
Folding Partition	5%	Now	$1,633,100	2039	* *	5	$49,100	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium 1 And 2 On 2nd Floor								
Metal Panel	5%			LIFE	* *			
Plaster	33%			LIFE	* *	5	$77,800	
Plaster	5%			LIFE	* *	5	$11,800	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%	Now	$327,100	2044	* *	5	$101,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 35%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
AcousTileSusp.Lay-In	10%			2048	* *	5	$58,100	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : 6th Floor Science Laboratory								
Exposed Struc: Concrete	20%			LIFE	* *	5	$18,100	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	25%	Now	$220,800	LIFE	* *	5	$90,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	5%			LIFE	* *	5	$18,100	
Site Enclosure								
Fence/Gates								
Chain Link	98%	4+	$7,100	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Baseball Field Fence								
Iron Picket	2%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
On-Site Walkways								
Asphalt	50%			2040	* *			
Cast in Place Concrete	50%			2044	* *			
Parking/Driveway								
Asphalt	100%	4+	$14,200	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Loading Dock Area								
Activity Yard								
Asphalt	100%	Now	$376,300	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Tennis Courts								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Tennis Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2031	$61,700	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 4,000 Ampere Main Disconnect Switches								
Fused Disc Sw	40%			2041	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,600 Ampere Main Disconnect Switches								
Fused Disc Sw	20%			2057	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2029	$26,700	5	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 500 Kilovolt-ampere, One 225 Kilovolt-ampere And One 75 Kilovolt-ampere 480/277 Volts Pri - 208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	40%			2041	* *	5	$800	
Fused Disc Sw	10%			2057	* *	5	$200	
Fused Disc Sw	50%			2031	$487,700	5	$1,000	
Raceway								
Conduit	70%			2031	$708,000	1		
Conduit	10%			2057	* *	1		
Conduit	20%			2041	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$78,200	5	$900	
Fused Disc Sw	2%			2053	* *	5	$200	
Molded Case Bkrs	50%			2030	$489,000	5	$6,300	
Molded Case Bkrs	30%			2039	* *	5	$3,800	
Molded Case Bkrs	10%			2053	* *	5	$1,300	
Wiring								
Thermoplastic	70%			2031	$943,400	1		
Thermoplastic	20%			2041	* *	1		
Thermoplastic	10%			2057	* *	1		
Motor Controllers								
Locally Mounted	30%			2029	$163,300	5	$1,000	
Locally Mounted	20%			2036	* *	5	$600	
Motor Control Center	30%			2029	$654,400	5	$3,900	
Variable Frequency Drive	20%			2048	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$3,500	
Generic	50%			LIFE	* *	5	$3,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$146,900	
Generators								
Diesel	100%			2044	* *	1	$184,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 550 Kilowatt								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$17,700	
Fuel Storage								
Main Tank	100%			2066	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 285 Gallons								
Lighting								
Interior Lighting								
Fluorescent	82%			2031	$5,837,000	10	$359,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	2%			2039	* *	10	$8,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library								
Fluorescent	10%			2039	* *	10	$43,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	6%			2039	* *			
Egress Lighting								
Emergency, Service	45%			2031	$132,400	1		
Emergency, Service	5%			2039	* *	1		
Emergency, Battery	5%			2026	$40,100	10	$5,800	
Exit, Service	5%			2039	* *	1		
Exit, Service	40%			2031	$82,400	1		
Exterior Lighting								
HID	8%			2026	$178,300	10	$100	
LED	2%			2039	* *			
No Component	90%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2039	* *	1	$17,800	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2039	* *	1-3	$30,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$147,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 3 Tanks Of 20,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$208,100	2029	$4,162,100	1	$425,600	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room: Defective Emergency Shut Off For All The Boilers								
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Deteriorating Insulation Around The 4 Boiler								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Explanation : Boiler No. 3 Tubes Clogged								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$268,600	2041	* *	4	$23,500	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump And Condensate Return Pipe In The Basement								
Terminal Devices								
Air Handler	50%			2036	* *	1	$147,600	
Convector/Radiator	50%	Now	$39,000	2036	* *	1	$69,400	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various								
Explanation : 20 Percent Stream Traps Faulty								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2031	$523,600	2	$2,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Explanation : 2 Rooftop Unit. 1 Unit Is Out Of Service Due To Defective Drive Controller								
Window/Wall Unit	80%			2026	$1,447,200	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Elevator Machine Room								
Explanation : Window Unit In Elevator Machine Room Out Of Service								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$266,300	
Exhaust Fans								
Interior	85%			2036	* *	2	$12,400	
Roof	15%			2036	* *	2	$2,200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : One Unit								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$70,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%	0-2	$300,800	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Various								
Explanation : Clogged Piping								
Storm Drain Piping								
Cast Iron	100%	0-2	$84,200	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Sub-basement								
Explanation : Water Penetration At Sub-basement Electrical Room								
Sump Pump(s)								
Non-Submersible	80%			2031	$76,500	4	$8,100	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement								
Explanation : 5 Units								
Non-Submersible	20%			2036	* *	4	$3,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : 1 Unit								
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$28,500	
Backflow Preventer								
Generic	100%			2031	$213,300	1	$29,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 8th Floor								
Explanation : 4 Units								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit Is 1st To 2nd Floor, Two Units Are 2nd To 4th Floor, Two Units Are 4th To 6th Floor, Two Units Are 6th To 8th Floor								
Explanation : 7 Units								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$249,700	
Sprinkler								
No Component	75%							
Generic	25%			2041	* *	1-2	$33,400	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 7th Floor Kitchen								
Explanation : Good Condition								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JOHN JAY CAMPUS HIGH SCHOOLS- BK**		
Address	: **237 SEVENTH AVE BTWN: 5 ST., 4 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K460**
Program / Asset #	: **BOE0633.000 / 1229**	**Yr Built/Renovated**	: **1903 / 2015**
Area Sq Ft	: **265,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Apr-2019**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5**		
Block	: **1082** **Lot** : **1**	**BIN**	: **3025510**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$4,506,700	$322,900
Interior Architecture	$6,558,200	$3,623,500
Electrical	$1,020,500	$2,103,700
Mechanical	$1,179,900	$9,983,500
Total	**$13,265,400**	**$16,033,600**
Importance Code A	$4,506,700	$322,900
Importance Code B	$7,074,100	$13,649,900
Importance Code C	$1,684,500	$2,060,800
Total	**$13,265,400**	**$16,033,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$64,300		
Interior Architecture	$93,600	$22,000	$22,000	
Electrical	$9,900	$52,300	$18,200	$20,200
Mechanical	$145,300	$39,300	$66,700	$42,100
Site Enclosure	$46,800			
Site Pavements	$12,900			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$318,400**	**$187,700**	**$116,700**	**$72,100**
Importance Code A	$26,200	$91,100	$26,200	$26,200
Importance Code B	$228,400	$96,600	$90,500	$45,900
Importance Code C	$63,700			
Total	**$318,400**	**$187,700**	**$116,700**	**$72,100**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$43,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast Stone/Terra Cotta	10%	4+	$151,600	LIFE	* *	5	$135,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : 5th Street								
Masonry: Brick	68%	Now	$533,300	LIFE	* *	5	$118,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Various Roof Bulkheads And Interior Courtyard								
Painted Surfaces, Extent : Light, Area Affected : 15%								
Location : Interior Courtyard								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Courtyard Walls								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Elevation								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : East Courtyard								
Explanation : Severe Deterioration Of Brick And Mortar At Exterior Stair								
Masonry: Limestone	15%	Now	$675,100	LIFE	* *	5	$19,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Fascia Band Located At 5th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fascia Band Located At 5th Floor, North Elevation								
Metal Panel	2%			2050	* *	5-10	$23,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Bulkheads On Roof								
Explanation : Metal Rainscreen Cladding								
Windows								
Aluminum	100%	Now	$717,500	2046	* *	5	$68,700	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Window Guards								
Explanation : Damaged By Air Conditioning Unit Installations								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$25,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 75%								
Location : Cornice								
Copper/Terne	5%			2050	* *	5	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Cornices								
Explanation : Cap Flashing								
Masonry: Brick	65%	Now	$296,200	LIFE	* *	5	$21,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkheads								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	15%	Now	$100,400	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Main Roof								
Metal Rail	5%			2043	* *	5-10	$29,700	
Roof								
Built-Up (BUR)	75%	Now	$441,800	2025	$1,472,600			
Embedded Gravel Surface, Extent : Moderate, Area Affected : 50%								
Location : Various Roofs								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Various Roofs								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Main Roof, North Side								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : Lower Roof Above Cafeteria								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Explanation : Broken Drain Cover								
Copper/Terne	10%			2045	* *	10	$38,400	
Modified Bitumen	10%			2035	* *	10	$15,400	
Skylight, Metal/Glass	5%	Now	$118,200	2040	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkhead On Main Roof								
Interior								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$72,900	LIFE	* *	5	$85,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ponding, Extent : Severe, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$120,800	2033	$1,208,200	5	$9,800	
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Toilet Rooms, Cafeteria, And Pool								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Pool Area								
Deteriorated Finish, Extent : Moderate, Area Affected : 45%								
Location : Toilet Rooms								
Terrazzo	5%	Now	$40,100	LIFE	* *	5	$15,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : First Floor Lobby								
Vinyl Tile	45%			2035	* *	3	$66,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%			2025	$3,781,900	3	$7,300	
Wood	30%	Now	$153,400	2045	* *	5	$110,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Gymnasiums								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$686,300	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Vertical Cracks, Extent : Light, Area Affected : 1%								
Location : Basement Column								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Ceramic Tile	8%	Now	$39,700	2033	$1,986,600	5	$16,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Pool Area								
Masonry: Brick	10%	Now	$429,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Cellar Bathroom Area								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Roof Fan Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cellar Bathroom Area								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Cellar Bathroom Area								
Marble Panels	2%	Now	$238,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Main Entry Vestibule								
Plaster	60%	Now	$329,500	LIFE	* *	5	$74,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Pool Storage Area, Auditorium, Rooms 202, 302, 402, 416, 418, 420, Various Fifth Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Pool Storage Area, Auditorium, Various Classrooms On Fourth Floor								
SGFT/Glazed Masonry	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$13,800	2043	* *	5	$24,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Corridors Throughout								
AcousTileSusp.Lay-In	10%			2035	* *	5	$39,100	
Exposed Struc: Concrete	10%	Now	$321,100	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Beams And Arches								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Beams								
Exposed Reinforcement, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Pool Locker Rooms								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	65%	Now	$423,600	LIFE	* *	5	$159,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : 5th Floor Classrooms At Window Heads And Pool Bathrooms								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 5th Floor Classrooms At Window Heads								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Pool Bathroom								
Explanation : Ceiling Collapsed								
Site Enclosure								
Fence/Gates								
Chain Link	20%	4+	$4,400	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Rear Play Yard								
Iron Picket	80%	4+	$7,700	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	70%			2050	* *			
Masonry: Brick	5%	Now	$4,500	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Area								
Masonry: Fieldstone	25%	Now	$30,100	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Areaway On North Side Of Building								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%								
Location : Areaway On North Side Of Building								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Areaway On North Side Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	95%	Now	$1,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Areaway On North Side Of Building								
Masonry: Granite	3%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Main Entrance On 7th Avenue								
Pavers/Stone	2%			2033	$7,900			
Parking/Driveway								
Asphalt	100%	2-4	$9,900	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	100%	4+	$1,100	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2060	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Service Replaced In 2018. Service Switch Rated 1,200 Amperes								
Fused Disc Sw	50%			2040	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor Electrical Service								
Explanation : 4,000 Ampere Service Switch								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2060	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Service Room								
Explanation : Service Equipment Replaced In 2018								
Fused Disc Sw	70%			2030	$498,500	5	$800	
Raceway								
Conduit	90%			2030	$664,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2055	* *	5	$900	
Fused Disc Sw	35%			2038	* *	5	$2,100	
Molded Case Bkrs	50%			2038	* *	5	$3,500	
Wiring								
Braided Cloth	30%	2-4	$295,200	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Thermoplastic	70%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2050	* *	5	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms								
Locally Mounted	50%			2028	$198,700	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Watermain								
Stand-by Power								
Generators								
Natural Gas	100%	Now	$151,900	2045	* *	1	$92,400	
Engine Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement								
Lighting								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$194,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Auditorium								
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 5%								
Location : 1st Floor Classrooms								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 90%								
Location : Throughout								
LED	20%			2035	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Gymnasiums And Auditorium								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2025	$243,600	10	$32,000	
Exit, Service	50%			2030	$62,600	1		
Exterior Lighting								
HID	20%	Now	$135,400	2030	$270,900			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2045	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Upper Section Of Roof Provided With Lightning Protection								
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$109,000	1	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Inadequate Coverage								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2030	$299,500	1-3	$67,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$262,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Controls Issue. Inactive Lead - Lag Function. 3 Boilers Were Recently Installed.								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Cracked Valves On Steam Header In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Float And Thermostatic Traps At Basement Mains								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pumps In Basement								
Explanation : Leaking And Rusting								
Terminal Devices								
Air Handler	40%	Now	$655,400	2030	$2,184,700	1	$59,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Air Handlers In Basement On Second And Fifth Floor Fan Rooms								
Convector/Radiator	40%	2-4	$47,500	2028	$949,300	1	$30,800	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : All Floors								
Fan Coil Unit/Heat	20%			2030	$1,439,200	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	2%			2035	* *			
Window/Wall Unit	60%			2028	$659,700	1		
No Component	38%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$88,700	
No Component	40%							
Exhaust Fans								
Interior	80%	Now	$411,900	2030	$1,029,800	2	$5,200	
Broken, Extent : Severe, Area Affected : 80%								
Location : Fans In Basement, Second Floor And Fifth Floor Fan Rooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Second And Fifth Floor Fan Rooms								
Explanation : New Starters Installed But Not Connected								
Roof	20%			2025	$112,600	2	$1,600	
Plumbing								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2030	$2,609,300	1		
Galvanized Steel	30%	4+	$22,200	2028	$1,111,600	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Service Valves Rusting In Basement								
Explanation : 2 Water Services								
Water Heater With Tanks								
Gas Fired	10%			2028	$1,900	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Capacity Unknown								
No Component	90%							
HW Heat Exchanger								
Steam Fired	100%			2050	* *	4	$26,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Pool Filter/Treatment								
Sand	100%			2043	* *	4		
Sewage Ejector(s)								
Electric	100%	Now	$45,600	2035	* *	4	$10,500	
Broken, Extent : Severe, Area Affected : 100%								
Location : Clogged And Malfunctioning In Basement								
Backflow Preventer								
No Component	98%							
Generic	2%			2035	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : For Boilers Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor And Basement To Street								
Explanation : 1 Passenger And 1 Freight								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2050	* *	1-2	$14,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JONAS BRONCK ACADEMY**				
Address	: **400 EAST FORDHAM ROAD**				
Borough	: **BRONX**			**Agency's Number**	: **LEASE-X283**
Program / Asset #	: **BOE1100.000 / 14451**			**Yr Built/Renovated**	:
Area Sq Ft	: **40,123**			**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jan-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,4,5**				
Block	: **3033**	**Lot**	: **7501**	**BIN**	: **2116415**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$81,600
Total		**$81,600**
Importance Code B		$81,600
Total		**$81,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Interior Architecture	$37,900	$10,100	$4,500	$4,900
Electrical	$2,700	$2,400	$44,200	$3,100
Mechanical	$59,300	$12,000	$21,000	$12,000
Total	**$99,900**	**$24,500**	**$69,700**	**$19,900**
Importance Code A			$100	
Importance Code B	$99,900	$17,300	$69,600	$19,900
Importance Code C		$7,100		
Total	**$99,900**	**$24,500**	**$69,700**	**$19,900**

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DEPARTMENT OF EDUCATION - 040
JONAS BRONCK ACADEMY
Asset # : 14451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,600	
Ceramic Tile	10%			2040	* *	5	$6,000	
Quarry Tile	10%			2044	* *	5	$9,000	
Sheet Vinyl/Rubber	10%			2036	* *	5	$9,000	
Vinyl Tile	65%			2036	* *	3	$19,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby, Fourth And Fifth Floors								
Explanation : The School Occupies Leased Space								
Interior Walls								
Ceramic Tile	20%			2040	* *	5	$14,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$2,900	
Gypsum Board	70%			LIFE	* *	5	$30,000	
Ceilings								
AcousTileSusp.Lay-In	95%			2044	* *	5	$57,100	
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5		
Molded Case Bkrs	95%			2047	* *	5	$1,000	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2044	* *	5	$100	
Variable Frequency Drive	50%			2044	* *			
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$12,300	
Lighting								

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DEPARTMENT OF EDUCATION - 040
JONAS BRONCK ACADEMY
Asset # : 14451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$35,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2036	* *	10	$1,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallways								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$4,800	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	5%			2036	* *	10		
No Component	95%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	100%	Now	$15,100	2036	* *	1	$22,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 4th And 5th Floors								
Explanation : Building Management System Malfunctioning								
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2036	* *	1	$24,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 4th And 5th Floors								
Explanation : Building Management System Malfunctioning								
Ventilation								

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DEPARTMENT OF EDUCATION - 040
JONAS BRONCK ACADEMY
Asset # : 14451

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$35,200	LIFE	* *	2-5	$22,400	
Unbalanced System, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exhaust Fans								
Interior	100%			2036	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 6th Floor								
Explanation : 2 Units - Service Provided By Building Owner								
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Generic	100%			2051	* *	1-2	$11,200	
Fire Pump								
Not Accessible	100%							
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **JULIA RICHMAN EDU. COMPLEX - M**		
Address	: **317 E. 67 STREET @SECOND AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M480**
Program / Asset #	: **BOE0130.000 / 1623**	**Yr Built/Renovated**	: **1924 / 2005**
Area Sq Ft	: **287,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5,Ph**		
Block	: **1442** **Lot** : **1**	**BIN**	: **1083343**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,103,600	$834,500
Interior Architecture	$7,850,000	$6,003,700
Electrical		$7,270,700
Mechanical	$7,239,300	$10,112,800
Site Enclosure	$990,000	
Site Pavements	$168,300	
Total	**$17,351,200**	**$24,221,700**
Importance Code A	$1,103,600	$834,500
Importance Code B	$10,462,300	$23,199,000
Importance Code C	$5,785,200	$188,300
Total	**$17,351,200**	**$24,221,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$170,800			
Interior Architecture	$94,700		$9,200	$36,300
Electrical	$64,300	$26,800	$29,600	$33,000
Mechanical	$103,800	$50,000	$62,300	$53,800
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$451,400**	**$94,500**	**$118,900**	**$140,800**
Importance Code A	$170,800		$8,500	
Importance Code B	$276,200	$94,500	$106,000	$140,800
Importance Code C	$4,400		$4,400	
Total	**$451,400**	**$94,500**	**$118,900**	**$140,800**

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DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$137,200	
Cast Stone/Terra Cotta	5%	Now	$54,600	LIFE	* *	5	$107,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Second Avenue, North								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Second Avenue, North								
Masonry: Brick	88%			LIFE	* *	5	$482,800	
Masonry: Brick	2%	Now	$45,200	LIFE	* *	5	$5,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Above Southeast Entry								
Windows								
Aluminum	100%	0-2	$198,700	2041	* *	5	$20,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Throughout								
Parapets								
Masonry: Brick	90%	4+	$46,700	LIFE	* *	5	$18,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : E 67th Street Facade								
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$12,500	
Pre-Cast Concrete	5%	Now	$50,000	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Southwest Roof								
Roof								
Built-Up (BUR)	15%	Now	$17,800	2033	$355,900			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Lower Roofs								
Metal Panel	15%			2038	* *	10	$55,900	
Modified Bitumen	20%			2038	* *	10	$40,700	
Paver: Asphalt	45%	Now	$254,700	2036	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Roof Drains Throughout								
Skylight, Metal/Glass	5%	Now	$285,700	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Elevator Machine Room, 2nd Avenue								
Interior								

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DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$42,800	2029	$427,700	3	$36,300	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Library Stairs								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Basement And Library								
Cast in Place Concrete	20%			LIFE	* *	5	$423,200	
Ceramic Tile	5%	0-2	$681,700	2036	* *	5	$12,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Panel/Paver: Cer/Brk	10%			2041	* *	5	$108,800	
Quarry Tile	5%			2038	* *	5	$36,300	
Terrazzo	5%	Now	$452,100	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Front Lobby Stairs And Throughout								
Vinyl Tile	5%	Now	$267,200	2033	$668,000	3	$9,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen And Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	35%			2033	$4,675,900	3	$84,600	
Wood	10%	2-4	$288,400	2048	* *	5	$45,300	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Gymnasiums								

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DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	9%	Now	$596,400	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Basement At Steam Pipe								
Ceramic Tile	1%			2036	* *	5	$8,700	
Fabric on Framing	2%			2034	* *	5	$8,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Media Room 506								
Explanation : Location Noted								
Folding Partition	2%	Now	$1,207,000	2041	* *	5	$21,800	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Masonry: Brick	10%	0-2	$830,000	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium 2nd Floor								
Marble Panels	4%	Now	$1,230,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Plaster	72%	Now	$763,400	LIFE	* *	5	$188,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Theatre, Library, And Gallery								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Library								

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DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$48,400	
AcousTileConcealSpLn	10%	0-2	$77,800	2038	* *	5	$30,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 100								
AcousTileSusp.Lay-In	2%			2046	* *	5	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Media Room 506								
Explanation : Location Noted								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$30,200	
Metal Panel	5%	Now	$160,200	LIFE	* *	5	$30,200	
Loose Units, Extent : Moderate, Area Affected : 30%								
Location : Kitchen, Tiles Falling								
Plaster	8%	Now	$147,100	LIFE	* *	5	$24,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Auditorium And Gallery								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Plaster	60%	Now	$882,500	LIFE	* *	5	$181,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Fifth Floor Classrooms, Back Of Stage								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Fifth Floor Classrooms, Back Of Stage, Library								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	2-4	$990,000	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	95%	0-2	$168,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stairs Throughout								
Masonry: Granite	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 2,000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$650,200	5	$1,200	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2041	* *	5	$1,000	
Fused Knife Sw	20%			2032	$127,700	5	$1,300	
Fused Toggle Switch	5%			2032	$31,900	5	$300	
Molded Case Bkrs	60%			2041	* *	5	$4,500	
Wiring								
Braided Cloth	40%			2032	$359,400	1		
Thermoplastic	60%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$1,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$3,850,400	10	$236,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%	Now	$21,400	2033	$42,800			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Incandescent	5%			2028	$397,600	2	$300	
LED	4%	Now	$6,400	2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Fixtures Are Not Operational								
Egress Lighting								
Emergency, Service	10%			2033	$17,700	1		
Emergency, Battery	40%			2033	$192,700	10	$27,700	
Exit, Battery	50%			2038	* *	10	$9,700	
Exterior Lighting								
HID	10%			2028	$133,900	10	$100	
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$538,800	1	$107,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$740,300	1-3	$182,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2036	* *	5	$17,000	
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$50,700	
Steam Piping/Pump	65%	Now	$74,700	2033	$1,493,900			
Corroded, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pumps Are Corroded And Leaking								
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Above The 3rd Floor Gym								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Piping Steam And Condensate								
Steam Piping/Pump	15%			2053	* *			
Terminal Devices								
Air Handler	20%	Now	$21,600	2028	$1,080,200	1	$32,000	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Coil Leaks At Gym Unit								
Convector/Radiator	80%	Now	$93,900	2031	$1,877,500	1	$66,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 20 Percent Of Thermostats Are Defective. Room 233 Radiator Valve Defective Quantity 1.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Equipment Is Beyond Useful Life Cycle								
Controls								
Pneumatic	100%			2027	$5,546,700			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	10%	Now	$453,900	2038	* *	2	$1,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Media Room								
Split Unit	5%			2033	$340,800			
Window/Wall Unit	75%			2028	$815,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$177,400	
No Component	30%							
Exhaust Fans								
Interior	60%	Now	$763,700	2043	* *	2	$4,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Fan Rooms, Penthouse And Basement								
Interior	39%			2028	$496,400	2	$3,400	
Roof	1%	Now	$5,600	2043	* *	2	$100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 2 Units On The Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$184,300	2033	$3,686,000	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 50%								
Location : Basement - Main And New Building. 2 Units, 1 Pump Is Missing On Each Unit.								
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : In Water Riser Between Basement And Kitchen On The 5th Floor,								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HW Heat Exchanger								
Steam Fired	100%			2053	* *	4	$42,600	
Sanitary Piping								
Cast Iron	100%	Now	$72,300	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Kitchen Pipe								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2033	$57,500	4	$9,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Pool Filter/Treatment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : All The Equipment For The Pool Is Under Construction.								
Backflow Preventer								
Generic	100%			2038	* *	1	$17,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units From Basement To 5th Floor; 1 Unit From Basement To 6th Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2043	* *	1-2	$16,100	
Chemical System								
Generic	100%			2028	$265,200	1-3	$262,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 65 Square Foot Area Of Hood With Fire Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **LA GUARDIA H.S. PERFORM. ARTS -M**		
Address	: **100 AMSTERDAM AVE @ W.65 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M485**
Program / Asset #	: **BOE0131.000 / 1624**	**Yr Built/Renovated**	: **1984 / 2015**
Area Sq Ft	: **485,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5,6,7,8,9,Mez**		
Block	: **1156** **Lot** : **30**	**BIN**	: **1030341**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,396,200	$2,053,500
Interior Architecture	$6,710,000	$10,188,400
Electrical	$398,100	$6,551,100
Mechanical	$9,315,500	$36,418,900
Total	**$18,819,700**	**$55,211,900**
Importance Code A	$2,396,200	$2,499,600
Importance Code B	$14,325,400	$52,354,600
Importance Code C	$2,098,000	$357,700
Total	**$18,819,700**	**$55,211,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,500			
Interior Architecture	$45,900		$30,600	$57,700
Electrical	$107,300	$79,000	$92,800	$86,200
Mechanical	$209,300	$162,600	$295,300	$194,300
Elevators/Escalators	$73,500	$73,500	$73,500	$73,500
Total	**$469,400**	**$315,100**	**$492,200**	**$411,700**
Importance Code A	$47,900			
Importance Code B	$375,700	$315,100	$461,600	$411,700
Importance Code C	$45,900		$30,600	
Total	**$469,400**	**$315,100**	**$492,200**	**$411,700**

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DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$346,900	
Masonry: Brick	5%	Now	$103,500	LIFE	* *	5	$17,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : South Facade								
Metal Panel	5%	Now	$115,000	2043	* *	5	$32,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Facade Of Penthouse								
Pre-Cast Concrete	75%			LIFE	* *	5	$1,690,900	
Window Wall	5%			2043	* *	5	$65,000	
Windows								
Aluminum	97%	Now	$1,080,800	2041	* *	5	$56,700	
Weather Strip Missing, Extent : Moderate, Area Affected : 30%								
Location : Throughout Stairwells								
Metal Louvers	3%	Now	$9,700	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : East Side Of Penthouse								
Parapets								
Concrete Masonry Unit	10%			LIFE	* *	5-10	$12,400	
Metal Panel	15%			2043	* *	5	$13,100	
Metal Rail	20%			2038	* *	5-10	$81,400	
Pre-Cast Concrete	55%			LIFE	* *	5	$156,000	
Roof								
Built-Up (BUR)	85%			2033	$828,900	10	$71,000	
Cast in Place Concrete	10%			LIFE	* *	10	$13,900	
Modified Bitumen	5%			2033	$45,700	10	$4,200	
Soffits								
Pre-Cast Concrete	75%			LIFE	* *	5		
Stucco Cement	25%			2038	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$269,200	
Ceramic Tile	5%			2042	* *	5	$30,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Toilet Rooms								
Quarry Tile	5%			2038	* *	5	$46,100	
Terrazzo	10%	Now	$115,100	LIFE	* *	5	$48,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Through Stairs								
Vinyl Tile	55%	Now	$2,804,700	2033	$9,348,900	3	$126,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 30%								
Location : Throughout								
Wood	15%			2048	* *	5	$173,100	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$61,100	
Concrete Masonry Unit	35%			LIFE	* *	5	$342,400	
Folding Partition	5%			2041	* *	5	$152,900	
Gypsum Board	15%			LIFE	* *	5-10	$311,800	
Masonry: Brick	5%			LIFE	* *	10	$18,300	
Metal Panel	5%			LIFE	* *	10	$27,500	
SGFT/Glazed Masonry	30%	Now	$1,648,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs A, B, And D.								
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Throughout Stairwells								
Ceilings								
AcousTileConcealSpLn	33%	Now	$925,200	2038	* *	5	$119,800	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Library								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Library								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
AcousTileSusp.Lay-In	2%	Now	$193,100	2053	* *	5	$5,800	
Loose/Miss Fasteners, Extent : Severe, Area Affected : 100%								
Location : Catwalk Above Little Flower Theatre.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Catwalk Above Little Flower Theatre.								
Explanation : This Actually Vertically Applied Tectum Panels.								
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$435,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$58,100	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Replacement Evident								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Replacement Evident								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$154,200	5	$2,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere, Three 2,000 Ampere, One 2,500 Ampere And Five 1,200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2031	$26,700	5	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 750 Kilovolt-ampere, Two 1,000 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$975,300	5	$2,100	
Raceway								
Conduit	100%			2033	$1,011,400	1		
Panelboards								
Fused Disc Sw	10%			2032	$97,800	5	$1,100	
Molded Case Bkrs	90%			2032	$880,100	5	$11,500	
Wiring								
Thermoplastic	100%			2033	$1,347,700	1		
Motor Controllers								
Locally Mounted	30%			2031	$163,300	5	$1,000	
Motor Control Center	65%			2031	$1,417,800	5	$8,600	
Variable Frequency Drive	5%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$14,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$149,200	
Generators								
Diesel	100%			2029	$138,700	1	$187,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 175 Kilowatts								

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DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$18,000	
Fuel Storage								
Day Tank	30%			2032	$7,700	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room 9th Floor								
Explanation : 90 Gallons								
Main Tank	70%			2036	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$355,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$8,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	2%			2043	* *			
LED	16%			2041	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Corridor, Mezzanine, Gymnasium								
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, Service	5%			2038	* *	1		
Exit, Service	10%			2038	* *	1		
Exit, Battery	25%	2-4	$171,800	2043	* *			
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throught Building								
Exterior Lighting								
HID	10%	Now	$226,300	2043	* *			
Not in Service, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : The Outdoor Lighting System Is Not Operational								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$181,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Camera, Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	10%	0-2	$12,500	2043	* *	1-3	$27,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Theater And Concert Hall								
Explanation : Fire Alarm Panel In The Theater And Concert Hall Are Obsolete And Are Not Connected To The Newer Fire Alarm System In The Building.								
Generic, Digital	90%			2038	* *	1-3	$269,000	

Mechanical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2029	$292,000	5	$28,800	
Distribution								
Hot Wtr Piping/Pump	60%			2041	* *	4	$21,500	
Steam Piping/Pump	40%	Now	$155,400	2033	$1,553,500			
Broken, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump In The Basement								
Corroded, Extent : Moderate, Area Affected : 70%								
Location : Piping In Mechanical Rooms								
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Mechanical Rooms								
Terminal Devices								
Air Handler	40%	Now	$365,100	2033	$3,650,800	1	$108,000	
Broken, Extent : Severe, Area Affected : 10%								
Location : Air Handler No. 8								
Corroded, Extent : Severe, Area Affected : 80%								
Location : Heaitng Coils In The Air Handling Units								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Heating Coils In Multiple Air Handling Units								
Fan Coil Unit/Heat	60%	0-2	$721,500	2033	$7,214,900	1	$84,600	
Corroded, Extent : Moderate, Area Affected : 80%								
Location : Heaitng Coils								
Damaged, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Controls								
Digital	50%			2031	$6,964,700			
Pneumatic	50%	2-4	$2,343,300	2031	$4,686,700			
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Control Valves Throughout And Tubing And Local Controls								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : Units Run On Manual Controls								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	30%	Now	$296,700	2036	* *	1	$141,700	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Ninth Floor								
Explanation : Pneumatic Control Valve Is Malfunctioning								
Centrifugal, Elec Chiller	30%	Now	$2,966,600	2048	* *	1	$141,700	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : 9th Floor Mechanical Room								
Centrifugal, Elec Chiller	30%			2036	* *	1	$157,500	
Split Unit	10%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%	0-2	$78,400	2043	* *	4	$23,900	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Mechanical Rooms								
Terminal Devices								
Air Handler/Cool/Ht	100%	0-2	$470,500	2033	$9,410,700	1	$269,900	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Cooling Coils								
Heat Rejection								
Water Cooling Tower	100%			2034	* *	2	$488,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$428,200	
Exhaust Fans								
Interior	80%			2033	$1,720,800	2	$11,900	
Roof	20%			2033	$188,200	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Antiquated, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Galvanized Steel	80%			2038	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	Now	$234,500	2043	* *	4	$48,000	
Leak Evident, Extent : Light, Area Affected : 20%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$611,000	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Cafeteria Sink Sanitary Line								
Storm Drain Piping								
Cast Iron	100%	0-2	$855,200	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	0-2	$97,100	2043	* *	4	$10,200	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Malfunctions Often In Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From 1st To 8th Floor, 1 Unit From Basement To 9th Floor								
Explanation : 2 Units, One Is Under Repair								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 80%								
Location : 1st To 7th Floor								
Explanation : 16 Units, Sensors Often Cause Shutdowns								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$244,500	
Sprinkler								
No Component	85%							
Generic	15%			2053	* *	1-2	$20,400	
Fire Pump								
Generic	100%			2042	* *	1	$90,600	
Chemical System								
Generic	100%	Now	$24,500	2033	$489,600	1-3	$413,500	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : 5th Floor Kitchen System Outdated								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Kitchen								
Explanation : 120 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **LAFAYETTE HIGH SCHOOL - BK**		
Address	: **2630 BENSON AVE. @ BAY 43 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K400**
Program / Asset #	: **BOE0621.000 / 1232**	**Yr Built/Renovated**	: **1939 / 2008**
Area Sq Ft	: **275,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **6883** **Lot** : **1**	**BIN**	: **3186454**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$358,500	$101,400
Interior Architecture	$15,041,600	$425,100
Electrical	$685,300	$2,379,800
Mechanical	$2,902,600	$6,224,100
Site Pavements	$189,800	
Total	**$19,177,800**	**$9,130,400**
Importance Code A	$358,500	$204,200
Importance Code B	$18,759,700	$8,854,700
Importance Code C	$59,600	$71,500
Total	**$19,177,800**	**$9,130,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$48,500		
Interior Architecture	$50,500	$14,200		$16,200
Electrical	$60,800	$43,400	$40,600	$79,000
Mechanical	$80,400	$43,200	$60,600	$42,100
Site Enclosure	$38,000			
Site Pavements	$29,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$263,200**	**$153,200**	**$105,100**	**$141,300**
Importance Code A	$26,800	$75,300	$26,800	$27,400
Importance Code B	$125,900	$73,800	$78,300	$113,900
Importance Code C	$110,500	$4,100		
Total	**$263,200**	**$153,200**	**$105,100**	**$141,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Bronze/Brass	2%			LIFE	* *			
Glass Block	2%			LIFE	* *	5	$1,900	
Masonry: Brick	66%			LIFE	* *	5	$101,400	
Masonry: Granite	5%			LIFE	* *	5	$5,800	
Masonry: Limestone	25%			LIFE	* *	5	$28,800	
Windows								
Aluminum	70%	Now	$108,500	2040	* *	5	$22,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows Single Pane Glass								
Explanation : Thermally Inefficieint								
Aluminum	20%	Now	$35,700	2040	* *	5	$6,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Metal Louvers	10%			2045	* *	10	$40,700	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$12,100	
Masonry: Limestone	10%			LIFE	* *	5	$1,800	
Metal Rail	5%			2045	* *	5-10	$12,900	
Roof								
Built-Up (BUR)	70%			2037	* *	10	$117,000	
Metal Panel	20%	0-2	$97,300	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At 4th Floor Gymnasium, Throughout Penthouse, Above Principal Office								
Plaza Roof: Stone Panels	10%			2052	* *			
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$44,300	
Mosaic Tile	5%	0-2	$95,100	2037	* *	5	$25,300	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Upper Floor Bathrooms								
Sheet Vinyl/Rubber	2%			2037	* *	5	$12,200	
Vinyl Tile	20%			2037	* *	3	$30,400	
Vinyl Tile 9" X 9"	20%	Now	$286,200	2027	$14,311,200	3	$30,400	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Library And Auditorium Floors								
Wood	48%			2047	* *	5	$364,900	

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DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	0-2	$13,600	2035	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Upper Floor Bathrooms								
Ceramic Tile	2%			2045	* *	5	$8,200	
Masonry: Brick	5%			LIFE	* *			
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Marble Panels	2%			LIFE	* *			
Plaster	58%			LIFE	* *	5	$71,500	
SGFT/Glazed Masonry	5%	2-4	$36,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 7%								
Location : Cafeteria, Basement Corridors, Bay 43rd Street Exit								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Cafeteria, Basement Corridors, Bay 43rd Street Exit								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	20%			LIFE	* *	5	$10,700	
Plaster	80%	Now	$166,600	LIFE	* *	5	$171,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement, Cafeteria, Weight Room And Library								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Gymnasium And Penthouse								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$11,000	2052	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : By Field House								
Impact Damage, Extent : Light, Area Affected : 10%								
Location : At Parking Lot								
Iron Picket	50%	Now	$11,900	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 35%								
Location : At Footings, Hinges And Uprights At Ll Permiter Fencing								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Entry Gates On Bay 43rd Street And Benson Avenue								
Free Standing Walls								
Cast in Place Concrete	100%	Now	$7,500	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Base Of Fence At Bay 43rd Street And Benson Avenue								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Base Of Fence At Bay 43rd Street And Benson Avenue, Concrete Platform Adjacent To Play Field								

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DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$7,600	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bay 43rd Street Stairs								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$130,200	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Benson Avenue Sidewalk Flags								
Tripping Hazard, Extent : Severe, Area Affected : 20%								
Location : Planters Along Bay 43rd Street And Benson Avenue Abandoned And Without Protective Barriers								
On-Site Walkways								
Cast in Place Concrete	50%			2037	* *			
Masonry: Granite	50%	Now	$29,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Entry Stairs At Bay 43rd Street Closer To Play Field								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Entry Stairs At Bay 43rd Street Closer To Play Field								
Parking/Driveway								
Asphalt	40%	Now	$59,600	2035	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 20%								
Location : Entrance To Parking Lot And At Fieldhouse								
Cast in Place Concrete	60%			2045	* *			
Activity Yard								
Asphalt	40%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sports Field								
Explanation : This Component Actually Astroturf								
Cast in Place Concrete	30%			2045	* *			
Rubber Matting	30%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$102,800	5	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1600 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$650,200	5	$1,200	
Raceway								
Conduit	85%			2032	$573,100	1		
Conduit	15%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$300	
Fused Knife Sw	2%	2-4	$12,800	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Molded Case Bkrs	83%			2031	$530,100	5	$6,000	
Molded Case Bkrs	10%			2048	* *	5	$700	
Wiring								
Braided Cloth	50%	2-4	$449,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	35%			2032	$314,500	1		
Thermoplastic	15%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2045	* *	5	$1,300	
Variable Frequency Drive	30%			2045	* *			
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$4,000	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Valve Room								
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$84,600	
Generators								
Natural Gas	100%			2045	* *	1	$106,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Rating Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$10,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$236,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	$80,800	10	$5,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fan Rooms								
Explanation : Compact Fluorescent Lamps								
LED	3%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$32,700	
Exit, Service	50%			2037	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2032	$128,300	10	$100	
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$30,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$169,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$268,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	76%			2052	* *			
Steam Piping/Pump	24%	Now	$10,400	2052	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2032	$1,019,500	1	$33,500	
Convector/Radiator	60%			2030	$1,329,000	1	$52,500	
On Extended Life, Extent : Light, Area Affected : 60%								
Location : Throughout								
Fan Coil Unit/Heat	20%			2027	$1,343,200	1	$17,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	75%	0-2	$15,400	2030	$769,600	1		
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$237,900	LIFE	* *	2-5	$151,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Flex Connection Has Leaks								
Exhaust Fans								
Interior	100%	0-2	$120,100	2027	$1,201,400	2	$6,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$1,729,000	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
HW Heat Exchanger								
Steam Fired	100%			2032	$1,309,800	4	$40,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$8,700	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$16,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$3,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	95%							
Generic	5%			2027	$4,100	1-3	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **LAFAYETTE HIGH SCHOOL - BK FIELDHOUSE**
Address : **2630 BENSON AVENUE @ BAY 43 ST.**
Borough : **BROOKLYN**
Agency's Number : **K400**
Program / Asset # : **BOE0621.010 / 13431**
Yr Built/Renovated : **1939 / 2004**
Area Sq Ft : **5,000**
Project Type : **EDUCATION**
Date of Survey : **05-Mar-2021**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **6883** **Lot** : **1** **BIN** : **3186454**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$172,900	
Electrical		$71,700
Total	**$172,900**	**$71,700**
Importance Code A	$172,900	
Importance Code B		$71,700
Total	**$172,900**	**$71,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$5,200		$15,800
Interior Architecture	$79,700			
Electrical	$12,900	$300	$300	$6,200
Mechanical	$9,600	$300	$1,100	$32,900
Site Pavements	$2,600			
Total	**$104,800**	**$5,800**	**$1,400**	**$54,900**
Importance Code A	$4,700	$5,500	$200	$31,600
Importance Code B	$55,300	$300	$1,200	$23,300
Importance Code C	$44,800			
Total	**$104,800**	**$5,800**	**$1,400**	**$54,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 13431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$3,500	
Masonry: Brick Cavity	90%			LIFE	* *	5	$12,600	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Exterior Walls								
Metal Coiling Doors	5%			2045	* *	5	$2,200	
Windows								
Metal Louvers	100%			2035	* *	10	$4,100	
Roof								
Modified Bitumen	100%			2027	$172,900	10	$15,800	
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$17,400	
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	* *	5	$11,700	
Mosaic Tile	20%	4+	$37,500	2037	* *	5	$1,700	
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Showers								
Interior Walls								
Ceramic Tile	20%	4+	$42,200	2035	* *	5	$1,900	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Showers								
Concrete Masonry Unit	80%			LIFE	* *	5	$6,100	
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5	$1,100	
Site Pavements								
On-Site Walkways								
Asphalt	80%	Now	$2,600	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Around Field House								
Cast in Place Concrete	20%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	50%			2031	$15,000	5	$100	
Molded Case Bkrs	50%			2031	$15,000	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 13431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	100%			2037	* *	10	$1,200	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$12,900	2042	* *	1-3	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Fire Alarm System. Alarm Bells, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2042	* *	1		
Conversion Equipment								
Furnace	100%	Now	$4,700	2027	$15,600	1	$2,200	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Garage								
Explanation : Modine Gas Fire Unit Heater In Garage Is Not Working								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$2,800	
Terminal Devices								
Fan Coil Unit/Heat	10%			2032	$12,400	1	$200	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 13431

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	2-4	$4,900	2042	* *	2	$100	
On Extended Life, Extent : Light, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$31,900	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 4 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2040	* *	1	$300	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **LEON M. GOLDSTEIN H.S. - BK**				
Address	: **1830 SHORE BLVD. @ KINGSBOROUGH CAMPUS**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K535**
Program / Asset #	: **BOE1024.000 / 13466**			**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **142,352**			**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jul-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4**				
Block	: **8760**	**Lot**	: **60**	**BIN**	: **3326938**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,879,500	$85,000
Interior Architecture	$296,300	$176,800
Electrical	$121,400	
Mechanical		$2,301,800
Site Pavements	$57,000	$1,139,400
Total	**$2,354,200**	**$3,703,000**
Importance Code A	$1,879,500	$85,000
Importance Code B	$273,300	$2,478,600
Importance Code C	$201,400	$1,139,400
Total	**$2,354,200**	**$3,703,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,300	$1,500		
Interior Architecture	$27,900			$20,000
Electrical	$22,100	$30,700	$11,500	$11,500
Mechanical	$37,100	$50,800	$75,700	$31,900
Site Pavements	$51,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$183,300**	**$90,900**	**$95,100**	**$71,200**
Importance Code A	$43,400	$8,900	$7,000	$7,000
Importance Code B	$79,600	$82,000	$88,100	$64,200
Importance Code C	$60,400			
Total	**$183,300**	**$90,900**	**$95,100**	**$71,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	2-4	$6,000	LIFE	* *	5	$25,000	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Columns Along Main Entrance								
Masonry: Brick Cavity	85%			LIFE	* *	5	$85,000	
Window Wall	10%	Now	$30,400	2050	* *	5	$18,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Main Lobby Above Entrance Doors								
Windows								
Aluminum	90%	Now	$1,751,800	2046	* *	5	$30,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Classrooms Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : At Window Lintels Throughout								
Glass Block	5%			LIFE	* *	5	$2,100	
Metal Louvers	5%			2039	* *	10	$21,300	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$9,500	
Metal Panel	5%			2050	* *	5	$3,100	
Metal Rail	25%			2043	* *	5-10	$71,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,000	
Roof								
Built-Up (BUR)	98%	Now	$127,700	2035	* *			
Blisters, Extent : Moderate, Area Affected : 45%								
Location : Lower Roof On West Side								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Lower Roof At West Roof Drain								
Copper/Terne	2%			2058	* *	10	$5,600	
Soffits								
Cast in Place Concrete	20%			LIFE	* *	5		
Stucco Cement	80%			2043	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,300	
Ceramic Tile	5%	Now	$12,000	2039	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Thoughout								
Quarry Tile	2%			2043	* *	5	$6,400	
Terrazzo	5%			LIFE	* *	5	$8,300	
Vinyl Tile	75%	Now	$88,300	2035	* *	3	$59,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout 3rd And 4th Floor Corridors								
Wood	8%	Now	$63,500	2058	* *	5	$16,000	
Deteriorated Finish, Extent : Light, Area Affected : 90%								
Location : Throughout Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$8,500	2039	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Toilets Throughout								
Concrete Masonry Unit	50%	0-2	$144,500	LIFE	* *	5	$30,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Glass Block	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$9,200	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	83%			2043	* *	5	$176,800	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Gymnasium At Old Leaks								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%	Now	$7,500	LIFE	* *	5	$26,600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Library Ceiling								
Metal Panel	2%			LIFE	* *	5	$5,300	
Site Enclosure								
Fence/Gates								
Aluminum Rail	100%			2043	* *	5-10		
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	60%			2043	* *			
Masonry: Granite	5%	Now	$18,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance And Throughout								
Pavers/Stone	35%	Now	$57,000	2033	$1,139,400			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Main Entrance And Throughout								
Parking/Driveway								
Asphalt	100%	4+	$33,400	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2043	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 750 Kilovolt-ampere And One 112.5 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$300	
Molded Case Bkrs	90%			2038	* *	5	$3,400	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2035	* *	5	$200	
Motor Control Center	80%			2043	* *	5	$3,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	

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DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$43,800	
Generators								
Diesel	100%			2039	* *	1	$55,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 350 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$31,700	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 100 Gallons								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room 1st Floor								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	93%			2035	* *	10	$121,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%	4+	$10,600	2035	* *			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Gymnasium								
HID	2%			2035	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2035	* *	1		
Exit, Service	40%			2035	* *	1		
Exterior Lighting								
HID	20%			2035	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$1,200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$16,000	

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DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : From Kingsborough College Central Plant								
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%			2039	* *	1	$70,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2038	* *	4	$7,000	
Terminal Devices								
Air Handler	60%			2030	$1,607,300	1	$52,800	
Convector/Radiator	35%			2043	* *	1	$16,100	
Unit Heater - Hot Water	5%			2035	* *			
Air Conditioning								
Energy Source								
District Chilled Water	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : From Kingsborough College Central Plant								
Conversion Equipment								
Split Unit	10%			2035	* *			
No Component	90%							
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2040	* *	4	$5,300	
Ductwork/Diffusers	50%			LIFE	* *	2	$92,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$276,200	1	$88,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,400	
Exhaust Fans								
Interior	40%			2030	$252,500	2	$1,700	
Roof	60%			2030	$165,700	2	$2,600	
Plumbing								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Triplex Booster Pumps								
HW Heat Exchanger								
HTHW/HW	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechancal Room								
Explanation : Hi-temp Instantaneous/ No Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$8,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$71,800	
Sprinkler								
Generic	100%			2050	* *	1-2	$39,900	
Fire Pump								
Generic	100%			2039	* *	1	$26,600	
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **LIBERTY HIGH SCHOOL - M**		
Address	: **250 WEST 18 ST. @ 8TH AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M451**
Program / Asset #	: **BOE0986.000 / 4158**	**Yr Built/Renovated**	: **1903 / 1994**
Area Sq Ft	: **38,785**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **767** **Lot** : **68**	**BIN**	: **1013858**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$209,700
Interior Architecture		$70,900
Electrical		$963,200
Mechanical		$1,408,400
Total		**$2,652,100**
Importance Code A		$209,700
Importance Code B		$2,371,600
Importance Code C		$70,900
Total		**$2,652,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$6,600	$4,900	
Interior Architecture	$91,500	$22,800	$6,200	$1,500
Electrical	$12,800	$7,000	$5,300	$6,000
Mechanical	$18,600	$11,700	$20,600	$12,900
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$132,800**	**$58,000**	**$46,900**	**$30,300**
Importance Code A	$3,800	$10,500	$8,800	$3,800
Importance Code B	$97,100	$47,500	$38,100	$26,400
Importance Code C	$31,800			
Total	**$132,800**	**$58,000**	**$46,900**	**$30,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LIBERTY HIGH SCHOOL - M
Asset # : 4158

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$34,900	
Masonry: Brick	40%			LIFE	* *	5	$27,900	
Masonry: Brick Cavity	25%			LIFE	* *	5	$17,500	
Metal Panel	5%			2050	* *	5-10	$24,000	
Stucco Cement	20%			2043	* *	5	$34,900	
Windows								
Aluminum	100%			2046	* *	5	$9,900	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$4,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$2,800	
Roof								
Built-Up (BUR)	100%			2030	$209,700	10	$18,000	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Upper Roof								
Interior								
Floors								
Carpet	5%	Now	$51,300	2032	$51,300	3	$4,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Library								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Library								
Ceramic Tile	5%			2039	* *	5	$2,900	
Quarry Tile	5%			2043	* *	5	$4,400	
Vinyl Tile	85%			2035	* *	3	$18,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	$7,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Gypsum Board	80%			LIFE	* *	5	$70,900	
Masonry: Brick	5%	Now	$28,100	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Gas And Pump Room								
Ceilings								
AcousTileSusp.Lay-In	80%			2035	* *	5	$45,500	
Plaster	20%	Now	$6,900	LIFE	* *	5	$7,100	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Classroom 520								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Classroom 520								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LIBERTY HIGH SCHOOL - M
Asset # : 4158

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : There Is A 2,000 Ampere Main Disconnect Switch Which Is In Satisfactory Condition.								
Fused Disc Sw	30%			2040	* *	5	$100	
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$200	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$100	
Molded Case Bkrs	90%			2038	* *	5	$900	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$11,900	
Generators								
Diesel	100%			2033	$138,700	1	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : The Generator Set Size Is 150 Kilowatt. It Is In Good Condition.								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$8,600	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Tank Capacity Is 550 Gallons. It Is In Good Condition.								
Lighting								
Interior Lighting								
Fluorescent	94%			2030	$543,500	10	$33,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fixtures Are T-8 Lamps Type. They Are In Satisfactory Condition.								
Fluorescent	4%			2035	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Stairway								
HID	2%			2030	$9,200	10		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
LIBERTY HIGH SCHOOL - M
Asset # : 4158

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	60%			2030	$14,300	1		
Exit, Service	40%			2030	$6,700	1		
Exterior Lighting								
HID	100%			2030	$181,000	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$4,400	
Fire/Smoke Detection								
Generic, Analog	100%			2030	$100,000	1-3	$24,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 15,000 Gallon Tank For No.2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$38,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers With Heat Exchangers For Hot Water Coils								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	60%			2035	* *	1	$14,400	
Convector/Radiator	40%			2043	* *	1	$5,000	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	95%			2030	$543,600	1	$17,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers In Penthouse								
Split Unit	5%			2035	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2040	* *	4	$2,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$752,600	1	$24,000	

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DEPARTMENT OF EDUCATION - 040
LIBERTY HIGH SCHOOL - M
Asset # : 4158

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$112,300	2	$27,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$21,600	
Exhaust Fans								
Interior	60%			2035	* *	2	$700	
Roof	40%			2035	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement / Triplex Pumps								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 80 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$800	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$1,500	
Backflow Preventer								
No Component	30%							
Generic	70%			2035	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement And Penthouse Mechanical Room								
Explanation : On Spinkler Service And Cold Water Make Up								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$10,900	
Fire Pump								
Generic	100%			2033	$37,000	1	$7,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **LONG ISLAND CITY HIGH SCHOOL - Q**		
Address	: **14-30 BROADWAY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q450**
Program / Asset #	: **BOE0990.000 / 4473**	**Yr Built/Renovated**	: **1995 / 2009**
Area Sq Ft	: **300,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6,Ph**		
Block	: **529** **Lot** : **2**	**BIN**	: **4467709**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,361,000	$311,400
Interior Architecture	$1,267,700	$5,255,800
Electrical		$6,358,200
Mechanical	$81,600	$21,013,100
Site Pavements	$239,900	
Total	**$4,950,300**	**$32,938,600**
Importance Code A	$3,361,000	$311,400
Importance Code B	$1,168,500	$27,649,400
Importance Code C	$420,700	$4,977,700
Total	**$4,950,300**	**$32,938,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$12,300		
Interior Architecture	$420,800	$42,100	$48,200	$11,200
Electrical	$54,600	$47,700	$41,000	$46,600
Mechanical	$241,000	$164,700	$224,000	$125,000
Site Pavements	$49,700			
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$783,900**	**$284,500**	**$331,000**	**$200,600**
Importance Code A	$29,700	$42,600	$29,700	$29,700
Importance Code B	$730,800	$241,900	$289,600	$170,900
Importance Code C	$23,400		$11,700	
Total	**$783,900**	**$284,500**	**$331,000**	**$200,600**

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DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	40%	Now	$571,100	LIFE	* *	5	$131,100	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : North Facade And Mechanical Penthouse								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : North Facade And Mechanical Penthouse								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 35%								
Location : North Facade								
Masonry: Brick Cavity	55%			LIFE	* *	5	$180,300	
Granite Panels	3%			LIFE	* *	5	$7,400	
Window Wall	2%			2050	* *	5	$24,600	
Windows								
Aluminum	90%	Now	$1,115,900	2046	* *	5	$39,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Glass Block	8%			LIFE	* *	5	$4,300	
Metal Louvers	2%			2039	* *	10	$10,800	
Parapets								
Concrete Masonry Unit	20%			LIFE	* *	5	$5,700	
Masonry: Brick Cavity	75%	Now	$190,300	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,900	
Roof								
IRMA/Protected Membrane	100%	0-2	$1,483,800	2040	* *			
Insul Deter/Miss, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 2%								
Location : Main Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Art Rooms 613, 619, 675,674,648, Corridor And Staircase A								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$397,400	2032	$397,400	3	$33,700	
Worn/Eroded, Extent : Severe, Area Affected : 90%								
Location : Library								
Cast in Place Concrete	10%	Now	$191,100	LIFE	* *	5	$98,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Pool Deck								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Water Meter Room B44, Room B55 And Filter Room B49								
Explanation : Ground Water Penetration								
Mosaic Tile	5%			2043	* *	5	$56,200	
Quarry Tile	5%			2043	* *	5	$33,700	
Vinyl Tile	65%			2035	* *	3	$109,500	
Wood	10%			2065	* *	5	$84,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	$46,800	
Concrete Masonry Unit	50%			LIFE	* *	5	$187,200	
Fabric on Framing	5%			2031	$4,734,300	5	$23,400	
Gypsum Board	10%			LIFE	* *	5	$56,200	
SGFT/Glazed Masonry	25%	Now	$420,700	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 2%								
Location : Pool Area Near Windows								
Ceilings								
AcousTileSusp.Lay-In	10%	2-4	$74,700	2043	* *	5	$22,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rooms 613, 615								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Rooms 613, 615								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 613, 617, 619, 715								
AcousTileSusp.Lay-In	40%			2043	* *	5	$179,800	
Exposed Struc: Concrete	10%	2-4	$134,700	LIFE	* *	5	$7,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms B53 And B55								
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	25%			2035	* *			
Metal Panel	5%	Now	$446,500	LIFE	* *	5	$28,100	
Bent/Warped Elements, Extent : Severe, Area Affected : 80%								
Location : Kitchen And Room 648								
Deformed/Dented, Extent : Severe, Area Affected : 60%								
Location : Kitchen And Room 648								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 30%								
Location : Kitchen								

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DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$49,700	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Tree Pits And Various Sidewalk Locations								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Tree Pits								
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	95%	0-2	$183,000	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Play Yard								
Rubber Matting	5%	Now	$56,900	2040	* *			
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes And 1,200 Amperes								
Transformers								
Dry Type	100%			2035	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kilovolt-ampere, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Six Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$700	
Molded Case Bkrs	90%			2038	* *	5	$7,100	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Motor Control Center	98%			2035	* *	5	$8,000	
Variable Frequency Drive	2%			2035	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$92,300	
Generators								
Diesel	100%			2033	$138,700	1	$116,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : Emergency Generator Rated At 800 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$11,100	
Fuel Storage								
Day Tank	15%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 75 Gallons Rated Capacity								
Main Tank	85%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 500 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$4,382,600	10	$269,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2030	$44,700	10	$2,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library								
HID	1%			2030	$35,500	10	$100	
Egress Lighting								
Emergency, Service	50%			2030	$92,400	1		
Exit, Service	50%			2030	$64,700	1		
Exterior Lighting								
HID	30%			2030	$419,900	10	$300	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2045	* *	5	$1,600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$169,000	1	$33,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2030	$773,800	1-3	$190,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$297,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 3 Units, 2 Heat Converters To Produce Hot Water For Radiators And Fan Coil Units Throughout The Building								
Distribution								
Hot Wtr Piping/Pump	70%			2038	* *	4	$10,400	
Steam Piping/Pump	30%			2040	* *			
Terminal Devices								
Air Handler	50%			2030	$2,822,800	1	$92,800	
Convector/Radiator	5%			2035	* *	1	$4,800	
Fan Coil Unit/Heat	45%			2030	$3,347,100	1	$43,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	20%	0-2	$24,500	2033	$1,223,400	1	$58,400	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Penthouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units Of 650 Tons Each - Refrigerant Hcfc - 123								
Centrifugal, Elec Chiller	80%			2033	$4,893,400	1	$259,700	

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DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2040	* *	4	$22,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$5,821,100	1	$185,500	
Heat Rejection								
Water Cooling Tower	60%	0-2	$45,500	2028	$909,200	2	$144,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Water Cooling Tower	40%			2028	$606,100	2	$120,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$167,300	
Exhaust Fans								
Interior	90%			2030	$1,197,500	2	$8,300	
Roof	10%			2030	$58,200	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 3 Units, 1 Reserve Electrical Unit								
Sanitary Piping								
Cast Iron	10%	0-2	$7,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Room B53								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	5%	0-2	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Roof, One Drain Is Clogged								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$60,100	4	$6,300	
Pool Filter/Treatment								
Sand	100%	0-2	$11,000	2050	* *	4	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Pump Room								
Explanation : 2 Obsolete Units								
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$11,900	
Backflow Preventer								
Generic	100%			2035	* *	1	$18,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Passenger Units From 1st To 6th Floor, One Freight Unit From Basement To Penthouse								
Explanation : 3 Units - Two Passenger, One Freight								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$151,300	
Sprinkler								
Generic	100%			2050	* *	1-2	$84,000	
Fire Pump								
Generic	100%			2039	* *	1	$56,000	
Chemical System								
Generic	100%			2025	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Sets								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **LOUIS D. BRANDEIS HIGH SCHOOL -M**		
Address	: **145 W. 84 ST BTWN: AMSTERDAM AV - COLUMBUS AV**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M470**
Program / Asset #	: **BOE0128.000 / 699**	**Yr Built/Renovated**	: **1965 / 2005**
Area Sq Ft	: **259,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Nov-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1215** **Lot** : **1**	**BIN**	: **1032128**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$372,400	$2,186,200
Interior Architecture	$2,102,700	$6,185,500
Electrical	$2,288,200	$2,725,500
Mechanical	$5,833,800	$9,523,300
Total	**$10,597,100**	**$20,620,500**
Importance Code A	$823,900	$4,495,100
Importance Code B	$8,986,100	$16,056,000
Importance Code C	$787,100	$69,400
Total	**$10,597,100**	**$20,620,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$34,400	$47,300
Interior Architecture	$79,200			$34,400
Electrical	$3,300	$5,600	$4,200	$2,900
Mechanical	$38,600	$53,900	$107,900	$74,200
Site Pavements	$31,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$156,800**	**$63,400**	**$150,400**	**$162,800**
Importance Code A		$25,700	$60,300	$73,200
Importance Code B	$121,800	$37,800	$90,100	$89,500
Importance Code C	$35,000			
Total	**$156,800**	**$63,400**	**$150,400**	**$162,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$334,400	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : All Facades								
Masonry: Brick	70%			LIFE	* *	5	$187,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : All Facades								
Metal Panel	5%			2051	* *	5-10	$92,000	
Windows								
Aluminum	100%			2047	* *	5	$94,600	
Parapets								
Metal Panel	5%			2051	* *	5	$4,700	
Metal Rail	90%			2044	* *	5-10	$391,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,600	
Roof								
Built-Up (BUR)	55%	Now	$72,200	2031	$1,444,000			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Upper Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : At Bulkhead Stairs								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Rooftop								
Explanation : Solar Panels								
Copper/Terne	5%			2059	* *	10	$28,100	
Paver: Asphalt	40%	Now	$62,600	2034	* *			
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Court Yard								
Misaligned/Bulging, Extent : Light, Area Affected : 15%								
Location : Courtyard Pavers								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Courtyard								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Courtyard								
Explanation : Slow Drain Causing Water To Enter Door And Damage 1st Floor								
Soffits								
Cement - Fiber Panel	100%			2036	* *	10	$7,000	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$21,200	
Quarry Tile	10%	Now	$62,300	2036	* *	5	$31,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Lobby, Kitchen								
Terrazzo	10%	0-2	$396,100	LIFE	* *	5	$33,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairwells And Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	50%	Now	$117,000	2031	$5,851,400	3	$79,400	
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	15%	Now	$560,800	2041	* *	3	$23,800	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Basement, 4th Floor Stair Landing								
Wood	10%	Now	$50,500	2046	* *	5	$39,700	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium At Drinking Fountain								
Interior Walls								
Concrete Masonry Unit	18%			LIFE	* *	5	$30,300	
Folding Partition	5%			2039	* *	5	$52,600	
Mosaic Tile	22%	Now	$674,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Basement Toilet, Cafeteria								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Basement Toilet, Cafeteria								
Plaster	55%	Now	$112,600	LIFE	* *	5	$69,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Below Courtyard Entrance								
Ceilings								
AcousTileSusp.Lay-In	20%			2044	* *	5	$84,700	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	$132,400	
Plaster	50%	Now	$128,800	LIFE	* *	5	$132,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms From Radiators Above								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%			2051	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$8,700	2044	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Main Entrance								
Explanation : Metal Nosing At Steps Loose								
Activity Yard								
Asphalt	100%	0-2	$22,900	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Tennis Court								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch. The Building Is Provided With Solar Panels Mounted On The Roof . Rectifier And Associated Equipment Are Also Mounted On The Roof .								
Fused Disc Sw	50%			2057	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	30%			2057	* *	5	$300	
Fused Disc Sw	70%			2031	$455,200	5	$800	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$600	
Molded Case Bkrs	70%			2030	$447,100	5	$4,800	
Molded Case Bkrs	20%			2053	* *	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$628,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$179,700	1		
Thermoplastic	10%			2057	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$362,900	5	$1,700	
Ground								

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DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Lighting								
Interior Lighting								
Fluorescent	90%			2039	* *	10	$213,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2039	* *	10	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lamps Fixtures.								
HID	3%			2026	$92,000	10	$300	
Incandescent	5%			2026	$358,800	2	$300	
Egress Lighting								
Emergency, Battery	50%			2031	$217,400	10	$31,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fixtures Are Going To Be Replaced With LED. LED Fixtures Are Already Stored In The Building.								
Exit, Service	50%			2031	$55,800	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fixtures Are Going To Be Replaced With LED Fixtures. Replacement Fixtures Are Stored In The Building.								
Exterior Lighting								
HID	100%			2026	$1,208,500	10	$800	
Alarm								
Security System								
No Component	90%							
Generic	10%			2031	$48,600	1	$9,700	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2031	$66,800	1-3	$16,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	80%			2031	$481,800	5	$64,200	
Solar Panels	20%			2051	* *	2	$3,200	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$451,500	2029	$2,257,500	1	$230,900	1
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : 1 Boiler With Leaky Tubes								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units On Extended Life								
Distribution								
Steam Piping/Pump	100%	Now	$103,700	2031	$2,074,000			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Pumps In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Boiler Room								
Terminal Devices								
Air Handler	40%			2031	$1,949,600	1	$64,100	
Convector/Radiator	60%			2036	* *	1	$50,200	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2026	$1,910,500	1	$60,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-22 Refrigerant								
Split Unit	2%			2031	$123,000			
Window/Wall Unit	48%			2026	$471,000	1		
Distribution								
CW & CHW Wtr Pipe/Pump	75%			2031	$314,100	4	$9,600	
No Component	25%							
Terminal Devices								
Air Handler/Cool/Ht	50%	Now	$251,300	2026	$2,512,800	1	$72,100	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Air Handling Unit No 2 At Roof.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Units								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$144,400	
Exhaust Fans								
Interior	70%			2031	$804,100	2	$5,600	
Roof	30%			2031	$150,800	2	$2,400	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$1,252,400	4	$25,600	
Sanitary Piping								
Cast Iron	100%	4+	$65,300	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Grease Trap Overflows								
Storm Drain Piping								
Cast Iron	100%	4+	$18,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Area Drains At 2nd Floor Courtyard								
Sump Pump(s)								
Non-Submersible	100%			2031	$51,900	4	$5,500	
Sewage Ejector(s)								
Electric	50%			2026	$67,800	4	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Electric	50%			2036	* *	4	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Room B15 In Basement								
Explanation : 2 Units								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$3,600	
Chemical System								
Dry	2%			2026	$1,600	1-3	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : Canister Extinguisher								
No Component	98%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **M. S. 51 - BK**		
Address	: **350 5TH AVENUE BTWN: 5 ST., 4 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K051**
Program / Asset #	: **BOE0380.000 / 2516**	**Yr Built/Renovated**	: **1951 / 2007**
Area Sq Ft	: **113,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **988** **Lot** : **11**	**BIN**	: **3021392**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$473,900	$189,500
Interior Architecture	$1,390,100	$60,100
Electrical	$273,500	$2,662,800
Mechanical	$100,200	$3,960,300
Total	**$2,237,700**	**$6,872,700**
Importance Code A	$473,900	$1,174,400
Importance Code B	$1,438,600	$5,698,300
Importance Code C	$325,200	
Total	**$2,237,700**	**$6,872,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,100		$8,700	
Interior Architecture	$148,400	$16,700	$4,300	$10,300
Electrical	$12,700	$10,600	$12,300	$12,700
Mechanical	$55,700	$24,000	$27,900	$16,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$245,800**	**$55,200**	**$57,100**	**$43,900**
Importance Code A	$36,300	$11,200	$19,900	$11,200
Importance Code B	$161,600	$44,000	$32,900	$32,700
Importance Code C	$47,900		$4,300	
Total	**$245,800**	**$55,200**	**$57,100**	**$43,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$109,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Masonry: Limestone	5%			LIFE	* *	5	$4,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Windows								
Aluminum	90%	Now	$181,400	2049	* *	5	$9,500	
Hardware Missing, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Steel	10%	Now	$158,900	2058	* *	5	$13,200	
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$92,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Sidewalk Shed Below, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Masonry: Limestone	10%			LIFE	* *	5-10	$19,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Metal Rail	5%			2046	* *	5-10	$14,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Roof								
Built-Up (BUR)	95%			2038	* *	10	$134,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Copper/Terne	3%	2-4	$5,600	2061	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	2%			2053	* *	10	$9,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$36,100	
Ceramic Tile	5%			2042	* *	5	$8,200	
Mosaic Tile	8%	2-4	$61,900	2038	* *	5	$16,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%	2-4	$77,100	LIFE	* *	5	$6,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Vinyl Tile	10%	Now	$45,600	2043	* *	3	$6,200	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Front Of Elevator								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Auditorium								
Vinyl Tile 9" X 9"	20%	Now	$582,300	2043	* *	3	$12,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	42%			2043	* *	3	$26,000	
Wood	5%	0-2	$24,600	2061	* *	5	$7,700	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Offices								
Interior Walls								
Ceramic Tile	5%	Now	$23,800	2036	* *	5	$4,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And 3rd Floor Bathroom								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Bathroom								
Concrete Masonry Unit	5%			LIFE	* *	5	$6,900	
Folding Partition	2%			2041	* *	5	$8,700	
Glazed Ceramic Panel	5%			LIFE	* *	10	$7,800	
Masonry: Brick	3%			LIFE	* *	10	$1,600	
Plaster	55%	Now	$231,800	LIFE	* *	5	$28,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	12%	Now	$93,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridors And Stairs								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Corridors And Stairs								
SGFT/Glazed Masonry	13%			LIFE	* *	10	$11,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2050	* *	5	$16,000	
Exposed Struc: Concrete	3%	2-4	$144,100	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Sidewalk Vault								
Exposed Struc: Concrete	7%			LIFE	* *	5-10	$14,000	
Metal Panel	20%	Now	$53,100	LIFE	* *	5	$40,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								
Plaster	60%	Now	$146,300	LIFE	* *	5	$60,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Sidewalk Shed Installed								
Iron Picket	55%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Sidewalk Shed Installed								
Masonry: Brick	5%			2043	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Sidewalk Shed Installed								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Sidewalk Shed Installed								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed Installed								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : Sidewalk Shed Installed And Construction Staging Area								

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DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$500	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$300	
Molded Case Bkrs	90%			2041	* *	5	$2,700	
Wiring								
Braided Cloth	80%	2-4	$273,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$600	
Locally Mounted	20%			2038	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$1,617,100	10	$99,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	$33,700	10	$2,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Compact Fluorescent Lights								
LED	2%			2038	* *			
Egress Lighting								
Exit, Service	50%			2033	$24,400	1		
Exit, Battery	50%			2033	$80,000	10	$3,800	
Exterior Lighting								
LED	30%			2033	$181,700			
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$212,100	1	$42,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$291,500	1-3	$71,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$262,800	5	$35,000	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : 2 Tanks Of 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2031	$984,900	1	$111,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	$904,900			
Terminal Devices								
Air Handler	20%			2038	* *	1	$14,000	
Convector/Radiator	80%			2031	$739,200	1	$29,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2038	* *	1	$5,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One Unit. Refrigerant Type 407c								
Window/Wall Unit	70%			2028	$299,700	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2053	* *	4	$800	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2038	* *	1	$7,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Serves Auditorium Only								
No Component	90%							

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DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$7,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,800	
Exhaust Fans								
Interior	75%			2038	* *	2	$2,600	
Interior	20%	Now	$100,200	2043	* *	2	$600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : All The Toilet Exhuast Fans In Mechanical Rooms								
Roof	5%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2043	* *	1		
Galvanized Steel	10%			2031	$144,300	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Tankless Unit. Back Up Feed To 2 Steam Heat Exchangers.								
HW Heat Exchanger								
Steam Fired	100%			2033	$546,400	4	$16,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$22,600	4	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$78,100	1-2	$1,600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **M. S. / H. S. 368 - BX**				
Address	: **2975 TIBBETT AVENUE @W. 230 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X368**
Program / Asset #	: **BOE1044.000 / 14257**			**Yr Built/Renovated**	: **2004 /**
Area Sq Ft	: **162,477**			**Project Type**	: **EDUCATION**
Date of Survey	: **23-Nov-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,Ph**				
Block	: **5716**	**Lot**	: **725**	**BIN**	: **2112838**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$252,900	$127,100
Interior Architecture	$198,700	$163,300
Electrical		$2,787,300
Mechanical	$401,200	
Site Pavements	$367,600	
Total	**$1,220,300**	**$3,077,700**
Importance Code A	$252,900	$127,100
Importance Code B	$666,300	$2,878,500
Importance Code C	$301,200	$72,200
Total	**$1,220,300**	**$3,077,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$8,500	$20,500	$11,100	$24,300
Electrical	$15,200	$38,800	$15,200	$17,600
Mechanical	$102,600	$89,500	$77,100	$108,200
Site Pavements	$12,100			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$146,400**	**$156,700**	**$111,300**	**$158,000**
Importance Code A	$36,400	$14,500	$14,500	$14,800
Importance Code B	$110,000	$142,200	$91,800	$143,200
Importance Code C			$5,000	
Total	**$146,400**	**$156,700**	**$111,300**	**$158,000**

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DEPARTMENT OF EDUCATION - 040

M. S. / H. S. 368 - BX

Asset # : 14257

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$63,800	
Glass Block	5%			LIFE	* *	5	$4,900	
Masonry: Brick Cavity	15%			LIFE	* *	5	$23,600	
Metal/Glass Curt Wall	15%			LIFE	* *	5	$44,200	
Windows								
Aluminum	98%	Now	$74,700	2048	* *	5	$15,700	
Water Penetration, Extent : Severe, Area Affected : 5% *Location : Classroom 301 And 304*								
Metal Louvers	2%			2041	* *	10	$4,000	
Parapets								
Concrete Masonry Unit	50%			LIFE	* *	5	$12,600	
Metal Rail	40%			2045	* *	5-10	$161,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$14,000	
Roof								
IRMA/Protected Membrane	100%	4+	$80,300	2037	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 2% *Location : Main Roof* *Vegetation Growth, Extent : Moderate, Area Affected : 2%* *Location : Main Roof* *Water Penetration, Extent : Severe, Area Affected : 2%* *Location : Gymnasium*								
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,600	
Ceramic Tile	5%			2041	* *	5	$12,200	
Quarry Tile	5%			2045	* *	5	$18,200	
Vinyl Tile	80%	Now	$107,500	2037	* *	3	$73,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5% *Location : Classrooms*								
Wood	5%			2060	* *	5	$22,800	
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$10,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,000	
Gypsum Board	60%			LIFE	* *	5	$72,200	
SGFT/Glazed Masonry	30%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

M. S. / H. S. 368 - BX

Asset # : 14257

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	75%			2045	* *	5	$182,400	
Exposed Struc: Concrete	8%			LIFE	* *	5	$3,000	
Exposed Struc: Steel	2%			LIFE	* *			
Gypsum Board	10%	4+	$8,500	LIFE	* *	5	$30,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Library, Cafeteria, Corridor								
Metal Panel	5%			LIFE	* *	5	$15,200	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Retaining Walls								
Cast in Place Concrete	20%			2067	* *			
Concrete Masonry Unit	80%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,100	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Near Play Yard								
On-Site Walkways								
Cast in Place Concrete	95%			2045	* *			
Pavers/Stone	5%			2045	* *			
Parking/Driveway								
Asphalt	100%	4+	$301,200	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Parking Area And Driveway								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Driveway								
Activity Yard								
Asphalt	100%	Now	$66,400	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Play Yard								
Ponding, Extent : Severe, Area Affected : 2%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

M. S. / H. S. 368 - BX

Asset # : 14257

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	10%			2042	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch For Fire Pump								
Fused Disc Sw	90%			2042	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 4000 Ampere Main Disconnect Switch For Building, Motor Controller Switch Board, Chiller Switch Board, Automatic Transfer Switch Board For Generator								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$700	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$400	
Molded Case Bkrs	90%			2040	* *	5	$3,900	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	25%			2037	* *	5	$300	
Motor Control Center	70%			2037	* *	5	$3,100	
Variable Frequency Drive	5%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$50,000	
Generators								
Diesel	100%			2035	* *	1	$62,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. 2nd Floor Roof								
Explanation : One 300 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$36,200	
Fuel Storage								
Day Tank	25%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. 2nd Floor Roof								
Explanation : One 100 Gallons								
Main Tank	75%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Tank Room								
Explanation : One 360 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040

M. S. / H. S. 368 - BX

Asset # : 14257

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2032	$2,300,900	10	$141,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2032	$72,700	10	$4,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Auditorium								
HID	2%			2032	$38,500	10	$100	
Egress Lighting								
Emergency, Service	55%			2032	$55,000	1		
Exit, Service	45%			2032	$31,500	1		
Exterior Lighting								
HID	20%			2032	$151,600	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$30,500	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	10%			2032	$30,500	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$30,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One Tank 10,000 Gallons								

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DEPARTMENT OF EDUCATION - 040

M. S. / H. S. 368 - BX

Asset # : 14257

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Plate & Frame	20%			2041	* *	1	$16,100	
Steam Boiler	40%			2045	* *	1	$64,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Main Floor								
Explanation : 2 Units								
Steam Boiler	40%	0-2	$28,300	2045	* *	1	$57,900	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Pressure Relief Valve On Make Up Water Line Leaking								
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Basement. One Out Of The Two Boilers Can Only Run On Gas Only								
Distribution								
Hot Wtr Piping/Pump	20%	Now	$7,100	2048	* *	4	$1,600	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Central Plant Steam Piping/Pmp	80%	Now	$73,100	2052	* *	4	$6,400	
Leak Evident, Extent : Severe, Area Affected : 80%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	80%	Now	$122,300	2037	* *	1	$72,300	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Control System. Building Management Systems Malfunctioning								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Fresh Air Louver Actuator Is Not Working At The Penthouse								
Convector/Radiator	20%			2045	* *	1	$10,500	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2041	* *	1	$158,200	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Chillers								
Ext Pkg Unit - Heating/Cooling	10%			2037	* *	2	$1,000	
Distribution								
CW & CHW Wtr Pipe/Pump	90%			2052	* *	4	$10,800	
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. / H. S. 368 - BX

Asset # : 14257

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$63,100	2037	* *	1	$90,400	
Unbalanced System, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Duct								
Explanation : Valves Need To Be Replaced								
Heat Rejection								
Dry Cooler	100%			2037	* *	2	$113,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$142,700	LIFE	* *	2-5	$90,600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Fire Damper Actuators Malfunctioning								
Explanation : Duct								
Exhaust Fans								
Interior	30%	0-2	$21,600	2037	* *	2	$1,200	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Exhaust Fan Return Broken Belt								
Roof	70%			2037	* *	2	$3,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Installed About 4 Years Ago								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$5,100	
Backflow Preventer								
Generic	100%			2037	* *	1	$10,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd, 1st To Penthouse								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$81,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. / H. S. 368 - BX

Asset # : 14257

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$45,500	
Fire Pump								
Generic	100%			2041	* *	1	$30,300	
Chemical System								
Wet	10%			2030	$8,200	1-3	$9,300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Ansul-102							
No Component	70%							
Generic	20%			2030	$16,300	1-3	$16,200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **M. S. 52 - BX**
Address : **681 KELLY STREET BTWN: AVE ST.JOHN - LEGGETT AVE.**
Borough : **BRONX** | **Agency's Number** : **X052**
Program / Asset # : **BOE0194.000 / 702** | **Yr Built/Renovated** : **1915 / 1998**
Area Sq Ft : **137,000** | **Project Type** : **EDUCATION**
Date of Survey : **04-Mar-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **2686** **Lot** : **20** **BIN** : **2005133**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$209,700	$312,600
Interior Architecture	$1,122,900	$2,489,800
Electrical	$711,300	$938,900
Mechanical	$448,200	$1,541,200
Site Pavements	$67,300	
Total	**$2,559,400**	**$5,282,500**
Importance Code A	$269,400	$364,000
Importance Code B	$1,854,300	$4,850,800
Importance Code C	$435,700	$67,700
Total	**$2,559,400**	**$5,282,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$16,600	$14,800
Interior Architecture	$29,000	$10,300	$15,400	$6,400
Electrical	$3,300	$4,200	$50,400	$3,300
Mechanical	$22,700	$25,400	$62,700	$25,400
Site Enclosure	$9,200			
Site Pavements	$37,800			
Total	**$102,000**	**$39,800**	**$145,200**	**$49,800**
Importance Code A		$13,600	$30,500	$28,300
Importance Code B	$92,800	$26,300	$114,700	$21,500
Importance Code C	$9,200			
Total	**$102,000**	**$39,800**	**$145,200**	**$49,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	$209,700	LIFE	* *	5	$127,300	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Facades At 2nd And 4th Floor Leggett Avenue								
Masonry: Brick Cavity	30%			LIFE	* *	5	$58,800	
Masonry: Limestone	5%			LIFE	* *	5	$7,300	
Windows								
Aluminum	100%			2047	* *	5	$29,500	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$17,700	
Metal Rail	5%			2048	* *	5-10	$18,800	
Metal Security Bars	5%			2059	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	
Roof								
Copper/Terne	5%			2066	* *	10	$16,600	
Modified Bitumen	95%			2039	* *	10	$126,500	
Interior								
Floors								
Mosaic Tile	3%	0-2	$29,000	2036	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$3,200	
Vinyl Tile	40%			2031	$2,274,100	3	$30,900	
Vinyl Tile	25%	Now	$426,400	2041	* *	3	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 5th Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Corridors								
Wood	30%			2046	* *	5	$115,800	
Interior Walls								
Ceramic Tile	10%	Now	$435,700	2034	* *	5	$19,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout Restrooms								
Loose/Delam Surface, Extent : Moderate, Area Affected : 40%								
Location : Throughout Restrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$15,800	
Marble Panels	3%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$41,600	
Plaster	22%			LIFE	* *	5	$26,100	
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$30,900	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%	0-2	$80,300	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Metal Panel	3%	Now	$122,700	LIFE	* *	5	$7,700	
Deformed/Dented, Extent : Severe, Area Affected : 60%								
Location : Cafeteria								
Loose Units, Extent : Severe, Area Affected : 20%								
Location : Cafeteria								
Metal Panel	2%			LIFE	* *	5	$5,100	
Plaster	70%			LIFE	* *	5	$90,000	
Site Enclosure								
Fence/Gates								
Chain Link	75%	4+	$9,200	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Leggett Avenue								
Iron Picket	25%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	50%			2051	* *			
Masonry: Brick	50%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$67,300	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	100%	0-2	$37,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	30%			2051	* *	5	$200	
Molded Case Bkrs	70%			2031	$204,800	5	$2,500	
Raceway								
Conduit	95%			2031	$274,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Molded Case Bkrs	10%			2047	* *	5	$400	
Molded Case Bkrs	80%			2030	$239,500	5	$2,900	
Wiring								
Braided Cloth	80%	2-4	$319,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2031	$59,900	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2029	$108,900	5	$600	
Variable Frequency Drive	40%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$123,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$115,000	10	$16,500	
Exit, Service	50%			2026	$29,500	1		
Exterior Lighting								
HID	20%			2026	$127,900	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2026	$25,700	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Some Classrooms And Mechanical Room								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2051	* *	5	$42,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$59,700	2036	* *	1	$122,100	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Feed Water Tank Abandoned								
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Boilers								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : No.1 Burner								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$77,000	2041	* *	4	$6,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Vacuum And Condensate Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2036	* *	1	$16,900	
Convector/Radiator	75%			2029	$840,200	1	$33,200	
Convector/Radiator	5%	Now	$1,100	2036	* *	1	$2,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Steam Line On 1st Floor Radiator								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Distribution Frame Room								
Explanation : Serving Main Distribution Frame Room								
Window/Wall Unit	60%			2026	$311,400	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,400	
Exhaust Fans								
Interior	70%			2039	* *	2	$2,900	
Roof	30%			2039	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2029	$524,700	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 250 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$11,000	2036	* *	4	$2,900	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room. Defective Sump Pump Float Switch								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Condensate Pump								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$94,700	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MABEL D. BACON HIGH SCHOOL - M**		
Address	: **127 E. 22 ST. @LEXINGTON AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M660**
Program / Asset #	: **BOE0149.000 / 2609**	**Yr Built/Renovated**	: **1918 / 2011**
Area Sq Ft	: **81,480**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jan-2020**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,8,9,10**		
Block	: **878** **Lot** : **16**	**BIN**	: **1018014**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,043,600	$922,700
Interior Architecture	$3,784,900	
Electrical	$656,000	$2,202,800
Mechanical	$554,900	$2,835,600
Total	**$7,039,500**	**$5,961,000**
Importance Code A	$2,043,600	$922,700
Importance Code B	$4,995,900	$5,038,400
Total	**$7,039,500**	**$5,961,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,600		$25,600	
Interior Architecture	$94,300		$16,400	$199,700
Electrical	$3,000	$3,100	$19,500	$2,700
Mechanical	$27,300	$18,900	$67,300	$17,300
Elevators/Escalators	$21,700	$21,700	$21,700	$21,700
Total	**$166,800**	**$43,700**	**$150,500**	**$241,500**
Importance Code A	$28,600	$8,100	$33,900	$8,100
Importance Code B	$104,100	$35,600	$116,700	$233,400
Importance Code C	$34,100			
Total	**$166,800**	**$43,700**	**$150,500**	**$241,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	47%	2-4	$1,480,000	LIFE	* *		5	$530,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Various Locations									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%									
Location : Various Locations - Decorative Elements									
Staining/Discoloring, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Copper/Terne	5%			2066	* *		10	$16,900	
Masonry: Brick	45%			LIFE	* *		5	$65,000	
Masonry: Marble	3%			LIFE	* *		5	$3,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%									
Location : All Facades									
Windows									
Metal Clad	25%	Now	$442,600	2056	* *		5	$25,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Unit Inoperable, Extent : Moderate, Area Affected : 50%									
Location : Various Locations, West Facade									
Wood	50%			2039	* *		5	$161,400	
Wood	25%			2039	* *		5	$80,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%									
Location : Gymnasium									
Other Observation, Extent : Light, Area Affected : 10%									
Location : Gymnasium And Throughout									
Explanation : Protective Metal Grilles And Curved Top Sash Windows									
Parapets									
Cast Stone/Terra Cotta	20%			LIFE	* *		5	$4,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%									
Location : Main Roof									
Masonry: Brick	65%			LIFE	* *		5	$1,700	
Painted Surfaces, Extent : Light, Area Affected : 50%									
Location : Main Roof									
Metal Rail	10%			2036	* *		5-10	$4,800	
Pre-Cast Concrete	5%			LIFE	* *		5	$800	
Roof									
Built-Up (BUR)	70%	4+	$20,600	2031		$205,800			
Debris Present, Extent : Moderate, Area Affected : 50%									
Location : Remnants Of Roof Garden									
Vegetation Growth, Extent : Moderate, Area Affected : 10%									
Location : Main Roof									
Copper/Terne	5%			2059	* *		10	$2,900	
Modified Bitumen	25%			2036	* *		10	$5,800	
Interior									

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DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2027	$189,600	3	$19,600	
Cast in Place Concrete	10%			LIFE	* *	5	$21,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Drain Lines Back Up - Flooding In Basement Subsurface Water Pressure								
Ceramic Tile	3%			2034	* *	5	$2,900	
Quarry Tile	3%			2044	* *	5	$4,400	
Terrazzo	7%			LIFE	* *	5	$5,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, 2nd And 3rd Floor Lobbies								
Vinyl Tile	42%			2036	* *	3	$20,600	
Vinyl Tile 9" X 9"	20%			2026	$3,784,900	3	$7,300	
Wood	5%			2046	* *	5	$9,200	
Interior Walls								
Ceramic Tile	8%			2034	* *	5	$11,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Gypsum Board	10%			LIFE	* *	5	$8,200	
Masonry: Brick	5%	Now	$28,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room In Basement								
Marble Panels	7%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$20,600	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2036	* *	5	$18,700	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Metal Panel	5%			LIFE	* *	5	$6,200	
Plaster	70%	Now	$46,600	LIFE	* *	5	$43,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2036	* *			
Pavers/Stone	20%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$44,600	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Swith								
Fused Disc Sw	10%			2031	$5,000	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$199,400	5	$300	
Fused Disc Sw	20%			2041	* *	5	$100	
Raceway								
Conduit	95%			2031	$209,900	1		
Conduit	5%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$26,200	5	$200	
Molded Case Bkrs	85%			2030	$223,000	5	$1,800	
Molded Case Bkrs	5%			2053	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$239,600	2056	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	5%			2057	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$104,600	5	$400	
Locally Mounted	20%			2036	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	99%			2031	$1,317,000	10	$74,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	1%			2031	$24,700	2		
Egress Lighting								
Emergency, Battery	50%			2031	$74,900	10	$9,800	
Exit, Service	50%			2031	$19,200	1		
Exterior Lighting								
HID	100%			2026	$416,400	10	$200	
Alarm								

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DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	90%							
Generic	10%			2026	$16,800	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Basement CCTV Camera Not Working								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2036	* *	1-3	$20,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$80,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%	Now	$11,400	2031	$571,700			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : 1 Of 2 Vacuum Pumps In Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room								
Steam Piping/Pump	20%			2041	* *			
Terminal Devices								
Convector/Radiator	100%			2029	$729,700	1	$26,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2031	$211,900			
Window/Wall Unit	80%			2026	$270,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$13,600	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%	Now	$197,900	2041	* *	2	$1,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : In Ceiling Of Each Floor Lobby, Multiple Mechanical And Or Electrical Defects.								
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : In Ceiling Of Each Floor Lobby								
Roof	50%	Now	$86,600	2041	* *	2	$1,000	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : Units On The Roof Used To Bring In Fresh Air To The Building								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	80%			2029	$911,400	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2026	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2026	$17,900	4	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
Generic	100%			2036	* *	1	$5,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 11th Floor, 1 Unit From Basement To 10th Floor								
Explanation : 2 Units								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2031	$410,900	1-5	$41,100	
Sprinkler								
Generic	100%			2041	* *	1-2	$22,800	
Fire Pump								
Generic	100%			2034	* *	1	$15,200	
Chemical System								
No Component	99%							
Generic	1%			2026	$900	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**MANH COMP NIGHT AND DAY H.S. - M**			
Address	:	**240 2ND AVENUE @E. 15 STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M661**
Program / Asset #	:	**BOE0150.000 / 518**	**Yr Built/Renovated**	:	**1904 / 2008**
Area Sq Ft	:	**46,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**19-Dec-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3,4,5,6**			
Block	:	**921** **Lot** : **64**	**BIN**	:	**1020416**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$709,300	$177,500
Interior Architecture	$4,548,300	$1,448,600
Electrical	$73,900	$213,000
Mechanical	$341,200	$1,555,300
Total	**$5,672,700**	**$3,394,300**
Importance Code A	$709,300	$177,500
Importance Code B	$4,524,000	$3,138,100
Importance Code C	$439,400	$78,700
Total	**$5,672,700**	**$3,394,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,700		$29,500	$6,300
Interior Architecture	$121,100		$3,700	$225,300
Electrical	$49,900	$7,700	$43,500	$4,400
Mechanical	$54,200	$3,800	$66,600	$6,100
Site Enclosure	$39,300			
Site Pavements	$62,300	$800	$800	$18,900
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$391,500**	**$18,200**	**$150,000**	**$266,800**
Importance Code A	$60,200	$300	$51,400	$6,600
Importance Code B	$226,500	$17,100	$97,800	$241,300
Importance Code C	$104,800	$800	$800	$18,900
Total	**$391,500**	**$18,200**	**$150,000**	**$266,800**

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	$413,000	LIFE	* *	5	$100,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 2nd, 3rd, 5th Floor And Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 2nd, 3rd, 5th Floor And Throughout								
Masonry: Granite	5%	Now	$60,800	LIFE	* *	5	$5,800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout 1st Floor								
Masonry: Limestone	20%	Now	$182,300	LIFE	* *	5	$23,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : West Side At South Corner								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout 1st Floor								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout 1st Floor								
Metal Panel	10%			2051	* *	5-10	$106,100	
Windows								
Aluminum	85%			2047	* *	5	$12,500	
Wood	15%	Now	$53,300	2056	* *	5	$11,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : First Floor								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Parapets								
Masonry: Brick	60%	Now	$8,200	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 5th Floor Roof								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout 5th Floor Roof								
Masonry: Limestone	5%	Now	$1,700	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout 5th Floor Roof								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout 5th Floor Roof								
Metal Panel	5%			2051	* *	5	$1,000	
Metal Rail	25%			2044	* *	5-10	$24,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,700	

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	80%	Now	$31,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 605, 610 And Other Areas Throughout								
IRMA/Protected Membrane	15%	2-4	$2,400	2036	* *			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : West Side Of 5th Floor Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor Roof								
Explanation : Slate Paver Over Roof								
Skylight, Metal/Glass	5%			2041	* *	10	$5,700	
Interior								

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%	Now	$42,100	2027	$210,700	3	$17,900	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Library And Basement Office								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Library And Basement Office								
Cast in Place Concrete	5%	Now	$10,100	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Sub-basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout Sub-basement								
Ceramic Tile	5%	Now	$6,700	2034	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets And Book Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets And Book Room								
Mosaic Tile	2%	Now	$11,200	2036	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby 1st Floor								
Marble Panels	5%	Now	$65,300	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Lobby Stairs Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Main Lobby Stairs Throughout								
Traffic Topping	5%			2036	* *	5	$7,400	
Vinyl Tile	40%	Now	$131,600	2031	$1,316,200	3	$17,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Classrooms Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Classrooms Throughout								
Vinyl Tile 9" X 9"	18%	Now	$75,700	2026	$3,784,200	3	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Corridors And Classrooms Throughout								
Wood	10%	0-2	$35,500	2046	* *	5	$11,200	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$62,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Sub-basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Sub-basement								
Gypsum Board	7%			LIFE	* *	5	$13,800	
Metal Panel	3%	4+	$10,200	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	Now	$57,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	80%	Now	$319,200	LIFE	* *	5	$78,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Along Northwest Corner On 4th Floor And Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Along Northwest Corner Rooms 105, 205, 305, 405, 505 And Throughout								
Ceilings								
AcousTileConcealSpLn	7%	Now	$2,400	2036	* *	5	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Corridor And Lunchroom								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Corridor And Lunchroom								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout Corridor And Lunchroom								
AcousTileSusp.Lay-In	8%	0-2	$2,900	2036	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 6th Floor Classrooms								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : 6th Floor Classrooms								
Gypsum Board	5%			LIFE	* *	5	$6,700	
Plaster	80%	Now	$52,200	LIFE	* *	5	$53,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms And Offices								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms And Offices								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	10%			2051	* *			
Iron Picket	90%	Now	$34,500	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : North And West Sides								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$4,900	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Areaways On North And West Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$2,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Side Tree Pit								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : West Side At Tree Pit								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : West Side At Tree Pit								
On-Site Walkways								
Cast in Place Concrete	30%	4+	$1,300	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Areaway And South Side								
Masonry: Granite	20%	Now	$19,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entry Stair								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entry Stair								
Metal	50%	Now	$39,800	2041	* *	1-3	$61,400	
Cracked Weld, Extent : Moderate, Area Affected : 10%								
Location : Fire Escape								
Missing Components, Extent : Moderate, Area Affected : 5%								
Location : Fire Escape								
Surface Wearing/Scaling, Extent : Moderate, Area Affected : 15%								
Location : Fire Escape								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	80%			2031	$64,800	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$7,000	5	$100	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	60%			2030	$83,800	5	$700	
Molded Case Bkrs	30%			2047	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$73,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Grounding Connection Is Rusted.								
Stand-by Power								
Transfer Switches								
Automatic	100%			2051	* *	1	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Transfer Switch Installed In 2019.								
Generators								
Diesel	100%			2040	* *	1	$17,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 125 Kilowatt								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$1,700	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$39,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	7%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Library								
Explanation : Fixtures Installed Within The Last Four Years.								
Egress Lighting								
Emergency, Service	20%			2036	* *	1		
Emergency, Service	30%	0-2	$8,500	2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Old Obsolete Lighting Fixtures.								
Exit, Service	20%			2031	$4,000	1		
Exit, Service	30%	0-2	$3,600	2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete Lighting Fixtures.								
Exterior Lighting								
HID	30%			2031	$64,400	10		
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$17,300	1	$3,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%	2-4	$23,700	2041	* *	1-3	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fire Alarm System Is Obsolete And Requires Frequent Maintenance.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	85%			2041	* *	1		
Natural Gas	15%	4+	$100	2041	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Piping In Sub-basement								
Other Observation, Extent : Light, Area Affected : 50%								
Location : 6th Floor								
Explanation : Presently Serves Kitchen Only. No Service To Combined Air Conditioning And Furnace Unit.								
Conversion Equipment								
Furnace	15%			2026	$21,500	1	$3,400	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Explanation : 1 Unit. No Gas Service. See Air Conditioning Conversion Equipment.								
Pres. Reducing Valve/LP Steam	85%			2034	* *	5	$2,300	
Distribution								
Steam Piping/Pump	85%	Now	$6,300	2031	$313,100			
Controller Not Working, Extent : Moderate, Area Affected : 80%								
Location : Faulty Heat Timer Causing Flooding Of Radiators At Various Locations.								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Condensate Pump In Basement								
No Component	15%							
Terminal Devices								
Convector/Radiator	85%	Now	$16,000	2029	$319,700	1	$11,400	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Shut-off Valves A Radiators Throughout.								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Radiators Throughout								
Explanation : Faulty Air Vents								
No Component	15%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%	Now	$11,600	2026	$115,900	2	$300	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Evaporator Coil And Compressor Leaks Reported. Roof								
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof, Air Conditioning Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units Serve 6 Floor								
Split Unit	10%			2031	$109,200			
R-134a Refrigerant, Extent : Light, Area Affected : 10%								
Location : 6 Units, Various								
Window/Wall Unit	75%			2026	$130,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$6,400	
No Component	75%							
Exhaust Fans								
Interior	10%			2026	$20,400	2	$100	
Roof	25%			2031	$22,300	2	$400	
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$590,800	1		
Water Heater With Tanks								
Electric	100%	Now	$1,900	2024	$94,600	4		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallon Unit								
HW Heat Exchanger								
Steam Fired	100%			2031	$222,400	4	$4,500	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$11,600	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 3%								
Location : Sub-basement								
Explanation : Steam Room Floods Through Con Edison Vault When It Rains.								
Storm Drain Piping								
Cast Iron	100%	Now	$3,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2026	$9,200	4	$1,000	

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DEPARTMENT OF EDUCATION - 040
MANH COMP NIGHT AND DAY H.S. - M
Asset # : 518

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Laboratory, Lavatory Fixtures And Drinking Fountain On 6th Floor								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 6th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$23,200	
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$1,300	
Fire Pump								
Generic	100%			2034	* *	1	$8,600	
Chemical System								
No Component	99%							
Generic	1%			2026	$3,300	1-3	$3,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MANH. CTR. FOR MATH AND SCI. - M**		
Address	: **260 PLEASANT AVENUE E. 116 ST. AND F.D.R. DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M435**
Program / Asset #	: **BOE0122.000 / 1644**	**Yr Built/Renovated**	: **1942 / 2008**
Area Sq Ft	: **229,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1713** **Lot** : **1**	**BIN**	: **1053152**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$149,800	$265,300
Interior Architecture	$16,792,200	$312,000
Electrical	$1,766,800	$1,230,600
Mechanical	$1,752,500	$4,216,100
Total	**$20,461,300**	**$6,023,900**
Importance Code A	$149,800	$265,300
Importance Code B	$20,126,400	$5,758,600
Importance Code C	$185,100	
Total	**$20,461,300**	**$6,023,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,700		$11,400	$37,400
Interior Architecture	$17,800	$13,600	$11,700	$7,800
Electrical	$28,700	$2,400	$80,900	$5,300
Mechanical	$91,100	$32,300	$43,100	$33,800
Site Pavements	$4,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$187,000**	**$56,200**	**$154,900**	**$92,100**
Importance Code A	$76,600	$22,700	$34,600	$60,100
Importance Code B	$105,600	$27,800	$120,300	$32,000
Importance Code C	$4,800	$5,800		
Total	**$187,000**	**$56,200**	**$154,900**	**$92,100**

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DEPARTMENT OF EDUCATION - 040
MANH. CTR. FOR MATH AND SCI. - M
Asset # : 1644

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$162,000	
Masonry: Granite	2%			LIFE	* *	5	$3,000	
Masonry: Limestone	15%			LIFE	* *	5	$22,800	
Metal Panel	3%			2041	* *	5-10	$41,800	
Windows								
Aluminum	97%			2047	* *	5	$74,800	
Metal Louvers	3%			2040	* *	10	$14,500	
Parapets								
Masonry: Brick	88%			LIFE	* *	5	$24,700	
Masonry: Limestone	10%			LIFE	* *	5	$3,500	
Metal Rail	2%			2044	* *	5-10	$10,200	
Roof								
Copper/Terne	15%	Now	$30,500	2059	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Corridor By Room 475								
IRMA/Protected Membrane	60%			2036	* *	10	$93,000	
Metal Panel	20%			2044	* *	10	$56,800	
Sloped Glazing	5%			LIFE	* *	5	$103,300	
Soffits								
Masonry: Limestone	50%			LIFE	* *	5		
Stucco Cement	50%			2036	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$68,200	
Ceramic Tile	5%			2040	* *	5	$15,600	
Terrazzo	5%			LIFE	* *	5	$12,200	
Vinyl Tile	20%			2036	* *	3	$31,200	
Vinyl Tile 9" X 9"	30%			2026	$16,519,400	3	$35,100	
Wood	30%			2046	* *	5	$175,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$11,600	
Glass Block	2%	Now	$80,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Glass Block	3%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$38,300	
SGFT/Glazed Masonry	25%	Now	$104,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								

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DEPARTMENT OF EDUCATION - 040
MANH. CTR. FOR MATH AND SCI. - M
Asset # : 1644

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$10,000	2036	* *	5	$19,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Exposed Struc: Concrete	10%			LIFE	* *	5	$4,900	
Plaster	80%			LIFE	* *	5	$156,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	75%			2051	* *			
Masonry: Brick	25%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2036	* *			
Masonry: Granite	20%	Now	$4,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : At All Exterior Entry Stairs								
Parking/Driveway								
Asphalt	40%			2034	* *			
Cast in Place Concrete	60%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 1,200 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$1,000	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$500	
Molded Case Bkrs	90%			2047	* *	5	$5,400	

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DEPARTMENT OF EDUCATION - 040
MANH. CTR. FOR MATH AND SCI. - M
Asset # : 1644

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	20%	2-4	$179,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2051	* *	1		
Thermoplastic	30%			2031	$269,500	1		
Motor Controllers								
Locally Mounted	80%			2029	$290,300	5	$1,200	
Locally Mounted	20%			2044	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$189,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2036	* *	10	$10,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby And Hallway First Floor								
Incandescent	2%			2026	$126,900	2	$100	
LED	2%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Lighting Fixtures Are In Satisfactory Condition.								
LED	1%	Now	$25,400	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Half Of The LED Fixtures In The Gymnasium Are Not Operational.								
Egress Lighting								
Emergency, Battery	50%			2026	$192,200	10	$27,600	
Exit, Service	50%			2026	$49,400	1		
Exterior Lighting								
HID	100%			2026	$1,068,500	10	$700	
Alarm								
Security System								
No Component	90%							
Generic	10%			2031	$43,000	1	$8,600	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2036	* *	1-3	$14,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040
MANH. CTR. FOR MATH AND SCI. - M
Asset # : 1644

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$39,900	2036	* *	1	$204,100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler No.1 And 3 Low Water Cut-off Alarm.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units And 1 Heat Exchanger For Basement Hot Water Heating.								
Distribution								
Hot Wtr Piping/Pump	25%			2039	* *	4	$2,800	
Steam Piping/Pump	75%			2041	* *			
Terminal Devices								
Air Handler	20%	Now	$86,200	2031	$861,900	1	$25,500	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Unit In Room B53								
Convector/Radiator	80%			2036	* *	1	$59,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	2%			2031	$108,800			
Window/Wall Unit	75%			2026	$650,600	1		
No Component	23%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$63,800	
No Component	50%							
Exhaust Fans								
Interior	100%			2026	$1,015,600	2	$7,000	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2031	$882,300	1		
Galvanized Steel	70%	4+	$40,900	2029	$2,046,400	1		
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Main Water Service Valve								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$7,300	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANH. CTR. FOR MATH AND SCI. - M
Asset # : 1644

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 4th Floor, 1 Unit From Basement To 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$316,700	1-2	$6,400	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: MANHATTAN VOC/TECHNICAL H.S. - M LIFE SCIENCES SECONDARY SCH - M		
Address	: 320 E. 96 STREET BTWN: 1 AVENUE, 2 AVENUE		
Borough	: MANHATTAN	**Agency's Number**	: M645
Program / Asset #	: BOE0147.000 / 542	**Yr Built/Renovated**	: 1905 / 1998
Area Sq Ft	: 94,000	**Project Type**	: EDUCATION
Date of Survey	: 12-Feb-2019	**Landmark Status**	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 1558 **Lot** : 34	**BIN**	: 1050338

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,501,500	$281,600
Interior Architecture	$536,200	$10,034,000
Electrical	$517,900	$421,100
Mechanical	$916,800	$768,700
Total	**$3,472,500**	**$11,505,400**
Importance Code A	$1,665,400	$281,600
Importance Code B	$1,807,100	$11,223,800
Total	**$3,472,500**	**$11,505,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$7,200		
Interior Architecture	$123,600	$10,100		$10,100
Electrical	$49,300	$49,100	$2,900	$2,100
Mechanical	$39,300	$27,200	$21,100	$14,500
Total	**$212,300**	**$93,600**	**$24,000**	**$26,700**
Importance Code A		$16,700	$9,300	$9,300
Importance Code B	$155,800	$76,800	$14,700	$17,300
Importance Code C	$56,500			
Total	**$212,300**	**$93,600**	**$24,000**	**$26,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL H.S. - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$614,200	LIFE	* *	5	$120,600	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Building Wall Corners								
Copper/Terne	2%			2065	* *	10	$7,200	
Masonry: Brick	68%			LIFE	* *	5	$105,000	
Masonry: Limestone	20%			LIFE	* *	5	$23,200	
Windows								
Aluminum	100%	Now	$428,100	2046	* *	5	$22,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	35%	Now	$328,400	LIFE	* *	5	$55,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Tall Ornamental Parapets On Main Roof								
Sidewalk Shed Below, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	55%	Now	$71,900	LIFE	* *	5	$11,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Inner Side Of Parapets On Main Roof								
Metal Rail	5%			2043	* *	5-10	$18,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	
Roof								
Copper/Terne	5%			2058	* *	10	$7,700	
Modified Bitumen	95%			2035	* *	10	$58,900	
Interior								
Floors								
Cast in Place Concrete	12%			LIFE	* *	5	$42,300	
Ceramic Tile	5%			2039	* *	5	$8,100	
Mosaic Tile	3%	Now	$22,700	2035	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2043	* *	5	$12,100	
Traffic Topping	10%			2035	* *	5	$20,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Corridors								
Explanation : This Is Actually A Fluid Applied Epoxy Resin Floor								
Vinyl Tile	15%	Now	$33,400	2035	* *	3	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Entrance Lobby								
Vinyl Tile 9" X 9"	35%			2030	$9,953,500	3	$28,200	
Wood	15%	Now	$144,200	2045	* *	5	$22,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL H.S. - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2039	* *	5	$17,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	10%	Now	$42,500	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	65%			LIFE	* *	5	$34,000	
Plaster	5%	Now	$5,300	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%			2043	* *	5	$8,100	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,800	
Plaster	80%	Now	$392,000	LIFE	* *	5	$80,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Bolted Pressure Contact Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	70%			2030	$141,200	1		
Conduit	30%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL H.S. - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	10%			2029	$24,000	5	$200	
Molded Case Bkrs	80%			2046	* *	5	$2,000	
Wiring								
Thermoplastic	80%			2050	* *	1		
Thermoplastic	20%			2030	$58,300	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	92%			2035	* *	10	$79,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : T-12 Fixtures Were Replaced With T-8 Fixtures 3 Years Ago.								
Incandescent	3%			2030	$78,100	2	$100	
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium/ Gymnasium								
Explanation : LED Fixture Installed 3 Years Ago.								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$11,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2025	$438,600	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$35,300	1	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : CCTV Surveillance Camera System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$48,500	2040	* *	1-3	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL H.S. - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$29,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 6,000 Gallon Tanks For No. 2 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%	Now	$163,900	2035	* *	1	$83,800	
Corroded, Extent : Severe, Area Affected : 40%								
Location : 3 Boilers								
Damaged, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$52,900	2040	* *	4	$4,600	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Convector/Radiator	100%	Now	$38,400	2028	$768,700	1	$27,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Explanation : Thermostats Broken								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	20%			2035	* *			
Window/Wall Unit	80%			2025	$284,900	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$60,000	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Various								
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2030	$17,100	2		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : One 900 Gallon Unit, Broken Since 2012								
Sanitary Piping								
Cast Iron	100%	Now	$355,200	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : All Floors								
Explanation : Half Of Risers Are Broken								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL H.S. - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$18,800	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2050	* *	1-2	$3,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**MARTIN LUTHER KING, JR H.S. - M**			
Address	:	**122 AMSTERDAM AVE @W. 66 STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M490**
Program / Asset #	:	**BOE0133.000 / 1625**	**Yr Built/Renovated**	:	**1974 / 1998**
Area Sq Ft	:	**403,446**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**20-Dec-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,5,Ph**			
Block	:	**1157** **Lot** : **25**	**BIN**	:	**1030343**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$377,000	$778,600
Interior Architecture	$4,196,600	$12,008,500
Electrical	$74,000	$7,441,400
Mechanical	$5,968,300	$27,983,500
Total	**$10,615,900**	**$48,212,000**
Importance Code A	$377,000	$932,800
Importance Code B	$9,767,500	$46,905,800
Importance Code C	$471,400	$373,400
Total	**$10,615,900**	**$48,212,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$85,300		$57,200	
Interior Architecture	$115,200		$43,000	$45,300
Electrical	$117,100	$65,700	$75,400	$70,800
Mechanical	$150,100	$116,700	$214,300	$105,400
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$482,400**	**$197,200**	**$404,700**	**$236,200**
Importance Code A	$90,600		$61,700	
Importance Code B	$365,600	$197,200	$343,100	$236,200
Importance Code C	$26,300			
Total	**$482,400**	**$197,200**	**$404,700**	**$236,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN LUTHER KING, JR H.S. - M
Asset # : 1625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	1%	0-2	$1,900	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Skylights On Roof								
Spalling, Extent : Light, Area Affected : 2%								
Location : Skylights On Roof								
Cast in Place Concrete	9%			LIFE	* *	5	$146,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$20,300	
Masonry: Brick	30%			LIFE	* *	5	$97,300	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : North Facade								
Metal/Glass Curt Wall	50%			LIFE	* *	5	$304,200	
Windows								
Metal Louvers	40%			2036	* *	10	$22,900	
Steel	50%			2041	* *	5	$57,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout 5th Floor Corridor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Windows Around Perimeter								
Explanation : Windows Located On 2nd Floor								
Steel	10%			2041	* *	5	$11,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 35%								
Location : Skylights On Roof								
Parapets								
Cast in Place Concrete	70%			LIFE	* *	5	$303,900	
Masonry: Brick	20%			LIFE	* *	5-10	$28,800	
Metal Panel	10%			2043	* *	5	$8,100	
Roof								
Built-Up (BUR)	55%			2041	* *	10	$188,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Panel/Paver: Cer/Brk	45%			2059	* *	10	$205,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN LUTHER KING, JR H.S. - M
Asset # : 1625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	2-4	$385,200	LIFE	* *	5	$198,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$34,000	2036	* *	5	$15,100	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Panel/Paver: Cer/Brk	5%			2041	* *	5	$67,900	
Quarry Tile	5%			2038	* *	5	$45,300	
Sheet Vinyl/Rubber	3%	Now	$59,300	2033	$1,185,200	5	$13,600	
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Auditorium								
Sheet Vinyl/Rubber	2%			2041	* *	5	$18,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Science Room And Fitness Room								
Explanation : Newly Installed Floor Finish								
Vinyl Tile	60%	Now	$2,001,800	2033	$10,009,000	3	$135,900	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Perimeter Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	5%	Now	$36,000	2048	* *	5	$28,300	
Uneven Surface, Extent : Moderate, Area Affected : 1%								
Location : Auditorium Stage								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Auditorium Stage								
Explanation : Water Damaged Floor								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$116,700	
Concrete Masonry Unit	50%			LIFE	* *	5	$373,400	
Metal Panel	40%			LIFE	* *	10	$168,000	
Wood	5%	Now	$26,300	LIFE	* *	5	$186,700	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Gymnasium								
Explanation : Inoperable Partition								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN LUTHER KING, JR H.S. - M
Asset # : 1625

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	48%	2-4	$906,300	2038	* *	5	$136,300	
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	30%			LIFE	* *	5-10	$212,900	
Fiber Board	5%			2038	* *			
Gypsum Board	15%			LIFE	* *	5-10	$292,800	
Metal Panel	2%	0-2	$18,800	LIFE	* *	5	$14,200	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	98%			2043	* *			
Iron Picket	2%			2053	* *			
Site Pavements								
Activity Yard								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Plaza								
Explanation : Recent Repairs Evident								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$154,200	5	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Service Switches, Two Rated At 2,500 And One Rated At 2,000 Amperes								
Transformers								
Dry Type	100%			2031	$26,700	5	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : 2 Kilovolt-ampere, 30 Kilovolt-ampere, 45 Kilovolt-ampere, 75 Kilovolt-ampere, 500 Kilovolt-ampere And 750 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$975,300	5	$1,700	
Raceway								
Conduit	95%			2033	$960,800	1		
Conduit	5%			2053	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN LUTHER KING, JR H.S. - M
Asset # : 1625

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	95%			2032	$929,000	5	$10,100	
Molded Case Bkrs	5%			2049	* *	5	$500	
Wiring								
Thermoplastic	90%			2033	$1,213,000	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	$326,600	5	$1,600	
Locally Mounted	40%			2046	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$11,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	50%			2031	$13,400	1	$62,100	
Automatic	50%			2046	* *	1	$62,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 600 Amperes And 30 Amperes								
Generators								
Natural Gas	100%			2029	$138,700	1	$156,200	
Batteries								
Nickel Cadmium	100%			2028	$2,500	5	$89,900	
Lighting								
Interior Lighting								
Fluorescent	20%			2028	$1,202,800	10	$74,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Fluorescent	10%			2033	$601,400	10	$37,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
HID	1%			2033	$47,800	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Mechanical Room								
Incandescent	5%			2028	$558,900	2	$500	
LED	64%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Classroms, Gymnasium And Cafeteria								
Egress Lighting								
Emergency, Service	50%			2028	$124,300	1		
Exit, Service	50%			2028	$87,000	1		

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DEPARTMENT OF EDUCATION - 040
MARTIN LUTHER KING, JR H.S. - M
Asset # : 1625

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	9%			2028	$169,400	10	$100	
LED	1%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100% *Location : Soccer Field*								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$150,700	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$248,600	

Mechanical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Conversion Equipment								
HTHW/HW Exchanger	90%	Now	$4,800	2042	* *	2	$17,800	
Leak Evident, Extent : Light, Area Affected : 5% *Location : Basement Mechanical Room*								
Pres. Reducing Valve/LP Steam	10%	Now	$500	2036	* *	5	$1,200	
Leak Evident, Extent : Severe, Area Affected : 5% *Location : Vacuum Pump In Steam Supply Room*								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$29,800	
Terminal Devices								
Air Handler	35%	Now	$53,100	2033	$2,657,300	1	$78,600	
Leak Evident, Extent : Light, Area Affected : 5% *Location : Coil For Auditorium Unit*								
Air Handler	45%			2033	$3,416,500	1	$112,300	
Fan Coil Unit/Heat	20%	Now	$400,100	2033	$2,000,600	1	$23,500	
Malfunctioning, Extent : Severe, Area Affected : 80% *Location : Units Provide Ventilation But No Heating Or Cooling Due To Disconnected Piping And Valves*								
Controls								
Pneumatic	100%			2031	$7,797,200			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040
MARTIN LUTHER KING, JR H.S. - M
Asset # : 1625

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	30%	Now	$2,467,800	2048	* *	1	$117,900	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Basement Mechaical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Chillers								
Explanation : R-11 Refrigerant								
Centrifugal, Elec Chiller	30%			2029	$2,467,800	1	$131,000	
Centrifugal, Elec Chiller	30%			2042	* *	1	$131,000	
Split Unit	10%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%	Now	$32,600	2053	* *	4	$19,900	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : 1 Of 3 Units In The Basement								
Terminal Devices								
Air Handler/Cool/Ht	100%			2033	$7,828,300	1	$249,500	
Heat Rejection								
Water Cooling Tower	100%	Now	$2,037,800	2038	* *	2	$324,800	
Broken, Extent : Severe, Area Affected : 100%								
Location : Cooling Towers Do Not Function								
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$356,200	
Exhaust Fans								
Interior	90%			2033	$1,610,400	2	$11,100	
Roof	10%			2038	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2038	* *	1		
HW Heat Exchanger								
HTHW/HW	100%			2053	* *			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$853,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Storm Drain Leaks When There Is Heavy Rain, Exact Souce Of Leak Has Not Been Determined But There Have Been Multiple Instances Of The Storm Drain Cracking And Failing								

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DEPARTMENT OF EDUCATION - 040
MARTIN LUTHER KING, JR H.S. - M
Asset # : 1625

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	50%	Now	$6,200	2028	$6,200	4	$4,300	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Submersible	50%			2027	$6,200	4	$6,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$24,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Units From Basement To 5th Floor, 1 Unit From 1st To 2nd Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$203,400	
Sprinkler								
No Component	98%							
Generic	2%	Now	$55,800	2053	* *	1-2	$2,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Auditorium Deluge System								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **MARTIN VAN BUREN HIGH SCHOOL - Q**
Address : **HILLSIDE AVE. AND 232 ST.**
Borough : **QUEENS**
Agency's Number : **Q435**
Program / Asset # : **BOE0875.000 / 197**
Yr Built/Renovated : **1954 / 2003**
Area Sq Ft : **309,811**
Project Type : **EDUCATION**
Date of Survey : **31-Jan-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7930** **Lot** : **2**
BIN : **4166101**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,044,900	$4,795,300
Interior Architecture	$46,097,900	$2,513,800
Electrical	$1,427,600	$5,968,400
Mechanical	$208,600	$13,059,600
Site Pavements	$608,100	
Total	**$50,387,100**	**$26,337,100**
Importance Code A	$2,044,900	$7,598,500
Importance Code B	$47,532,100	$18,559,100
Importance Code C	$810,100	$179,400
Total	**$50,387,100**	**$26,337,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,700		$14,100	
Interior Architecture	$62,100	$9,600		$30,900
Electrical	$27,900	$21,600	$21,600	$27,300
Mechanical	$60,600	$48,100	$167,700	$67,300
Site Enclosure	$42,800		$7,300	
Site Pavements	$23,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$225,000**	**$83,300**	**$214,700**	**$129,500**
Importance Code A	$34,400	$30,700	$45,500	$30,700
Importance Code B	$165,400	$52,600	$161,900	$98,800
Importance Code C	$25,200		$7,300	
Total	**$225,000**	**$83,300**	**$214,700**	**$129,500**

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DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%	Now	$79,800	LIFE	* *	5	$39,200	
Staining/Discoloring, Extent : Severe, Area Affected : 100%								
Location : Window Sills								
Masonry: Brick	90%			LIFE	* *	5	$225,700	
Granite Panels	2%			LIFE	* *	5	$3,800	
Panel: Limestone	3%			LIFE	* *	5	$5,600	
Window Wall	3%			2051	* *	5	$28,200	
Windows								
Aluminum	98%	Now	$83,600	2047	* *	5	$43,900	
Glazing Broken/Cracked, Extent : Severe, Area Affected : 2%								
Location : Two Glass Panes At Third To Second Floor Landing At Stair K And L								
Metal Louvers	2%			2040	* *	10	$11,200	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$36,300	
Metal Rail	15%			2044	* *	5-10	$122,900	
Pre-Cast Concrete	5%	4+	$3,700	LIFE	* *	5	$14,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Coping Stones								
Explanation : Stained								
Roof								
Built-Up (BUR)	92%	Now	$1,806,800	2031	$4,517,100			
Debris on Roof, Extent : Light, Area Affected : 5%								
Location : Throughout All Roofs								
Embedded Gravel Surface, Extent : Severe, Area Affected : 20%								
Location : Patches Throughout All Roofs								
Vegetation Growth, Extent : Severe, Area Affected : 15%								
Location : South Perimeter Of Main Roof, Throughout All Roofs And At Drains								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Library								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Lower Roofs								
Copper/Terne	5%			2059	* *	10	$52,600	
Skylight, Metal/Glass	1%			2051	* *	10	$14,000	
Skylight, Plastic	2%			2044	* *	1		
Soffits								
Metal Panel	100%			2051	* *	5-10		
Interior								

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DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$98,500	
Mosaic Tile	5%	4+	$42,200	2036	* *	5	$28,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : First Floor Boys Bathroom At Expansion Joint								
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout Bathrooms								
Quarry Tile	3%	4+	$19,900	2044	* *	5	$10,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : Below Sink In Kitchen								
Terrazzo	5%			LIFE	* *	5	$17,600	
Vinyl Tile	17%			2031	$2,113,800	3	$28,700	
Vinyl Tile 9" X 9"	55%	Now	$873,800	2026	$43,691,700	3	$92,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Second And Third Floor Corridors And Cafeteria								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Second And Third Floor Corridors								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%	4+	$67,100	2046	* *	5	$21,100	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Room 154								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : All Floors In Classrooms And Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	20%	4+	$247,600	LIFE	* *	5	$52,700	
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Basement Corridor And Boiler Room								
Glazed Ceramic Panel	5%			LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Throughout Bathrooms								
Glazed Ceramic Panel	2%			LIFE	* *			
Masonry: Brick	3%			LIFE	* *			
Operable Wall	5%			2041	* *	5	$115,200	
Plaster	35%	Now	$112,200	LIFE	* *	5	$69,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : First Floor Boys Bathroom								
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$1,047,900	2051	* *	5	$67,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Basement, Second Floor Corridors, Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Basement, Second Floor Corridors, Cafeteria And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement, Second Floor Corridors, Cafeteria And Gymnasium								
Exposed Struc: Concrete	50%			LIFE	* *	5	$33,900	
Gypsum Board	5%			LIFE	* *	5	$27,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Gypsum Board With Textured Surface								
Metal Panel	10%			LIFE	* *	5	$54,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor Corridors								
Explanation : Corrugated Metal Panels								
Plaster	10%			LIFE	* *	5	$27,100	
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%			2036	* *	5-10	$12,000	
Chain Link	35%			2041	* *			
Iron Picket	60%	Now	$25,200	2051	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : 232 Street And Seward Avenue Walkway								
Impact Damage, Extent : Severe, Area Affected : 5%								
Location : 232 Street And Seward Avenue Walkway								
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	50%	Now	$6,800	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Top Of Walls At Ramp At Parkng Area At Railing Connections								
Masonry: Brick	50%	4+	$10,800	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Retaining Walls On 232 Street								
Explanation : Efflorescence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$23,900	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 232 Street								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Hillside Avenue								

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DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$234,500	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Walk Between Seward Avenue And 232 Street, Front Plaza And Plaza Steps								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	2-4	$158,300	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Parking Area								
Activity Yard								
Asphalt	100%	Now	$215,300	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$102,800	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,600 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$1,300	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$700	
Fused Knife Sw	15%	2-4	$95,800	2056	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	55%	2-4	$351,300	2056	* *	5	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Molded Case Bkrs	10%			2030	$63,900	5	$800	
Molded Case Bkrs	5%			2039	* *	5	$400	
Molded Case Bkrs	5%			2053	* *	5	$400	
Wiring								
Braided Cloth	85%	2-4	$763,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2057	* *	1		

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DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2029	$326,600	5	$1,900	
Locally Mounted	10%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,600	
Lighting								
Interior Lighting								
Fluorescent	2%			2031	$92,400	10	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lights								
Fluorescent	96%			2031	$4,433,600	10	$272,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	15%			2026	$216,800	10	$100	
LED	5%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$34,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$196,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$720,400	5	$96,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2029	$2,700,400	1	$306,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	90%			2031	$2,232,800			
Steam Piping/Pump	10%	Now	$12,400	2041	* *			
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motor Of No.2 Re-feed Tank, Boiler Room								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Explanation : Vacuum Pump Is Crack, It Causes Leaking.								
Terminal Devices								
Air Handler	25%			2031	$1,457,500	1	$47,900	
Convector/Radiator	70%			2029	$1,773,400	1	$70,000	
Unit Heater - Steam	5%			2026	$88,000	4	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Library								
Explanation : 4 Units, R-410a								
Window/Wall Unit	60%			2029	$704,200	1		
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2039	* *	1	$5,000	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2039	* *	2	$10,800	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$172,800	
Exhaust Fans								
Interior	95%			2031	$1,305,300	2	$9,000	
Roof	5%			2026	$30,100	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	15%	0-2	$4,500	2031	$224,700	4	$4,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Steam Fired	85%			2031	$1,273,400	4	$26,000	
Sanitary Piping								
Cast Iron	5%	0-2	$58,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Kitchen Sink Sewage								
Broken, Extent : Moderate, Area Affected : 5%								
Location : Underneath Ground At The Back Of The Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement Room Cb64								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$62,000	4	$6,500	
Sewage Ejector(s)								
Electric	100%			2031	$162,200	4	$12,300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$428,400	1-2	$8,700	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

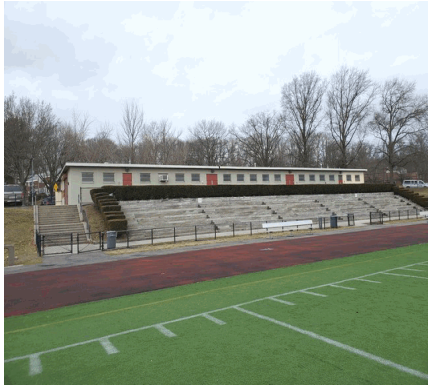
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE**
Address : **HILLSIDE AVE. AND 232 ST.**
Borough : **QUEENS**
Agency's Number : **Q435**
Program / Asset # : **BOE0875.010 / 13397**
Yr Built/Renovated : **1954 /**
Area Sq Ft : **6,000**
Project Type : **EDUCATION**
Date of Survey : **31-Jan-2020**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **7930** **Lot** : **2** **BIN** : **4166101**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$128,300	
Electrical		$53,700
Site Pavements	$52,300	$1,046,100
Total	**$180,600**	**$1,099,800**
Importance Code A	$128,300	
Importance Code B	$52,300	$1,099,800
Total	**$180,600**	**$1,099,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,500		$2,500	
Interior Architecture	$19,100	$700	$2,900	
Electrical	$10,500	$100	$13,500	$100
Mechanical	$2,600	$300	$17,500	$300
Site Enclosure	$4,200		$300	
Site Pavements	$700		$19,900	$200
Total	**$116,600**	**$1,100**	**$56,600**	**$600**
Importance Code A	$79,800	$300	$2,800	$300
Importance Code B	$12,800	$800	$33,600	$100
Importance Code C	$23,900		$20,200	$200
Total	**$116,600**	**$1,100**	**$56,600**	**$600**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	2-4	$23,600	LIFE	* *	5	$14,300	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : All Facades								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Metal Coiling Doors	10%			2036	* *	5	$5,000	
Windows								
Aluminum	50%	Now	$9,400	2047	* *	5	$500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Exterior Metal Grilles Are Dented								
Metal Clad	50%	Now	$9,900	2047	* *	5	$3,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Interior Panels								
Roof								
Modified Bitumen	100%	Now	$128,300	2041	* *			1
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 100%								
Location : Roof								
Soffits								
Exposed Struc: Steel	10%	Now	$8,800	LIFE	* *	5	$1,000	
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : All Facades								
Fiberglass Panel	90%	Now	$27,800	2046	* *	5	$5,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Acoustical Ceiling Panel								
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	* *	5	$16,600	
Ceramic Tile	15%			2040	* *	5	$1,300	
Interior Walls								
Ceramic Tile	9%	Now	$1,100	2040	* *	5	$500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Boys Shower Changing Area								
Concrete Masonry Unit	90%	4+	$18,000	LIFE	* *	5	$3,800	
Vertical Cracks, Extent : Light, Area Affected : 1%								
Location : One Crack On East Wall Of Girls Locker Room								
Marble Panels	1%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	65%			2036	* *	5	$5,800	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$800	
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%			2036	* *	5-10	$500	
Chain Link	95%	Now	$4,200	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : 229th Street And Interior Fencing								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Asphalt	20%	Now	$300	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Next To Track And Ramp From Driveway								
Cast in Place Concrete	70%			2044	* *			
Wood	10%	Now	$400	2026	$19,900	1-3	$900	
Missing Components, Extent : Severe, Area Affected : 5%								
Location : Section Of Bleacher Area								
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Rubber Matting	100%	Now	$52,300	2031	$1,046,100			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout Track								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Track								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Raceway								
Conduit	100%			2031	$16,200	1		
Panelboards								
Molded Case Bkrs	50%			2030	$15,000	5	$100	
Molded Case Bkrs	50%			2039	* *	5	$100	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13397

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	75%			2029	$53,700	5		
Locally Mounted	25%			2036	* *	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Explanation : Connected To Main Water Pipe And Painted								
Lighting								
Interior Lighting								
Fluorescent	99%			2036	* *	10	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2026	$1,700	2		
Egress Lighting								
Exit, Service	20%			2036	* *	1		
No Component	80%							
Exterior Lighting								
HID	10%			2031	$2,800	10		
Incandescent	10%			2026	$3,200	2		
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$3,100	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Locker Rooms								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2036	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Throughout								
Explanation : 6 Modine Units								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13397

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$700	
No Component	80%							
Exhaust Fans								
Roof	20%	0-2	$2,300	2041	* *	2		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Roof								
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MASPETH HIGH SCHOOL - Q**		
Address	: **54-40 74TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q585**
Program / Asset #	: **BOE1160.000 / 14906**	**Yr Built/Renovated**	:
Area Sq Ft	: **165,257**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **2803** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$489,800	$3,123,400
Interior Architecture	$660,800	$1,077,400
Electrical		$150,100
Mechanical	$278,300	$7,495,900
Total	**$1,428,800**	**$11,846,800**
Importance Code A	$489,800	$3,123,400
Importance Code B	$487,000	$8,431,900
Importance Code C	$452,100	$291,500
Total	**$1,428,800**	**$11,846,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,000		$5,000	
Interior Architecture	$133,400		$34,800	$8,700
Electrical	$34,600	$26,900	$31,100	$29,400
Mechanical	$120,600	$104,700	$123,900	$60,100
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$332,400**	**$141,500**	**$204,600**	**$108,000**
Importance Code A	$42,200	$8,200	$13,200	$8,200
Importance Code B	$258,100	$133,300	$191,400	$99,900
Importance Code C	$32,100			
Total	**$332,400**	**$141,500**	**$204,600**	**$108,000**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
MASPETH HIGH SCHOOL - Q
Asset # : 14906

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	8%			LIFE	* *	5	$136,000	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$265,600	
Masonry: Brick Cavity	60%			LIFE	* *	5	$204,000	
Masonry: Granite	5%			LIFE	* *	5	$12,700	
Metal, Corrugated	5%			2053	* *	1		
Metal Panel	2%			2053	* *	5-10	$23,400	
Window Wall	10%			2053	* *	5	$63,700	
Windows								
Aluminum	100%			2049	* *	5	$55,300	
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	$60,400	
Metal Rail	2%			2046	* *	5-10	$8,000	
Pre-Cast Concrete	58%			LIFE	* *	5	$161,200	
Roof								
IRMA/Protected Membrane	100%	Now	$54,800	2033	$2,740,100			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Low Roof Above Grand Stair Adjacent To Window Wall								
Soffits								
Metal Panel	98%			2053	* *	5-10	$41,200	
Stucco Cement	2%			2046	* *	5	$300	
Interior								
Floors								
Carpet	5%			2032	$218,700	3	$18,600	
Cast in Place Concrete	5%			LIFE	* *	5	$54,100	
Ceramic Tile	7%			2042	* *	5	$17,300	
Poured Epoxy/Resin	5%			2031	$692,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Science Laboratories								
Explanation : Location Noted.								
Quarry Tile	3%	0-2	$10,900	2046	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Stairwell								
Sheet Vinyl/Rubber	5%			2038	* *	5	$18,600	
Terrazzo	10%	2-4	$115,600	LIFE	* *	5	$19,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Vinyl Tile	55%			2038	* *	3	$51,000	
Wood	5%			2061	* *	5	$23,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MASPETH HIGH SCHOOL - Q
Asset # : 14906

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$61,800	
Ceramic Tile	30%			2042	* *	5	$148,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$39,500	
Gypsum Board	40%			LIFE	* *	5-10	$336,000	
Masonry: Brick	5%			LIFE	* *	10	$7,400	
Metal: Cage/Fence	5%			LIFE	* *	10	$4,900	
Wood	5%			LIFE	* *	5	$197,600	
Ceilings								
AcousTileSusp.Lay-In	80%			2046	* *	5	$186,200	
Exposed Struc: Steel	5%			LIFE	* *	10	$23,300	
Fiber Board	5%			2038	* *			
Gypsum Board	5%			LIFE	* *	5-10	$40,000	
Metal Panel	5%			LIFE	* *	5	$29,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	75%			2046	* *			
Pavers/Stone	25%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	10%			2042	* *			
Cast in Place Concrete	10%			2046	* *			
Traffic Topping	80%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Athletic Field								
Explanation : This Is Actually Artificial Grass Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,000 Ampere Main Service Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MASPETH HIGH SCHOOL - Q
Asset # : 14906

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$400	
Molded Case Bkrs	90%			2049	* *	5	$3,900	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$900	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$50,800	
Generators								
Diesel	100%			2042	* *	1	$64,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outdoor Enclosure								
Explanation : 350 Kilowatt Rated Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$6,100	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Enclosure								
Explanation : 275 Gallon Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$121,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	19%			2038	* *	10	$28,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : First Floor And Auditorium								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		

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DEPARTMENT OF EDUCATION - 040
MASPETH HIGH SCHOOL - Q
Asset # : 14906

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	8%			2038	* *	10	$1,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
HID	2%			2038	* *	10		
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,200	
Alarm								
Security System								
Generic	50%			2038	* *	1	$30,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$30,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$101,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2038	* *	1	$81,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$12,200	
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$53,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Insufficient Heat								
Controls								
Digital	100%	Now	$237,300	2028	$4,746,200			
Software Issue Suspected, Extent : Severe, Area Affected : 100%								
Location : Software Expired								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040
MASPETH HIGH SCHOOL - Q
Asset # : 14906

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	98%			2033	$1,775,700	2	$9,900	
Split Unit	2%			2033	$78,500			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$268,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$145,900	
Exhaust Fans								
Roof	100%			2033	$320,700	2	$5,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$6,600	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2028	$64,800	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : 2 Units								
Hot Water Storage Tank								
Generic	100%			2033	$15,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : 300 Gallons.								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Elevators								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$46,300	
Fire Pump								
Generic	100%			2042	* *	1	$30,900	

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DEPARTMENT OF EDUCATION - 040
MASPETH HIGH SCHOOL - Q
Asset # : 14906

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2031	$510,000	1-3	$465,100	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Hood Is 125 Square Feet							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**MEDGAR EVERS COLLEGE PREPARATORY SCHOOL - BK**			
Address	:	**1186 CARROLL STREET @NOSTRAND AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K590**
Program / Asset #	:	**BOE1010.000 / 13403**	**Yr Built/Renovated**	:	**2000 /**
Area Sq Ft	:	**112,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**08-Mar-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,5,Ph**			
Block	:	**1289** **Lot** : **25**	**BIN**	:	**3348092**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$59,600	$187,200
Interior Architecture		$204,300
Mechanical		$572,600
Site Pavements	$79,600	
Total	**$139,200**	**$964,100**
Importance Code A	$59,600	$187,200
Importance Code B	$79,600	$776,900
Total	**$139,200**	**$964,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$75,900	$22,900		$27,100
Interior Architecture	$64,800	$40,300	$6,100	
Electrical	$13,600	$12,900	$10,900	$41,600
Mechanical	$138,600	$38,600	$63,600	$80,100
Site Enclosure	$1,700			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$309,300**	**$129,500**	**$95,400**	**$163,700**
Importance Code A	$87,000	$34,000	$11,100	$38,400
Importance Code B	$222,400	$95,500	$82,200	$125,200
Importance Code C			$2,100	
Total	**$309,300**	**$129,500**	**$95,400**	**$163,700**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

MEDGAR EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$133,500	
Masonry: Limestone	10%			LIFE	* *	5	$14,300	
Metal Panel	15%	Now	$38,000	2052	* *	5	$53,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Slate Panels	5%			LIFE	* *	5	$7,200	
Windows								
Aluminum	95%			2048	* *	5	$52,800	
Metal Louvers	5%			2041	* *	10	$17,400	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$37,900	LIFE	* *	5	$16,200	
Open Joints, Extent : Moderate, Area Affected : 10%								
Location : Various Parapets								
Masonry: Brick Cavity	55%			LIFE	* *	5	$11,500	
Metal Panel	25%			2052	* *	5	$20,200	
Metal Rail	10%			2045	* *	5-10	$37,700	
Roof								
Built-Up (BUR)	70%			2037	* *	10	$59,600	
Modified Bitumen	20%			2037	* *	10	$17,000	
Plaza Roof: Stone Panels	10%			2042	* *			
Soffits								
Exposed Struc: Steel	35%			LIFE	* *	5		
Stucco Cement	65%			2045	* *	5		
Interior								
Floors								
Ceramic Tile	5%			2041	* *	5	$8,000	
Quarry Tile	5%			2045	* *	5	$12,000	
Slate	10%			LIFE	* *	5	$16,900	
Traffic Topping	2%	Now	$3,000	2032	$152,200	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridor On First Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Corridor On First Floor								
Vinyl Tile	75%			2037	* *	3	$44,900	
Wood	3%			2060	* *	5	$9,000	
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$4,300	
Concrete Masonry Unit	55%			LIFE	* *	5	$18,800	
Gypsum Board	20%			LIFE	* *	5	$10,200	
SGFT/Glazed Masonry	20%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

MEDGAR EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2045	* *	5	$29,700	
AcousTileSusp.Lay-In	15%	Now	$12,400	2045	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Exposed Struc: Concrete	5%			LIFE	* *	5	$800	
Gypsum Board	42%	Now	$14,600	LIFE	* *	5	$52,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Weight Room In Basement								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Weight Room In Basement								
Masonry: Vault Struct	5%	Now	$34,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Weight Room In Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Weight Room In Basement								
Explanation : This Is Actually A Glass Block Sidewalk Light Assembly								
Metal Panel	3%			LIFE	* *	5	$3,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Retaining Walls								
Cast in Place Concrete	8%	0-2	$1,700	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cheek Walls At Site Stair At Entry								
Cast in Place Concrete	92%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$79,600	2037	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 15%								
Location : Carroll Street Side								
Tripping Hazard, Extent : Severe, Area Affected : 15%								
Location : Carroll Street Side								
On-Site Walkways								
Asphalt	50%			2041	* *			
Cast in Place Concrete	50%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

MEDGAR EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere And Two 2,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2045	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 500 Kilovolt-ampere 480/277hv-208lv And One 225 Kilovolt-ampere 480hv-208/120lv And 15 Kilovolt-ampere 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$300	
Molded Case Bkrs	90%			2048	* *	5	$2,700	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	30%			2045	* *	5	$200	
Motor Control Center	70%			2045	* *	5	$2,100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$34,500	
Generators								
Diesel	100%			2041	* *	1	$43,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : One 400 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,100	
Fuel Storage								
Day Tank	50%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : One 60 Gallon								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 2,500 Gallon								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MEDGAR EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	25%			2037	* *	10	$25,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	75%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	7%			2037	* *	10		
HID	2%	Now	$2,100	2037	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Plaza								
Explanation : Pole Mounted And Bollard Lights Are Dark								
Incandescent	1%	Now	$600	2037	* *	2		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Exterior Penthouse At Doors								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$12,600	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$20,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$110,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$17,900	2052	* *			
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MEDGAR EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	60%	Now	$25,300	2037	* *	1	$37,400	
Broken, Extent : Severe, Area Affected : 10%								
Location : Unit No.7 Which Serves The Kitchen On The 1st Floor								
Convector/Radiator	40%			2045	* *	1	$14,500	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2037	* *	1	$51,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units - Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$8,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$69,300	
Heat Rejection								
Dry Cooler	100%			2032	$514,000	2	$78,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	95%	Now	$9,400	2037	* *	2	$2,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Unit Serving The Electric Room In The Basement								
Roof	5%			2032	$10,900	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$28,800	2052	* *	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : One Of Three Booster Pumps In The Basement								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : Unit Located In The Penthouse Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$22,400	4	$3,500	
Sewage Ejector(s)								
Electric	100%			2032	$58,600	4	$6,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MEDGAR EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2037	* *	1	$6,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	85%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 85%								
Location : 1 Unit From Basement To Penthouse, 1 Unit From Basement To 5th Floor								
Explanation : 2 Units								
Hydraulic	15%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Basement To 1st Floor								
Explanation : One Freight Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$56,500	
Sprinkler								
Generic	100%			2042	* *	1-2	$31,400	
Fire Pump								
Generic	100%			2035	* *	1	$20,900	
Chemical System								
No Component	97%							
Generic	3%			2027	$11,000	1-3	$10,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **METROPOLITAN AVENUE CAMPUS - Q**
Address : **91-30 METROPOLITAN AVENUE**
Borough : **QUEENS**
Agency's Number : **Q686**
Program / Asset # : **BOE1114.000 / 14570**
Yr Built/Renovated : **2010 /**
Area Sq Ft : **323,106**
Project Type : **EDUCATION**
Date of Survey : **23-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **3886** **Lot** : **800** **BIN** : **4447233**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$93,300	$315,500
Interior Architecture	$87,200	$992,000
Electrical		$296,300
Mechanical		$80,100
Site Enclosure		$141,500
Total	**$180,500**	**$1,825,400**
Importance Code A	$93,300	$315,500
Importance Code B		$852,500
Importance Code C	$87,200	$657,500
Total	**$180,500**	**$1,825,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$38,000	$20,800	
Interior Architecture	$12,100	$9,100	$46,500	
Electrical	$38,700	$49,000	$44,400	$44,100
Mechanical	$37,200	$37,700	$61,400	$47,500
Elevators/Escalators	$29,600	$29,600	$29,600	$29,600
Total	**$117,600**	**$163,500**	**$202,800**	**$121,100**
Importance Code A	$15,200	$54,700	$36,700	$16,700
Importance Code B	$102,500	$108,800	$166,100	$104,500
Importance Code C				
Total	**$117,600**	**$163,500**	**$202,800**	**$121,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$8,600	
Masonry: Brick Cavity	80%			LIFE	* *	5	$219,400	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$25,700	
Metal Panel	7%			2050	* *	5-10	$132,000	
Pre-Cast Concrete	3%			LIFE	* *	5	$26,700	
Windows								
Aluminum	100%			2046	* *	5	$41,700	
Parapets								
Masonry: Brick Cavity	94%			LIFE	* *	5	$19,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet Walls								
Explanation : Covered With Single-ply Roof Membrane								
Metal Rail	1%			2043	* *	5-10	$3,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,400	
Roof								
IRMA/Protected Membrane	97%	4+	$93,300	2035	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Broken Paver Blocks, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Metal Panel	1%			2043	* *	10	$3,700	
Single Ply Membrane	1%			2035	* *	10	$2,000	
Skylight, Metal/Glass	1%			2050	* *	10	$6,800	
Soffits								
Metal Panel	55%			2050	* *	5-10		
Stucco Cement	45%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$52,900	
Ceramic Tile	5%			2039	* *	5	$24,200	
Quarry Tile	5%			2043	* *	5	$36,300	
Traffic Topping	3%			2035	* *	5	$18,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Laboratories								
Explanation : This Is Actually A Fluid Applied Epoxy Floor Finish								
Vinyl Tile	77%			2035	* *	3	$139,600	
Wood	5%			2058	* *	5	$45,300	

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DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	20%			2039	* *	5	$174,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$34,900	
Glass Block	5%			LIFE	* *			
Gypsum Board	62%			LIFE	* *	5	$324,200	
Wood	3%			LIFE	* *	5	$104,600	
Ceilings								
AcousTileSusp.Lay-In	75%			2043	* *	5	$362,700	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$60,500	
Metal Panel	5%			LIFE	* *	5	$30,200	
Site Enclosure								
Fence/Gates								
Aluminum Rail	25%			2043	* *	5-10	$141,500	
Chain Link	15%			2050	* *			
Iron Picket	60%			2065	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Across From Tennis Field								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Playground Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	60%			2043	* *			
Pavers/Stone	40%			2039	* *			
Loose Units, Extent : Moderate, Area Affected : 2%								
Location : Outside The Auditorium Area								
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	15%			2039	* *			
Rubber Matting	35%			2035	* *			
Traffic Topping	40%			2035	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Athletic Field On North Side Of Building								
Explanation : This Is Actually Artificial Grass								
Traffic Topping	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : It Includes The Following Ampere Rated Switches: Two 3,000, One 4,000, One 2,500, One 1,600, And One 1,200.								
Transformers								
Dry Type	100%			2047	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : It Consists Of One 1,000 Kilovolt-ampere 480-208/120v And One 750 Kilovolt-ampere 480 -208/120v.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$1,400	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2052	* *	5	$700	
Molded Case Bkrs	90%			2052	* *	5	$7,700	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	50%			2047	* *	5	$1,100	
Variable Frequency Drive	50%			2047	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$99,400	
Generators								
Diesel	100%			2043	* *	1	$125,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside - Generator Room								
Explanation : The Generator Is Rated 500 Kilowatts.								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$12,000	
Fuel Storage								
Main Tank	100%			2065	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : The Main Tank Is Rated 275 Gallons.								
Lighting								

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DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$266,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : The Lighting Fixtures Are T-8 Lamps Type Fixtures.								
Fluorescent	10%			2038	* *	10	$29,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby, Hallway, Gymnasium And Auditorium								
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, LED	35%			2065	* *	1		
Exit, Service	5%			2038	* *	1		
Exterior Lighting								
Fluorescent	2%			2035	* *	10	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Exit Doors And Before The Entrance Door								
Explanation : Compact Fluorescent Light								
HID	18%			2035	* *	10	$200	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$2,100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$36,200	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2038	* *	1-3	$139,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Upgraded System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2056	* *	1		
Natural Gas	95%			2056	* *	1		

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DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	85%			2035	* *	1	$135,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 14 Rooftop Package Units								
Hot Water Boiler	10%			2043	* *	1	$16,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse On 4th Floor Roof								
Explanation : 2 New Gas Fired Units								
Radiant Heater	5%			2035	* *	2	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Staircases								
Explanation : Electrical Radiant Heaters								
Distribution								
Hot Wtr Piping/Pump	10%			2052	* *	4	$2,400	
No Component	90%							
Terminal Devices								
Convector/Radiator	10%			2047	* *	1	$10,400	
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2035	* *	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units Refrigerant R-410a								
Ext Pkg Unit - Heating/Cooling	85%			2035	* *	2	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roofs								
Explanation : 14 Rooftop Units. Refrigerant R-410a								
Split Unit	5%			2035	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$180,200	
Exhaust Fans								
Roof	100%			2035	* *	2	$9,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$6,800	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$12,900	
Backflow Preventer								
Generic	100%			2035	* *	1	$19,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : 2 Units From Basement To 5th Floor, 2 Units From Basement To 4th Floor								
Explanation : 4 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement To 1st Floor								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$90,500	
Fire Pump								
Generic	100%			2039	* *	1	$60,300	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : On Top Of Gas Stove								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MIDDLE COLLEGE CAMPUS - Q**		
Address	: **45-35 VAN DAM STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q520**
Program / Asset #	: **BOE1159.000 / 14905**	**Yr Built/Renovated**	:
Area Sq Ft	: **74,664**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **249** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$167,600	$58,000
Interior Architecture	$222,100	$79,500
Electrical		$667,800
Mechanical	$198,300	
Total	**$588,000**	**$805,400**
Importance Code A	$365,900	$58,000
Importance Code B	$142,600	$667,800
Importance Code C	$79,500	$79,500
Total	**$588,000**	**$805,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$139,400			
Interior Architecture	$159,700		$15,100	$5,600
Electrical	$9,100	$6,600	$10,300	$6,600
Mechanical	$88,200	$9,600	$40,600	$9,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$404,200**	**$24,100**	**$73,900**	**$29,300**
Importance Code A	$139,400	$1,800	$1,800	$1,800
Importance Code B	$178,100	$22,200	$72,100	$27,400
Importance Code C	$86,700			
Total	**$404,200**	**$24,100**	**$73,900**	**$29,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
MIDDLE COLLEGE CAMPUS - Q
Asset # : 14905

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$72,500	
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$22,700	
Glass Block	3%			LIFE	* *	5	$2,700	
Masonry: Brick Cavity	80%			LIFE	* *	5	$116,100	
Metal Panel	2%			2059	* *	5-10	$10,000	
Granite Panels	3%			LIFE	* *	5	$3,300	
Windows								
Aluminum	88%			2049	* *	5	$18,800	
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Exterior Facing First Level								
Explanation : Window Grilles								
Metal Louvers	12%			2042	* *	10	$16,000	
Parapets								
Cast Stone/Terra Cotta	9%			LIFE	* *	5-10	$53,300	
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$128,300	
Metal Rail	1%	4+	$300	2046	* *	5	$1,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Metal Steps								
Roof								
Copper/Terne	2%			2068	* *	10	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Connection Between The Two Buildings And Courtyard Roof								
Explanation : Building Joint								
IRMA/Protected Membrane	70%	4+	$36,600	2038	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : At Drains								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : At Various Drains On Upper And Lower Roof Areas								
IRMA/Protected Membrane	28%			2038	* *	10	$30,900	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : West Building Roofs								
Soffits								
Alum/Vinyl Siding	100%	Now	$1,100	2053	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Courtyard Soffit								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDDLE COLLEGE CAMPUS - Q
Asset # : 14905

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$142,600	LIFE	* *	5	$12,200	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	10%			2042	* *	5	$11,200	
Granite Panels	2%			LIFE	* *	5	$3,400	
Quarry Tile	5%			2046	* *	5	$8,400	
Vinyl Tile	78%			2038	* *	3	$32,700	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Classrooms And Cafeteria Standard Wear And Tear From Chairs								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$30,600	
Ceramic Tile	65%			2042	* *	5	$159,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$19,600	
Gypsum Board	15%			LIFE	* *	5-10	$62,400	
Plaster	5%	4+	$6,000	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Stairwell To Basement At Gasoline Meter Room								
Ceilings								
AcousTileSusp.Lay-In	80%	4+	$29,700	2046	* *	5	$44,600	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Classroom 121 And 221								
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Classroom 222								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$7,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$11,100	
Gypsum Board	10%			LIFE	* *	5-10	$38,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inner Courtyard								
Explanation : This Is Actually A Painted Steel Tube Fence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
MIDDLE COLLEGE CAMPUS - Q
Asset # : 14905

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Service Room								
Explanation : 1,600 And 2,500 Ampere Main Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$23,000	
Generators								
Diesel	100%			2036	* *	1	$28,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At The Roof								
Explanation : 156.5 Kilovolt Amperes, 125 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$2,800	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	40%			2033	$445,200	10	$27,400	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2033	$222,600	10	$13,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	40%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Staircases And Some Offices								
Explanation : LED Light								

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DEPARTMENT OF EDUCATION - 040
MIDDLE COLLEGE CAMPUS - Q
Asset # : 14905

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2033	$23,000	1		
Exit, LED	25%			2048	* *	1		
Exit, Battery	25%			2033	$26,400	10	$1,300	
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2033	$14,000	1	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior Of The Building								
Explanation : Cameras Security System								
Generic	10%			2033	$14,000	1	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2038	* *	1-3	$9,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	50%	0-2	$198,300	2046	* *	1	$16,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room. One Boiler Is Not Working Due To Multiple Mechanical Defects								
No Component	50%							
Distribution								
Hot Wtr Piping/Pump	100%	Now	$1,600	2049	* *	4	$3,700	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Penthouse Pumps And Piping								
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$24,100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040
MIDDLE COLLEGE CAMPUS - Q
Asset # : 14905

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	96%	Now	$24,100	2038	* *	2	$3,500	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Building Management System Is Not Functioning On All Floors								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof 1 Unit Of 8								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Units R-410a								
Split Unit	4%			2038	* *			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$121,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,900	
Exhaust Fans								
Roof	100%			2038	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$7,500	2038	* *	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Backflow Preventer								
Generic	100%			2038	* *	1	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$37,600	
Sprinkler								
Generic	100%			2053	* *	1-2	$20,900	

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DEPARTMENT OF EDUCATION - 040
MIDDLE COLLEGE CAMPUS - Q
Asset # : 14905

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Kitchen Exhaust System								
Explanation : 1 Set 120 Square Feet								
Generic	1%			2031	$4,900	1-3	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood 120 Sqaure Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MID-MANHT ADULT LEARNING CTR - M (P.S. 81)**		
Address	: **212 W. 120TH ST BTWN: 7TH AVE - ST. NICHOLAS AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M081**
Program / Asset #	: **BOE0048.000 / 1682**	**Yr Built/Renovated**	: **1907 / 2011**
Area Sq Ft	: **92,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1925** **Lot** : **19**	**BIN**	: **1058447**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$493,600
Interior Architecture	$189,200	$2,376,000
Electrical	$233,400	$894,300
Mechanical	$913,600	$587,300
Site Pavements	$96,600	
Total	**$1,432,800**	**$4,351,100**
Importance Code A		$493,600
Importance Code B	$1,279,700	$2,417,300
Importance Code C	$153,100	$1,440,200
Total	**$1,432,800**	**$4,351,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,900	$37,200	$22,000	
Interior Architecture	$157,000	$34,200		$11,300
Electrical	$21,500	$16,800	$5,400	$7,100
Mechanical	$53,100	$43,400	$21,300	$13,500
Total	**$256,500**	**$131,600**	**$48,600**	**$31,900**
Importance Code A	$65,000	$46,300	$31,300	$9,100
Importance Code B	$162,700	$85,300	$17,300	$22,800
Importance Code C	$28,800			
Total	**$256,500**	**$131,600**	**$48,600**	**$31,900**

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DEPARTMENT OF EDUCATION - 040
MID-MANHT ADULT LEARNING CTR - M (P.S. 81)
Asset # : 1682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$60,300	
Masonry: Brick	85%			LIFE	* *	5	$131,200	
Water Penetration, Extent : Light, Area Affected : 3%								
Location : North East Corner Of West Wing - Rooms 412, 414								
Masonry: Limestone	7%			LIFE	* *	5	$8,100	
Stucco Cement	3%			2043	* *	5	$11,600	
Windows								
Aluminum	98%			2046	* *	5	$44,000	
Glass Block	2%	Now	$4,900	LIFE	* *	5	$600	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Stair Tower At Bulkhead								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$15,500	
Metal Rail	15%			2043	* *	5-10	$55,900	
Metal: Cage/Fence	5%	Now	$4,900	2035	* *	5	$3,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Coping Stone								
Roof								
Built-Up (BUR)	60%			2035	* *	10	$37,200	
Metal Panel	5%			2043	* *	10	$5,700	
Paver: Asphalt	35%	Now	$15,100	2033	$302,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : At Sidewalk Stair								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West 119 Street And West 120 Street Courtyard								
Explanation : Roof Pavers Located On First Floor Entry Plazas								
Interior								

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DEPARTMENT OF EDUCATION - 040
MID-MANHT ADULT LEARNING CTR - M (P.S. 81)
Asset # : 1682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2024	$57,000	3	$6,400	
Cast in Place Concrete	5%			LIFE	* *	5	$17,600	
Mosaic Tile	4%	Now	$30,200	2035	* *	5	$8,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Traffic Topping	34%			2035	* *	5	$68,500	
Vinyl Tile	25%	Now	$22,300	2035	* *	3	$15,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Corridors								
Vinyl Tile 9" X 9"	3%	Now	$17,100	2030	$853,200	3	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Classroom 315								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classroom 315								
Wood	27%	Now	$51,900	2045	* *	5	$40,800	
Dry Rot/Decay, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Interior Walls								
Ceramic Tile	15%	Now	$28,800	2033	$1,440,200	5	$13,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Glass: Single Pane	2%			LIFE	* *	5	$2,600	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	64%	Now	$54,400	LIFE	* *	5	$33,500	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 7%								
Location : West Stair, Rooms 412, 414								
Plaster	2%	Now	$2,100	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Wall At West 119								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Wall At West 119								
SGFT/Glazed Masonry	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
MID-MANHT ADULT LEARNING CTR - M (P.S. 81)
Asset # : 1682

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2047	* *	5	$8,100	
Masonry: Infill Arch	13%			LIFE	* *			
Plaster	80%	Now	$78,400	LIFE	* *	5	$80,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor								
Plaster	2%	Now	$2,500	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Wall At West 119								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Wall At West 119								
Site Enclosure								
Free Standing Walls								
Concrete Masonry Unit	100%			2050	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Courtyard								
Explanation : Cast Stone Free Standing Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2043	* *			
Masonry: Granite	50%	Now	$96,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Front And Rear Main Stair								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2056	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : There Is A 1,600 Ampere Main Disconnect Switch In Good Condition.								
Fused Disc Sw	30%			2056	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : There Is A 400 Ampere Main Disconnect Switch For Emergency Which Is In Good Condition.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	

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DEPARTMENT OF EDUCATION - 040
MID-MANHT ADULT LEARNING CTR - M (P.S. 81)
Asset # : 1682

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2060	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	70%			2029	$167,600	5	$1,700	
Molded Case Bkrs	20%			2052	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$233,400	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$80,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : The Lighting System Is Composed Of T-8 Lamps, Fixtures In Good Condition.								
Fluorescent	5%	0-2	$13,700	2040	* *			
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$11,100	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	100%			2038	* *			
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2030	$237,300	1-3	$58,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	90%			2040	* *	5	$25,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks For No 2 Fuel								
Natural Gas	10%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040
MID-MANHT ADULT LEARNING CTR - M (P.S. 81)
Asset # : 1682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$40,100	2035	* *	1	$82,000	
Damaged, Extent : Severe, Area Affected : 10%								
Location : Boiler Manhole Cover Not Sealed								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Pumps								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two No 2 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	4+	$221,000	2040	* *			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2035	* *	1	$5,700	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Heating And Cooling								
Convector/Radiator	90%	4+	$203,100	2035	* *	1	$24,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2035	* *	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Packaged Rooftop Air Cooled Chiller								
Split Unit	5%	Now	$54,600	2035	* *			
Broken, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Roof								
Window/Wall Unit	25%			2025	$87,100	1		
No Component	60%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2050	* *	4	$500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof To Basement								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,300	
Exhaust Fans								
Roof	100%			2035	* *	2	$2,800	

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DEPARTMENT OF EDUCATION - 040
MID-MANHT ADULT LEARNING CTR - M (P.S. 81)
Asset # : 1682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%	Now	$11,800	2050	* *	1		
Booster Pump w/Tank, Extent : Severe, Area Affected : 100%								
Location : Basement Booster Pump Broken								
Galvanized Steel	50%			2028	$587,300	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 600 Gallons								
Sanitary Piping								
Cast Iron	100%	4+	$347,700	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Multi Purpose Room								
Explanation : Black Iron Pipe Observed								
Sump Pump(s)								
Non-Submersible	100%			2030	$18,400	4	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Duplex Unit								
Backflow Preventer								
No Component	70%							
Under Construction	10%							
Generic	20%			2035	* *	1	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2040	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**MIDTOWN EAST CAMPUS - M**			
Address	:	**231-249 EAST 56TH STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M488**
Program / Asset #	:	**BOE1144.000 / 14890**	**Yr Built/Renovated**	:	**2012 /**
Area Sq Ft	:	**209,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**11-May-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,5,11,12,Ph**			
Block	:	**1330** **Lot** : **13**	**BIN**	:	**1088892**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$556,000	$1,519,500
Interior Architecture	$703,200	$570,400
Electrical		$191,700
Mechanical	$222,100	$6,377,900
Total	**$1,481,200**	**$8,659,500**
Importance Code A	$556,000	$1,519,500
Importance Code B	$581,400	$6,952,500
Importance Code C	$343,900	$187,600
Total	**$1,481,200**	**$8,659,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,000	$6,200	$400	
Interior Architecture	$142,500		$91,700	$51,200
Electrical	$43,700	$34,000	$38,500	$36,500
Mechanical	$199,100	$81,300	$120,700	$52,300
Elevators/Escalators	$59,200	$59,200	$59,200	$59,200
Total	**$483,400**	**$180,800**	**$310,600**	**$199,100**
Importance Code A	$49,300	$16,500	$10,800	$10,300
Importance Code B	$340,100	$164,300	$299,800	$149,700
Importance Code C	$94,000			$39,100
Total	**$483,400**	**$180,800**	**$310,600**	**$199,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
MIDTOWN EAST CAMPUS - M
Asset # : 14890

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%	Now	$38,000	LIFE	* *	5	$22,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 11th Floor Class 1122								
Metal Panel	75%			2059	* *	5-10	$1,827,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$115,200	
Window Wall	10%			2053	* *	5	$132,900	
Windows								
Aluminum	100%			2055	* *	5	$12,400	
Parapets								
Metal Panel	90%			2059	* *	5	$1,900	
Metal Rail	5%			2046	* *	5-10	$500	
Metal: Cage/Fence	5%			2046	* *	5-10	$200	
Roof								
IRMA/Protected Membrane	45%			2038	* *	10	$40,700	
Plaza Roof: Stone Panels	40%			2053	* *			
Play Surface	15%			2038	* *	10	$13,600	
Soffits								
Metal Panel	100%			2059	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$211,900	
Cast in Place Concrete	1%			LIFE	* *	5	$21,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Polished Concrete								
Ceramic Tile	5%			2042	* *	5	$24,200	
Quarry Tile	4%			2046	* *	5	$29,100	
Sheet Vinyl/Rubber	3%			2041	* *	5	$21,800	
Vinyl Tile	72%			2038	* *	3	$130,700	
Wood	5%			2061	* *	5	$45,400	
Interior Walls								
Ceramic Tile	15%			2042	* *	5	$78,200	
Concrete Masonry Unit	22%			LIFE	* *	5	$91,700	
Folding Partition	1%			2049	* *	5	$13,000	
Gypsum Board	60%			LIFE	* *	5-10	$531,400	
Wood	2%			LIFE	* *	5	$83,400	
Ceilings								
AcousTileSusp.Lay-In	85%	4+	$136,900	2046	* *	5	$205,800	
Staining/Discoloring, Extent : Light, Area Affected : 1%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *	10	$48,400	
Gypsum Board	10%			LIFE	* *	5-10	$166,500	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
MIDTOWN EAST CAMPUS - M
Asset # : 14890

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Metal Panel	100%			LIFE	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : Perforated Metal								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Transformers								
Dry Type	100%			2046	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room, Mechanical Room								
Explanation : 150 Kilovolt Amperes 480/208/120 Volts, 45 Kilovolt Amperes 480/208/120 Volts, Two 30 Kilovolt Amperes 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$900	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$500	
Molded Case Bkrs	90%			2049	* *	5	$5,000	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	5%			2046	* *	5	$100	
Variable Frequency Drive	95%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,100	
Stand-by Power								

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DEPARTMENT OF EDUCATION - 040
MIDTOWN EAST CAMPUS - M
Asset # : 14890

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$64,300	
Generators								
Diesel	100%			2042	* *	1	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 900 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$7,700	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Rating Capacity								
Underground Storage	50%			LIFE	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : No Available Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$182,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2038	* *	10	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	20%			2038	* *	10	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front								
Explanation : Compact Fluorescent Lights								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	70%							
Generic	30%			2061	* *	5	$300	
Alarm								
Security System								
Generic	100%			2038	* *	1	$78,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040
MIDTOWN EAST CAMPUS - M
Asset # : 14890

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$128,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$103,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 12th Floor Mechanical Room								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$15,500	
Terminal Devices								
Air Handler	10%	Now	$19,700	2038	* *	1	$11,600	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : 2 Coils, 12th Floor Mechanical Room And Basement.								
Air Handler	65%			2038	* *	1	$84,000	
Convector/Radiator	25%			2046	* *	1	$16,900	
Controls								
Digital	100%			2031	$6,002,600			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	0-2	$170,300	2034	* *	2	$10,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : All Floors Mechanical Room								
Explanation : R-410a. Mechanical Defects Due To Distribution Piping Cloggage.								
Distribution								
CW & CHW Wtr Pipe/Pump	100%	Now	$33,800	2059	* *	4	$10,300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Inside Piping								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Explanation : Clogged								

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DEPARTMENT OF EDUCATION - 040
MIDTOWN EAST CAMPUS - M
Asset # : 14890

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cooling Tower	10%	0-2	$10,600	2037	* *	2	$16,800	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Explanation : Auto Control Is Down Frequently								
Water Cooling Tower	90%			2034	* *	2	$189,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$184,500	
Exhaust Fans								
Interior	80%			2038	* *	2	$5,100	
Roof	20%			2038	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	Now	$5,400	2053	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Booster Pump, Basement Room 020								
Brass/Copper	90%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$119,600	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 12th Floor Machine Room								
Explanation : Two 250 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$4,400	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$8,300	
Backflow Preventer								
Generic	100%			2041	* *	1	$12,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3 Units From Sub-basement To 12th Floor, 2 Units From Sub-basement To Mezzanine 7th Floor								
Explanation : 5 Units. 1 Of Them Is Down.								
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$105,400	
Sprinkler								
Generic	100%			2053	* *	1-2	$58,500	

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DEPARTMENT OF EDUCATION - 040
MIDTOWN EAST CAMPUS - M
Asset # : 14890

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2042	* *	1	$39,000	
Chemical System								
Wet	100%			2031	$204,000	1-3	$208,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 50 Square Feet								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MIDWOOD HIGH SCHOOL - BK**		
Address	: **2839 BEDFORD AVENUE BTWN: GLENWOOD RD., CAMPUS RD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K405**
Program / Asset #	: **BOE0622.000 / 1220**	**Yr Built/Renovated**	: **1940 / 2007**
Area Sq Ft	: **277,728**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,4,5**		
Block	: **7553** **Lot** : **41**	**BIN**	: **3205788**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,406,600	$1,062,200
Interior Architecture	$967,200	$18,349,800
Electrical	$1,295,900	$5,956,600
Mechanical	$2,745,200	$3,393,700
Total	**$7,415,000**	**$28,762,300**
Importance Code A	$2,406,600	$1,229,400
Importance Code B	$4,516,400	$26,254,900
Importance Code C	$492,000	$1,278,000
Total	**$7,415,000**	**$28,762,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,300	$10,400		
Interior Architecture	$88,000	$6,200		$13,000
Electrical	$10,400	$12,900	$10,400	$10,400
Mechanical	$51,900	$13,800	$35,800	$15,000
Site Enclosure	$12,900			
Site Pavements	$23,300			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$239,600**	**$53,300**	**$56,000**	**$48,200**
Importance Code A	$43,300	$11,000		
Importance Code B	$183,500	$42,300	$56,000	$48,200
Importance Code C	$12,900			
Total	**$239,600**	**$53,300**	**$56,000**	**$48,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$211,900	
Masonry: Limestone	25%			LIFE	* *	5	$53,000	
Windows								
Aluminum	5%	Now	$5,000	2046	* *	5	$2,600	
Air Infiltration, Extent : Light, Area Affected : 5%								
Location : Room 431								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Room 431								
Wood	95%	0-2	$2,406,600	2055	* *	5	$499,400	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$400	
Masonry: Limestone	85%			LIFE	* *	5	$3,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout Cornice								
Roof								
Asphalt Shingle	70%			2039	* *	10	$24,300	
IRMA/Protected Membrane	5%			2035	* *	10	$10,400	
Roll Roofing	22%			2029	$298,000	5	$76,500	
Skylight, Metal/Glass	3%			2050	* *	10	$20,900	
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$90,900	
Ceramic Tile	5%	0-2	$23,400	2033	$1,171,900	5	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Bathroom								
Quarry Tile	3%	Now	$18,400	2035	* *	5	$9,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Quarry Tile	2%			2035	* *	5	$12,500	
Terrazzo	5%			LIFE	* *	5	$16,200	
Vinyl Tile	25%	Now	$57,400	2030	$2,870,900	3	$39,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Hallways And Stairwell Landings								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Wood	16%	0-2	$198,300	2033	$3,966,900	5	$62,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Throughout Gymnasium, Classrooms And Stage								
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 35%								
Location : Throughout Gymnasium, Classrooms And Stage								
Wood	34%			2033	$8,429,700	5	$265,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$52,700	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2033	$1,143,000	5	$20,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$13,900	
Marble Panels	2%	Now	$122,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Entrance Lobby								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Entrance Lobby								
Plaster	58%			LIFE	* *	5	$120,500	
Plaster	7%	Now	$117,900	LIFE	* *	5	$14,500	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Girls Basement Bathroom								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	16%	0-2	$199,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
SGFT/Glazed Masonry	4%			LIFE	* *			

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	7%	Now	$24,900	2043	* *	5	$15,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Throughout Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout Cafeteria								
Exposed Struc: Concrete	10%	Now	$128,300	LIFE	* *	5	$6,700	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Metal Panel	3%	0-2	$21,300	LIFE	* *	5	$16,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Plaster	73%			LIFE	* *	5	$195,300	
Plaster	7%	Now	$91,200	LIFE	* *	5	$18,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout Girls Basement Bathroom								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Room 209								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	2-4	$12,900	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$23,300	2035	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	60%			2035	* *			
Masonry: Granite	40%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2040	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Room North								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2040	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Room South								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2035	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Elevator Machine Room								
Explanation : 40 Kilovolt-ampere Transformer								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$1,200	
Raceway								
Conduit	70%			2030	$472,000	1		
Conduit	30%			2040	* *	1		
Panelboards								
Fused Disc Sw	20%			2038	* *	5	$1,300	
Molded Case Bkrs	80%			2038	* *	5	$5,900	
Wiring								
Braided Cloth	30%			2029	$269,500	1		
Thermoplastic	70%			2040	* *	1		
Motor Controllers								
Locally Mounted	85%			2043	* *	5	$1,600	
Variable Frequency Drive	15%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$4,057,300	10	$249,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	2%			2035	* *			
Egress Lighting								
Emergency, Service	5%			2030	$8,600	1		
Emergency, Battery	45%			2030	$209,800	10	$30,200	
Exit, Service	5%			2030	$6,000	1		
Exit, Battery	45%			2030	$177,100	10	$8,400	
Exterior Lighting								
HID	100%			2025	$1,295,900	10	$900	
Alarm								

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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2030	$260,700	1	$51,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2030	$260,700	1	$51,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Plant Campus Steam / PRV	100%	Now	$3,900	2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Steam Supplied From Nearby Brooklyn College, Insulation Missing Or Damaged								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2033	$167,200	5	$16,500	
Distribution								
Central Plant Steam Piping/Pmp	80%	Now	$312,400	2040	* *	4	$11,000	
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Areas								
Central Plant Steam Piping/Pmp	20%			2040	* *	4	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	Now	$78,400	2030	$1,567,900	1	$46,400	
Abandoned in Place, Extent : Light, Area Affected : 50%								
Location : Abandoned Units In Attic								
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Control System								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : North Side Fan Room In Basement								
Explanation : One Air Handler Not Working								
Convector/Radiator	70%	Now	$31,800	2028	$1,589,700	1	$56,500	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Room 209 And Boys Gymnasium								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2025	$789,100	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$154,900	
Exhaust Fans								
Interior	100%	Now	$246,400	2025	$1,231,800	2	$6,800	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boys Gymnasium Room, Cafeteria And Boys Locker Rooms Exhaust In South Fan Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Explanation : Unit Has Been In Use For More Than 20 Years								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Four 50 Gallon Units								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$41,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Grease Trap Serves Kitchen								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Single Units								
Sewage Ejector(s)								
Electric	100%	Now	$87,200	2040	* *	4	$11,100	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Duplex Pumps In Basement Broken								
Fixtures								
Generic	100%							
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Explanation : Drinking Fountains Out Of Service, Some Are Chipped								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From Basement To 1st Floor - Control System Repair Needed								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$7,800	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE**		
Address	: **E. 17 STREET AND AVENUE L**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K405**
Program / Asset #	: **BOE0622.010 / 13395**	**Yr Built/Renovated**	: **1940 / 2003**
Area Sq Ft	: **8,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2**		
Block	: **7553** **Lot** : **41**	**BIN**	: **3205788**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$253,900
Electrical		$71,700
Total		**$325,600**
Importance Code A		$253,900
Importance Code B		$71,700
Total		**$325,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,000		$10,800	$100
Interior Architecture	$20,800			$2,100
Electrical	$3,700	$1,000	$700	$900
Mechanical	$1,300	$1,200	$1,200	$800
Site Enclosure	$9,800			
Site Pavements	$2,200			
Total	**$83,900**	**$2,100**	**$12,800**	**$4,000**
Importance Code A	$46,300	$300	$11,100	$400
Importance Code B	$29,500	$1,800	$1,600	$3,500
Importance Code C	$8,100			
Total	**$83,900**	**$2,100**	**$12,800**	**$4,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE
Asset # : 13395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	80%			LIFE	* *	5	$86,600	
Metal Panel	10%			2056	* *	5-10	$14,900	
Metal: Cage/Fence	10%	Now	$6,400	2047	* *	5	$4,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Lower And Upper Stands								
Windows								
Aluminum	10%			2052	* *	5	$200	
Glass Block	90%			LIFE	* *	5	$1,300	
Roof								
Single Ply Membrane	100%			2038	* *	10	$12,100	
Soffits								
Cast in Place Concrete	100%	Now	$39,600	LIFE	* *	5	$167,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Expansion Joint								
Interior								
Floors								
Cast in Place Concrete	70%			LIFE	* *	5	$14,400	
Quarry Tile	30%			2047	* *	5	$4,200	
Interior Walls								
Cast in Place Concrete	40%	Now	$8,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Corridor								
Ceramic Tile	10%			2043	* *	5	$1,300	
Concrete Masonry Unit	35%			LIFE	* *	5	$1,900	
Plaster	15%			LIFE	* *	5	$600	
Ceilings								
Exposed Struc: Concrete	45%	Now	$12,700	LIFE	* *	5	$700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Corridor								
Exposed Struc: Steel	50%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$600	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$9,800	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Along Property Perimeter								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Along Property Perimeter								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE
Asset # : 13395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$2,200	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Asphalt	100%			2043	* *			
Activity Yard								
Asphalt	10%			2043	* *			
Rubber Matting	15%			2038	* *			
Rubber Matting	75%			2038	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : Field								
Explanation : Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	95%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	5%			2060	* *	5		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electric Service Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electric Service Room								
Explanation : One 60 Ampere Fire Alarm Service Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2060	* *	5	$200	
Raceway								
Conduit	100%			2060	* *	1		
Panelboards								
Molded Case Bkrs	100%			2055	* *	5	$200	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE
Asset # : 13395

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2040	* *	10	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$800	
Exit, Battery	50%	0-2	$1,300	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : North And South Ends Of Main Corridor								
Explanation : Two Exit Signs Missing								
Exterior Lighting								
LED	100%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls And Stadium Seating Area								
Alarm								
Security System								
Generic	100%			2040	* *	1	$3,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$2,100	2040	* *	1-3	$4,500	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Elevator Shaft								
Explanation : Trouble Signal Alarm For Elevator Shaft Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2047	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One New Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2052	* *	4	$500	
Terminal Devices								
Air Handler	80%			2038	* *	1	$3,100	
Fan Coil Unit/Heat	20%			2038	* *	1	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE
Asset # : 13395

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	15%			2034	* *	2	$100	
Split Unit	15%			2038	* *			
No Component	70%							
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2	$1,200	
No Component	85%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Gallon And One 120 Gallon Electric Units Are Temporary Used.								
HW Heat Exchanger								
Steam Fired	100%			2056	* *	4	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2025	$200	4	$300	
Backflow Preventer								
Generic	100%			2038	* *	1	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2056	* *	1-2	$100	
Fire Pump								
Generic	100%			2043	* *	1	$1,200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MIDWOOD HIGH SCHOOL ADDITION- BK**		
Address	: **2886 BEDFORD AVENUE @ CAMPUS RD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K705**
Program / Asset #	: **BOE0622.020 / 14412**	**Yr Built/Renovated**	: **2008 /**
Area Sq Ft	: **51,068**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,Ph**		
Block	: **7553** **Lot** : **41**	**BIN**	: **3205788**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$68,400	$200,200
Interior Architecture		$90,700
Total	**$68,400**	**$290,900**
Importance Code A	$68,400	$200,200
Importance Code C		$90,700
Total	**$68,400**	**$290,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,900	$39,700	$2,700	
Interior Architecture	$104,500	$9,600	$5,700	
Electrical	$22,000	$57,100	$9,000	$9,300
Mechanical	$7,000	$13,600	$11,900	$7,500
Site Pavements	$13,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$172,800**	**$127,900**	**$37,200**	**$24,600**
Importance Code A	$20,400	$42,400	$5,300	$2,500
Importance Code B	$74,500	$85,600	$32,000	$22,100
Importance Code C	$77,900			
Total	**$172,800**	**$127,900**	**$37,200**	**$24,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL ADDITION- BK
Asset # : 14412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%			LIFE	* *	5	$65,900	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$16,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Enclosed Pedestrian Walkway Over Bedford Avenue								
Explanation : Connecting Bridge								
Metal Panel	15%			2050	* *	5-10	$90,600	
Windows								
Fiberglass Panel	10%			2046	* *	5	$5,500	
Glass Block	15%			LIFE	* *	5	$1,400	
Steel	75%			2046	* *	5	$136,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$5,900	
Masonry: Brick Cavity	70%			LIFE	* *	5	$5,300	
Metal Panel	3%			2050	* *	5	$900	
Metal Rail	17%			2043	* *	5-10	$23,400	
Roof								
IRMA/Protected Membrane	85%	Now	$17,900	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Connector Bridge								
Modified Bitumen	15%			2035	* *	10	$6,700	
Soffits								
Metal Panel	100%			2050	* *	5-10	$29,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$16,700	
Ceramic Tile	5%			2039	* *	5	$3,800	
Terrazzo	5%			LIFE	* *	5	$3,000	
Traffic Topping	20%			2035	* *	5	$19,100	
Vinyl Tile	60%			2035	* *	3	$17,200	
Interior Walls								
Concrete Masonry Unit	10%	4+	$35,500	LIFE	* *	5	$7,600	
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Roof Access Stair								
Gypsum Board	80%	Now	$42,300	LIFE	* *	5	$90,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : First Floor West Entry Hallway								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : First Floor West Entry Hallway								
Explanation : Insufficient Support For Wall Mounted Magnetic Door Hold.								
Steel Plate	10%			LIFE	* *	5	$11,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL ADDITION- BK
Asset # : 14412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	80%	0-2	$18,600	2043	* *	5	$28,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Concrete	15%			LIFE	* *	5	$1,600	
Gypsum Board	5%	Now	$6,100	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Connector Bridge								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Connector Bridge								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	5%			2039	* *			
Cast in Place Concrete	70%			2043	* *			
Pavers/Stone	25%			2039	* *			
Activity Yard								
Asphalt	95%	0-2	$13,500	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere, One 1,200 Ampere Main Disconnect Switches And One 400 Ampere Disconnect Switch For Fire Pump.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	95%			2046	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL ADDITION- BK
Asset # : 14412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$15,700	
Generators								
Diesel	100%			2039	* *	1	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor Generator Enclosure								
Explanation : Emergency Generator Rated At 275 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$1,900	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Enclosure								
Explanation : 150 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	1%			2035	* *	10	$500	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 1%								
Location : Library								
Fluorescent	98%			2035	* *	10	$45,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 98%								
Location : Throughout The Building								
Fluorescent	1%			2035	* *	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 1%								
Location : Main Lobby And Library								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	10%			2035	* *	1		
Exit, Battery	40%			2035	* *	10	$1,400	
Exterior Lighting								
Fluorescent	5%			2035	* *	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Roof And Elevated Walkway								
HID	95%			2035	* *	10	$100	
Alarm								

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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL ADDITION- BK
Asset # : 14412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2035	* *	1	$9,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2035	* *	1	$9,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout The Building								
Explanation : CCTV System								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$13,200	2035	* *	1-3	$28,600	
Devices Damaged, Extent : Light, Area Affected : 1%								
Location : Smoke Detector Not Operational At Third Floor Hallway By Elevator								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	100%			2035	* *	1	$25,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Units								
Terminal Devices								
Fan Coil Unit/Heat	20%			2035	* *	1	$3,300	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2035	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units Refrigerant R410a								
Split Unit	5%			2035	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$28,500	
Exhaust Fans								
Roof	100%			2035	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL ADDITION- BK
Asset # : 14412

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 200 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,100	
Backflow Preventer								
Generic	100%			2035	* *	1	$3,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Cellar To 3rd Floor, One Unit From 1st To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$25,800	
Sprinkler								
Generic	100%			2050	* *	1-2	$14,300	
Fire Pump								
Generic	100%			2039	* *	1	$9,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX**		
Address	: **1780 DR. MARTIN LUTHER KING JR. BLVD. - BX**		
Borough	: **BRONX**	**Agency's Number**	: **X338**
Program / Asset #	: **BOE1118.000 / 14574**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **96,049**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2866** **Lot** : **100**	**BIN**	: **2008470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$175,200
Interior Architecture	$57,500	$175,200
Electrical	$88,100	
Total	**$145,600**	**$350,400**
Importance Code A		$175,200
Importance Code B	$145,600	$57,500
Importance Code C		$117,700
Total	**$145,600**	**$350,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,800	$4,500	$6,700	$10,100
Interior Architecture		$8,200	$13,100	$5,400
Electrical	$17,400	$13,600	$16,200	$13,100
Mechanical	$13,100	$11,200	$17,700	$11,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$62,200**	**$45,400**	**$61,700**	**$47,700**
Importance Code A	$28,100	$9,900	$11,000	$15,300
Importance Code B	$34,100	$35,600	$50,700	$32,400
Importance Code C				
Total	**$62,200**	**$45,400**	**$61,700**	**$47,700**

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DEPARTMENT OF EDUCATION - 040
MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX
Asset # : 14574

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$23,800	LIFE	* *	5	$46,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Front Facade								
Masonry: Brick Cavity	90%			LIFE	* *	5	$107,700	
Metal Panel	2%			2050	* *	5-10	$16,500	
Window Wall	3%			2056	* *	5	$13,500	
Windows								
Aluminum	95%			2052	* *	5	$20,200	
Glass Block	5%			LIFE	* *	5	$700	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$5,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$3,800	
Roof								
IRMA/Protected Membrane	98%			2038	* *	10	$67,500	
Plaza Roof: Stone Panels	2%			2056	* *			
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Carpet	2%			2031	$50,900	3	$4,300	
Cast in Place Concrete	5%			LIFE	* *	5	$15,700	
Ceramic Tile	5%			2043	* *	5	$7,200	
Quarry Tile	5%			2047	* *	5	$10,800	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	73%			2038	* *	3	$39,400	
Wood	5%			2065	* *	5	$13,500	
Interior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *			
Ceramic Tile	20%			2043	* *	5	$56,000	
Concrete Masonry Unit	8%			LIFE	* *	5	$9,000	
Gypsum Board	70%			LIFE	* *	5	$117,700	
Ceilings								
AcousTileSusp.Lay-In	80%			2047	* *	5	$115,000	
Embossed Metal	3%			LIFE	* *	5	$1,900	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$9,000	
Wood	2%			LIFE	* *	5	$25,200	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2050	* *			
Iron Picket	30%			2074	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040
MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX
Asset # : 14574

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	50%			2039	* *			
Rubber Matting	50%			2035	* *			
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Play Yard								
Explanation : Edges Of Rubber Units Are Curling								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switches Rated At 3,000 Amperes And 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$29,600	
Generators								
Diesel	100%			2039	* *	1	$37,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Parking Lot								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,600	

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DEPARTMENT OF EDUCATION - 040
MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX
Asset # : 14574

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Parking Lot								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$86,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$1,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter Of The Building								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$59,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2056	* *	1		
Natural Gas	90%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX
Asset # : 14574

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%			2035	* *	1	$42,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Package Units								
Radiant Heater	10%			2035	* *	2	$4,500	
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2035	* *	2	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410a Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,600	
Exhaust Fans								
Roof	100%			2035	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units. Defective Control Systems.								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$26,900	
Fire Pump								
Generic	100%	0-2	$4,600	2039	* *	1	$16,100	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040
MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX
Asset # : 14574

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MORRIS HIGH SCHOOL - BX**		
Address	: **E 166 TH ST. AND BOSTON ROAD BTWN: EAST 166 ST., EAST 167 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X400**
Program / Asset #	: **BOE0318.000 / 376**	**Yr Built/Renovated**	: **1901 / 2015**
Area Sq Ft	: **182,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2019**	**Landmark Status**	: **INTERIOR, EXTERIOR, H-DISTRICT**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,5,6,7,8**		
Block	: **2634** **Lot** : **1**	**BIN**	: **2004526**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,076,700	$345,000
Interior Architecture	$1,272,600	$2,448,000
Electrical	$639,700	$5,108,400
Mechanical	$453,100	$3,971,400
Site Pavements	$304,800	
Total	**$3,747,000**	**$11,872,700**
Importance Code A	$1,076,700	$401,200
Importance Code B	$2,005,700	$11,279,200
Importance Code C	$664,600	$192,200
Total	**$3,747,000**	**$11,872,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$30,800			
Interior Architecture	$30,700	$39,400	$12,500	$12,500
Electrical	$55,500	$66,400	$17,700	$18,800
Mechanical	$118,200	$64,400	$57,300	$39,900
Site Enclosure	$48,700			
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$299,600**	**$186,100**	**$103,400**	**$87,000**
Importance Code A	$48,800	$18,400	$18,000	$18,000
Importance Code B	$187,500	$167,600	$85,300	$69,000
Importance Code C	$63,200			
Total	**$299,600**	**$186,100**	**$103,400**	**$87,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$95,200	
Repairs in Progress, Extent : N/A, Area Affected : 75%								
Location : Tower								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Tower								
Explanation : Netting And Sidewalk Sheds In Place								
Masonry: Brick	10%	Now	$109,800	LIFE	* *	5	$24,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Elevations								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Girls Restrooms In Basement								
Masonry: Brick Cavity	65%			LIFE	* *	5	$158,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Elevations								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick								
Masonry: Brick Cavity	10%			LIFE	* *	5	$24,400	
Repairs in Progress, Extent : N/A, Area Affected : 80%								
Location : Tower								
Masonry: Limestone	10%			LIFE	* *	5	$18,300	
Repairs in Progress, Extent : N/A, Area Affected : 80%								
Location : Throughout								
Windows								
Aluminum	93%	0-2	$741,500	2046	* *	5	$35,500	
Air Infiltration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Metal Louvers	2%			2039	* *	10	$9,500	
Steel	5%			2038	* *	5	$47,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Stained Glass								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$30,800	LIFE	* *	5	$19,200	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Tower								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$47,900	
Masonry: Brick	35%			LIFE	* *	5	$8,700	
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Metal Rail	25%			2047	* *	5-10	$111,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	30%			2045	* *	10	$94,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof Area								
Copper/Terne	20%			2065	* *	10	$63,000	
Modified Bitumen	35%			2038	* *	10	$44,100	
Skylight, Metal/Glass	5%			2050	* *	10	$21,000	
Under Construction	10%							
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$31,300	
Ceramic Tile	5%			2039	* *	5	$14,300	
Quarry Tile	5%			2043	* *	5	$21,500	
Terrazzo	5%			LIFE	* *	5	$11,200	
Vinyl Tile	35%			2035	* *	3	$37,600	
Vinyl Tile	10%	Now	$260,000	2040	* *	3	$10,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Vinyl Tile	25%			2030	$2,166,400	3	$35,800	
Wood	5%			2045	* *	5	$26,900	
Wood	5%	Now	$561,300	2070	* *	5	$13,400	
Dry Rot/Decay, Extent : Severe, Area Affected : 100%								
Location : Gymnasium 516								
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Gymnasium 516								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$29,100	
Concrete Masonry Unit	2%	Now	$359,800	LIFE	* *	5	$4,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Fan Room In Basement								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Fan Room In Basement								
Glass: Single Pane	2%			LIFE	* *	5	$8,700	
Gypsum Board	8%			LIFE	* *	5	$28,000	
Masonry: Brick	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$122,300	
Wood	3%			LIFE	* *	5	$69,900	
Under Construction	5%							

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DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$91,600	2035	* *	5	$32,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
AcousTileSusp.Lay-In	20%			2035	* *	5	$52,000	
Gypsum Board	5%			LIFE	* *	5	$16,200	
Plaster	52%			LIFE	* *	5	$84,400	
Plaster	3%			LIFE	* *	5	$4,900	
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$48,700	2050	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Parking Area And Throughout								
Iron Picket	50%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2050	* *			
Retaining Walls								
Masonry: Fieldstone	100%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	100%	Now	$304,800	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Potholes, Extent : Severe, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$56,300	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$284,900	5	$600	
Molded Case Bkrs	20%			2030	$71,200	5	$1,000	
Raceway								
Conduit	100%			2030	$369,200	1		
Panelboards								
Fused Disc Sw	10%			2029	$37,200	5	$400	
Molded Case Bkrs	90%			2029	$334,400	5	$4,300	

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DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	20%	2-4	$98,400	2055	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	80%			2030	$393,600	1		
Motor Controllers								
Locally Mounted	100%			2028	$198,700	5	$1,200	
Ground								
Grounding Devices								
Generic	100%	2-4	$11,400	LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	$29,300	1	$56,000	
Generators								
Diesel	100%			2026	$151,900	1	$70,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 300 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,700	5	$40,600	
Fuel Storage								
Day Tank	50%			2029	$14,000	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 50 Gallons								
Main Tank	50%			2033	$42,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Tank Room Basement								
Explanation : One 10,000 Gallons								
Lighting								
Interior Lighting								
Fluorescent	92%			2030	$2,733,700	10	$153,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2030	$118,900	10	$6,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways, Kitchen								
HID	2%			2025	$47,200	10	$100	
Incandescent	2%			2025	$110,400	2	$100	
Egress Lighting								
Emergency, Service	50%			2030	$61,400	1		
Exit, Service	50%			2030	$43,000	1		

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DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%			2025	$279,000	10	$200	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2033	$59,400	5	$1,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$112,300	1	$20,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$154,200	1-3	$34,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$180,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 4 Steam Boilers								
Distribution								
Steam Piping/Pump	90%			2040	* *			
Steam Piping/Pump	10%	0-2	$31,900	2030	$159,600			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%	0-2	$7,500	2030	$375,100	1	$10,100	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Coil Of Unit H3, Fan Room								
Air Handler	20%			2030	$750,200	1	$22,500	
Convector/Radiator	10%	0-2	$32,600	2028	$163,000	1	$5,300	
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Thermostats And Radiators, Throughout								
Convector/Radiator	60%			2028	$978,000	1	$35,300	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%	0-2	$5,900	2030	$294,100	1	$7,600	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : 12 Units, Various Locations								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 24 Small Units, Various Locations								
Window/Wall Unit	60%			2025	$453,100	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2030	$425,700	1	$5,900	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2030	$40,400	2	$12,700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$101,500	
Exhaust Fans								
Interior	50%			2030	$442,000	2	$2,800	
Roof	50%			2030	$193,400	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$18,700	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$39,900	4	$3,800	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$7,200	

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DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2035	* *	1	$11,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 5th Floor, One Unit From 1st To 5th Floor								
Explanation : Two Units. Both Unit Have Door Control Problem.								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$91,800	
Sprinkler								
No Component	60%							
Generic	40%			2040	* *	1-2	$20,400	
Fire Pump								
Generic	25%	0-2	$2,400	2033	$47,600	1	$7,700	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Leaking At The Pump								
Generic	75%			2033	$142,700	1	$25,500	
Chemical System								
No Component	99%							
Generic	1%			2025	$900	1-3	$700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **MOTT HAVEN EDU.. CAMPUS - BX**		
Address	: **730 CONCOURSE VILLAGE WEST BTWN E.153 ST. - E.156 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X790**
Program / Asset #	: **BOE1122.000 / 14578**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **300,238**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **2443** **Lot** : **78**	**BIN**	: **2103486**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$513,800	$1,013,400
Interior Architecture	$93,600	$1,248,700
Electrical	$555,600	
Mechanical	$39,200	$156,000
Total	**$1,202,200**	**$2,418,100**
Importance Code A	$513,800	$1,013,400
Importance Code B	$594,800	$716,600
Importance Code C	$93,600	$688,100
Total	**$1,202,200**	**$2,418,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$67,400			$46,100
Interior Architecture	$165,700		$32,300	$36,500
Electrical	$28,400	$34,500	$31,200	$31,500
Mechanical	$123,500	$53,700	$119,900	$68,800
Site Enclosure	$42,900			
Site Pavements	$36,400			
Elevators/Escalators	$44,400	$44,400	$44,400	$44,400
Total	**$508,600**	**$132,600**	**$227,900**	**$227,300**
Importance Code A	$83,500	$13,400	$16,800	$59,400
Importance Code B	$402,300	$119,300	$211,100	$167,800
Importance Code C	$22,700			
Total	**$508,600**	**$132,600**	**$227,900**	**$227,300**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDU.. CAMPUS - BX
Asset # : 14578

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	20%			LIFE	* *	5	$65,600	
Metal Panel	20%			2057	* *	5-10	$450,700	
Pre-Cast Concrete	55%			LIFE	* *	5	$586,000	
Window Wall	5%			2057	* *	5	$61,500	
Windows								
Aluminum	90%	4+	$186,000	2047	* *	5	$39,000	
Hardware Missing, Extent : Light, Area Affected : 5%								
Location : Classroom On 1st And 2nd Floor								
Glass Block	5%			LIFE	* *	5	$2,700	
Metal Louvers	5%			2044	* *	10	$27,100	
Parapets								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,800	
Metal Panel	10%			2057	* *	5	$9,800	
Metal Rail	10%			2048	* *	5-10	$45,600	
Metal Security Bars	10%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Around Terraces								
Explanation : This Component Is Acually Iron Fence								
Pre-Cast Concrete	60%			LIFE	* *	5	$95,200	
Roof								
IRMA/Protected Membrane	55%			2039	* *	10	$86,200	
Metal Panel	20%			2048	* *	10	$57,500	
Modified Bitumen	3%			2039	* *	10	$4,700	
Plaza Roof: Stone Panels	20%	Now	$40,300	2051	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Planting Area Near Kipp Academy Entrance Leaking Into Closet Below								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Over Terraces								
Explanation : This Component Is Actually Concrete Pavers And Stone Screening At Plantings								
Skylight, Metal/Glass	2%			2057	* *	10	$10,500	
Interior								

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDU.. CAMPUS - BX
Asset # : 14578

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2032	$397,400	3	$33,700	
Cast in Place Concrete	5%			LIFE	* *	5	$49,200	
Ceramic Tile	7%			2044	* *	5	$31,500	
Quarry Tile	3%			2048	* *	5	$20,200	
Terrazzo	1%	0-2	$8,400	LIFE	* *	5	$3,500	
Uneven Surface, Extent : Light, Area Affected : 1%								
Location : Basement Reception Desk, Tile Movement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Lobby And Cellar Lobby								
Explanation : Terrazo Tile								
Terrazzo	9%			LIFE	* *	5	$31,600	
Vinyl Tile	65%			2039	* *	3	$146,000	
Wood	5%			2066	* *	5	$42,100	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	20%			2044	* *	5	$187,200	
Concrete Masonry Unit	3%			LIFE	* *	5	$11,200	
Folding Partition	5%			2053	* *	5	$117,000	
Glass: Single Pane	2%	Now	$22,700	LIFE	* *	5	$14,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Lunchroom								
Gypsum Board	65%			LIFE	* *	5	$365,100	
Wood	3%			LIFE	* *	5	$112,300	
Ceilings								
AcousTileSusp.Lay-In	11%	4+	$16,400	2048	* *	5	$24,700	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Basement								
AcousTileSusp.Lay-In	56%			2048	* *	5	$251,700	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	20%	Now	$31,400	LIFE	* *	5	$112,300	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : B69 Closet								
Metal Panel	3%	4+	$8,900	LIFE	* *	5	$16,900	
Bent/Warped Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Wood	5%	4+	$25,500	LIFE	* *	5	$196,600	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Audtiorium								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2057	* *			
Iron Picket	35%			2075	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2075	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDU.. CAMPUS - BX
Asset # : 14578

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	35%			2075	* *			
Concrete Masonry Unit	65%	4+	$42,900	2057	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Along Concourse Village West								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Asphalt	100%			2044	* *			
Activity Yard								
Cast in Place Concrete	15%			2048	* *			
Pavers/Stone	15%	2-4	$36,400	2044	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Kipp Academy Plaza And Terrace By Football Field								
No Component	70%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Football Field								
Explanation : Astroturf No Repair Needed								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room, Room C20								
Explanation : Five 1,200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2044	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room And Some Electrical Closet								
Explanation : Four 300 Kilovolt-ampere, 408/208/120 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2051	* *	5	$7,900	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$700	
Molded Case Bkrs	90%			2047	* *	5	$7,100	
Wiring								
Thermoplastic	100%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDU.. CAMPUS - BX
Asset # : 14578

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2044	* *	5	$400	
Variable Frequency Drive	80%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$92,400	
Generators								
Diesel	100%			2040	* *	1	$116,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 500 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$11,100	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	86%			2036	* *	10	$236,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2036	* *	10	$27,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways And Bathrooms								
Fluorescent	1%			2036	* *	10	$2,800	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Information Area First Floor								
Fluorescent	3%			2036	* *	10	$8,300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Mechanical Room Sub-basement								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$280,200	10	$200	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	95%							
Generic	5%			2059	* *	5	$100	
Alarm								

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDU.. CAMPUS - BX
Asset # : 14578

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2036	* *	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$38,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Some Classrooms, Mechanical And Electrical Room								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Alarm Bells, Smoke Heat Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2051	* *	1		
Natural Gas	90%			2051	* *	1		
Conversion Equipment								
Furnace	70%			2036	* *	1	$103,900	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 8 Packaged Rooftop Air Conditioning Units With Natural Gas Furnaces								
Hot Water Boiler	20%			2044	* *	1	$29,700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Third Floor Mechanical Rooms								
Explanation : 4 Natural Gas Burning Hot Water Boilers								
Radiant Heater	10%			2036	* *	2	$13,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Various								
Explanation : 35 Electricity Units								
Distribution								
Hot Wtr Piping/Pump	20%			2047	* *	4	$3,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Service To Fin Tube Radiators								
Explanation : Dual Temperature System								
No Component	80%							

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDU.. CAMPUS - BX
Asset # : 14578

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2036	* *	1	$27,900	
Convector/Radiator	5%			2044	* *	1	$4,900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Various								
Explanation : Hot Water Fin Tube Radiators								
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2036	* *	1	$27,900	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : R-407a								
Ext Pkg Unit - Heating/Cooling	77%			2036	* *	2	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof, Serves Classrooms, Offices And Corridors Throughout								
Explanation : 8 Packaged Rooftop Air Conditioning Units With Natural Gas Furnaces								
Split Unit	3%			2036	* *			
Other Observation, Extent : Light, Area Affected : 3%								
Location : Roof								
Explanation : 2 Units. R-410a								
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2051	* *	4	$3,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Explanation : Dual Temperature Piping And Pumping								
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2036	* *	1	$37,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Cafeteria And Auditorium								
Explanation : Dual Temperature System								
Fan Coil - 2 Pipe	5%			2036	* *	1	$4,900	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$209,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Packaged Rooftop Units. Air Cooled Chiller And Split Units								
Ventilation								

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDU.. CAMPUS - BX
Asset # : 14578

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$167,400	
Exhaust Fans								
Interior	20%			2039	* *	2	$1,800	
Roof	80%			2036	* *	2	$7,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Bulkhead Mechanical Room								
Explanation : 4 Natural Gas Burning Hot Water Heaters								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Galvanized Iron Piping								
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$17,900	
Backflow Preventer								
Generic	100%			2036	* *	1	$18,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 8 Units From Basement To 3rd Floor, 1 Unit From Basement To Cellar								
Explanation : 9 Units								
Fire Suppression								
Standpipe								
Generic	100%			2057	* *	1-5	$157,000	
Sprinkler								
Generic	100%			2051	* *	1-2	$84,100	
Fire Pump								
Generic	100%	Now	$14,300	2040	* *	1	$50,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Fire Pump Leaking Water At The Shaft/bearing End								
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**MURRY BERGTRAUM H.S. - M**			
Address	:	**411 PEARL ST @ MADISON ST.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M520**
Program / Asset #	:	**BOE0138.000 / 165**	**Yr Built/Renovated**	:	**1975 / 2009**
Area Sq Ft	:	**305,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**28-Jun-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3,4,5,6,Mez**			
Block	:	**113** **Lot** : **100**	**BIN**	:	**1001388**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,665,900	$348,300
Interior Architecture	$1,412,900	$9,863,400
Electrical	$138,700	$9,224,900
Mechanical	$7,579,300	$11,046,500
Site Pavements	$218,400	
Total	**$11,015,200**	**$30,483,200**
Importance Code A	$1,665,900	$451,100
Importance Code B	$8,299,500	$29,835,500
Importance Code C	$1,049,800	$196,600
Total	**$11,015,200**	**$30,483,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$75,100			
Interior Architecture	$149,700			$52,800
Electrical	$56,500	$49,700	$53,100	$58,900
Mechanical	$811,800	$110,900	$162,400	$76,500
Site Enclosure	$12,000			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$1,116,900**	**$172,400**	**$227,300**	**$200,100**
Importance Code A	$75,100		$9,100	
Importance Code B	$1,006,400	$172,400	$218,300	$200,100
Importance Code C	$35,400			
Total	**$1,116,900**	**$172,400**	**$227,300**	**$200,100**

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DEPARTMENT OF EDUCATION - 040
MURRY BERGTRAUM H.S. - M
Asset # : 165

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	Now	$1,284,900	LIFE	* *	5	$295,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Loading Dock								
Pre-Cast Concrete	5%			LIFE	* *	5	$106,500	
Window Wall	5%			2053	* *	5	$61,500	
Windows								
Aluminum	98%	Now	$202,500	2049	* *	5	$42,500	
Air Infiltration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Louvers	2%			2042	* *	10	$10,800	
Parapets								
Cast in Place Concrete	5%			LIFE	* *	5	$26,000	
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$146,700	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$31,700	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Coping								
Roof								
IRMA/Protected Membrane	30%	Now	$22,300	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof Into 4th Floor								
Modified Bitumen	70%	0-2	$24,000	2038	* *			
Ponding, Extent : Light, Area Affected : 1%								
Location : Main Roof								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$196,600	
Ceramic Tile	5%			2042	* *	5	$22,500	
Quarry Tile	3%	0-2	$49,600	2046	* *	5	$10,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Terrazzo	3%			LIFE	* *	5	$21,100	
Vinyl Tile	74%			2033	$9,186,600	3	$166,300	
Wood	5%			2048	* *	5	$42,100	

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DEPARTMENT OF EDUCATION - 040
MURRY BERGTRAUM H.S. - M
Asset # : 165

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$71,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Sub Basement								
Concrete Masonry Unit	15%	Now	$264,000	LIFE	* *	5	$56,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Loading Dock								
Folding Partition	2%	Now	$129,600	2041	* *	5	$23,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 75%								
Location : Gymnasium And Auditorium								
Gypsum Board	2%			LIFE	* *	5-10	$31,800	
Masonry: Brick	1%			LIFE	* *	10	$2,800	
Plaster	50%			LIFE	* *	5-10	$397,900	
SGFT/Glazed Masonry	23%			LIFE	* *	10	$107,700	
SGFT/Glazed Masonry	2%	Now	$168,300	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Corridor Adjacent Elevator And Gymnasium								
Ceilings								
AcousTileSusp.Lay-In	17%			2038	* *	5	$76,400	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$28,100	
Gypsum Board	13%			LIFE	* *	5-10	$200,800	
Metal Panel	45%	Now	$133,900	LIFE	* *	5	$252,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Corridors And Basement								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Corridors And Basement								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Corridors And Basement								
Plaster	20%	Now	$54,700	LIFE	* *	5	$56,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Locker Room								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	30%			2068	* *			
Masonry: Brick	20%	Now	$12,000	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Rear Service Entrance On Avenue Of The Finest								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
MURRY BERGTRAUM H.S. - M
Asset # : 165

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$166,800	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Perimeter Sidewalk Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$51,600	2046	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 75%								
Location : Rear Service Entrance On Avenue Of The Finest								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$102,800	5	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 5,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$650,200	5	$1,300	
Raceway								
Conduit	90%			2033	$606,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$63,900	5	$700	
Molded Case Bkrs	10%			2041	* *	5	$800	
Molded Case Bkrs	80%			2032	$510,900	5	$6,400	
Wiring								
Thermoplastic	90%			2033	$808,600	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	$36,300	5	$200	
Motor Control Center	70%			2031	$1,017,900	5	$5,800	
Variable Frequency Drive	20%			2038	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$9,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$93,800	
Generators								
Diesel	100%	Now	$138,700	2048	* *	1	$106,300	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Penthouse								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
MURRY BERGTRAUM H.S. - M
Asset # : 165

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$11,300	
Fuel Storage								
Day Tank	20%			2032	$5,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 50 Gallons Rated Capacity								
Main Tank	80%			2036	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2033	$3,637,300	10	$223,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2033	$136,400	10	$8,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Light								
HID	1%			2028	$36,100	10	$100	
Incandescent	1%			2028	$84,500	2	$100	
LED	15%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$93,900	1		
Exit, Service	50%			2033	$65,800	1		
Exterior Lighting								
HID	30%			2028	$426,900	10	$300	
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$113,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$786,700	1-3	$193,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
MURRY BERGTRAUM H.S. - M
Asset # : 165

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2036	* *	5	$18,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 6th Floor Mezzanine								
Explanation : 4 Heat Exchangers								
Distribution								
Hot Wtr Piping/Pump	10%	0-2	$6,700	2032	$66,700	4	$1,500	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Circulating Pump, 6th Floor Mezzanine								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Expansion Tank And Water Piping On Sixth Floor								
Steam Piping/Pump	90%	Now	$44,000	2033	$2,198,100			
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Condensate Return Pumps, 6th Floor.								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Steam Room And 6th Floor								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Steam Room								
Terminal Devices								
Air Handler	90%	0-2	$1,549,700	2043	* *	1	$152,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coils, 6th Floor								
Not Energy Efficient, Extent : Moderate, Area Affected : 90%								
Location : All Units, 6th Floor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 6th Floor								
Convector/Radiator	5%			2031	$124,700	1	$4,900	
Unit Heater - Hot Water	5%	0-2	$18,100	2028	$90,400			
Not in Service, Extent : Moderate, Area Affected : 90%								
Location : Various Locations								
Controls								
Pneumatic	100%	0-2	$589,500	2027	$5,894,600			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Steam/HW System	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040
MURRY BERGTRAUM H.S. - M
Asset # : 165

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Steam/HW	85%			2036	* *	1	$280,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 6th Floor								
Explanation : 2 Units								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2033	$419,200	4	$22,500	
Terminal Devices								
Air Handler/Cool/Ht	85%			2033	$4,275,800	1	$160,300	
No Component	15%							
Heat Rejection								
Water Cooling Tower	85%			2034	* *	2	$260,900	
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	$67,000	LIFE	* *	2-5	$17,000	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Mixing Boxes For Hot And Cold Deck System, Various Locations.								
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Damper Actuators, 6th Floor.								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$242,300	
Exhaust Fans								
Interior	100%			2028	$1,352,700	2	$9,300	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	Now	$19,600	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : 6th Floor								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Booster Pump In Subcellar								
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Hot Water Circulating Pumps, 6th Floor Mezzanine								
Brass/Copper	90%			2043	* *	1		
Water Heater With Tanks								
Electric	10%			2033	$4,700	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 40 Gallon Unit, One 30 Gallon Unit.								
No Component	90%							
HW Heat Exchanger								
Steam Fired	100%			2033	$1,474,800	4	$45,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
MURRY BERGTRAUM H.S. - M
Asset # : 165

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	$159,700	4	$18,200	
Backflow Preventer								
Generic	100%			2033	$136,200	1	$18,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One From Sub-basement To Sixth Floor, One From Basement To Sixth Floor								
Explanation : 2 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To First Floor								
Explanation : 1 Freight Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$153,800	
Sprinkler								
No Component	85%							
Generic	15%			2033	$632,700	1-2	$12,800	
Fire Pump								
Generic	100%			2036	* *	1	$57,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **NEW DORP HIGH SCHOOL - SI**		
Address	: **465 NEW DORP LANE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R435**
Program / Asset #	: **BOE0947.000 / 1423**	**Yr Built/Renovated**	: **1982 / 2006**
Area Sq Ft	: **460,116**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3930** **Lot** : **10**	**BIN**	: **5055367**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,965,200	$638,500
Interior Architecture	$3,018,100	$12,052,600
Electrical	$110,600	$10,649,600
Mechanical	$7,460,100	$17,866,100
Site Pavements	$401,800	
Total	**$13,955,700**	**$41,206,800**
Importance Code A	$3,466,500	$792,700
Importance Code B	$9,189,900	$40,286,500
Importance Code C	$1,299,300	$127,600
Total	**$13,955,700**	**$41,206,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,500		$17,300	
Interior Architecture	$128,200		$43,000	$80,900
Electrical	$85,400	$74,900	$79,800	$89,500
Mechanical	$197,600	$236,400	$213,100	$309,700
Site Enclosure	$10,400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$483,900**	**$319,200**	**$361,100**	**$488,000**
Importance Code A	$88,600	$45,600	$62,900	$45,600
Importance Code B	$360,000	$273,700	$298,200	$430,400
Importance Code C	$35,300			$12,000
Total	**$483,900**	**$319,200**	**$361,100**	**$488,000**

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DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$659,700	
Repairs in Progress, Extent : N/A, Area Affected : 80%								
Location : All Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 25%								
Location : Main Entrance Area								
Windows								
Aluminum	100%			2049	* *	5	$56,100	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$205,300	
Metal Rail	5%			2046	* *	5-10	$28,500	
Roof								
Built-Up (BUR)	93%	4+	$2,460,100	2038	* *			
Alligatoring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : N/A, Area Affected : 2%								
Location : Over Classrooms								
Built-Up (BUR)	7%			2028	$308,600	10	$26,400	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Carpet	5%			2032	$609,000	3	$51,700	
Cast in Place Concrete	5%	4+	$58,600	LIFE	* *	5	$75,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Boiler Room								
Ceramic Tile	5%			2042	* *	5	$34,400	
Panel/Paver: Cer/Brk	5%			2049	* *	5	$77,500	
Quarry Tile	5%			2046	* *	5	$51,700	
Terrazzo	5%			LIFE	* *	5	$53,800	
Vinyl Tile	60%	Now	$1,141,500	2033	$11,415,000	3	$155,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Corridors								
Wood	10%			2061	* *	5	$129,100	

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DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$100,300	
Ceramic Tile	3%			2042	* *	5	$24,100	
Concrete Masonry Unit	5%	0-2	$75,500	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	2%			2049	* *	5	$40,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	2%			LIFE	* *	10	$4,800	
Metal Panel	5%	0-2	$103,800	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	53%	0-2	$517,600	LIFE	* *	5	$127,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$100,300	
Ceilings								
AcousTile,Adhered	45%	Now	$498,700	2046	* *	5	$155,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
AcousTileConcealSpLn	15%			2038	* *	5	$129,100	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$43,000	
Exposed Struc: Steel	15%			LIFE	* *	10	$206,600	
Plaster	20%			LIFE	* *	5-10	$236,700	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Iron Picket	25%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$10,400	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Front Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	25%			2042	* *			
Cast in Place Concrete	55%			2046	* *			
Pavers/Stone	20%			2042	* *			

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DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	0-2	$401,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	25%			2046	* *			
Rubber Matting	75%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$154,200	5	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 1,600 Ampere, Two 3,000 Ampere Main Service Switches								
Transformers								
Dry Type	50%			2031	$13,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,000 Kilovolt Amperes And Two 750 Kilovolt Amperes, 208 Volts Primary, 265/480 Volts Secondary								
Dry Type	50%			2031	$13,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room No.2								
Explanation : T-5 500 Kilovolt Amperes, T-6 75 Kilovolt Amperes, T-7 30 Kilovolt Amperes, T-10 45 Kilovolt Amperes, T-11 30 Kilovolt Amperes, 480 Volts Primary, 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$975,300	5	$2,000	
Raceway								
Conduit	100%			2033	$1,011,400	1		
Panelboards								
Fused Disc Sw	10%			2032	$97,800	5	$1,100	
Molded Case Bkrs	90%			2032	$880,100	5	$10,900	
Wiring								
Thermoplastic	100%			2033	$1,347,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$544,300	5	$3,100	
Ground								

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DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$141,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Zenith Control Transfer Switch								
Generators								
Diesel	100%			2029	$138,700	1	$178,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 250 Kilowatt, 312.5 Kilovolt Amperes Consolidated Power Generator Set								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$102,500	
Fuel Storage								
Day Tank	100%			2032	$25,600	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	54%			2033	$3,703,800	10	$227,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms And Basement								
Explanation : T-8 Lamps								
Fluorescent	2%			2028	$137,200	10	$8,400	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement Some Areas								
Fluorescent	2%			2028	$137,200	10	$8,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
HID	2%			2028	$109,000	10	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : High Intensity Discharge Light Fixtures								
LED	40%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Stage And Hallways								

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DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2028	$113,400	1		
Emergency, Battery	10%			2033	$77,200	10	$11,100	
Exit, LED	10%			2068	* *	1		
Exit, Service	40%			2028	$79,400	1		
Exterior Lighting								
LED	5%	0-2	$12,300	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Athletic Field								
Explanation : Section Of Flood Lighting For Athletic Field Is Not Working								
LED	15%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$431,900	1	$85,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Generic	50%			2028	$431,900	1	$85,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%	0-2	$59,300	2038	* *	1-3	$257,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway								
Explanation : Fire Alarm Control Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	* *	5	$142,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 15,000 Gallon Tanks								

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DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	25%	Now	$501,300	2038	* *	1	$102,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking At Metering Valve								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Pressure Vessel Leaking On 1 Of 4 Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Steam Boilers								
Steam Boiler	75%			2038	* *	1	$341,800	
Distribution								
Hot Wtr Piping/Pump	40%	0-2	$201,200	2041	* *	4	$9,100	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Leaking Vacuum And Condensate Pump At The Seal								
Steam Piping/Pump	60%			2043	* *			
Terminal Devices								
Air Handler	50%	0-2	$2,164,700	2033	$4,329,300	1	$128,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Locker Room. One Unit Malfunctioning At Locker Room								
Convector/Radiator	25%			2038	* *	1	$37,200	
Fan Coil Unit/Heat	25%			2033	$2,852,000	1	$37,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : Dual Temperature Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	40%			2049	* *	1		
Steam/HW System	60%			2043	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	60%	0-2	$4,478,800	2036	* *	1	$268,900	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Leaking Pump At Absorber Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Lithium Bromide Refrigerant								
Split Unit	10%			2033	$1,092,600			
Window/Wall Unit	30%			2028	$522,900	1		
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2043	* *	4	$13,600	
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2033	$5,356,700	1	$170,700	
No Component	40%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cooling Tower	60%			2031	$1,394,500	2	$277,800	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Rooftop								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$406,200	
Exhaust Fans								
Interior	30%			2033	$612,200	2	$4,200	
Roof	70%			2033	$625,000	2	$9,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$45,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Two 500 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$92,100	4	$14,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2033	$41,100	1	$5,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Boilers Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$232,000	
Sprinkler								
No Component	50%							
Generic	50%			2053	* *	1-2	$64,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2028	$612,000	1-3	$606,700	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression, 150 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **NEW EXPLORATIONS INTO SCIENCE TECH. AND MATH H.S. (OLD JHS 22)**
Address : **111 COLUMBIA STREET BTWN: STANTON ST - E.HOUSTON ST**
Borough : **MANHATTAN** | **Agency's Number** : **M022**
Program / Asset # : **BOE0014.000 / 440** | **Yr Built/Renovated** : **1959 / 2010**
Area Sq Ft : **151,000** | **Project Type** : **EDUCATION**
Date of Survey : **27-Apr-2022** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **335** **Lot** : **1** | **BIN** : **1004070**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$304,800	$599,000
Interior Architecture	$366,600	$2,199,200
Electrical	$363,400	$1,352,500
Mechanical	$57,200	$2,423,700
Site Pavements	$218,700	
Total	**$1,310,600**	**$6,574,500**
Importance Code A	$304,800	$825,700
Importance Code B	$855,200	$5,748,800
Importance Code C	$150,600	
Total	**$1,310,600**	**$6,574,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$116,600			
Interior Architecture	$158,600		$74,600	$1,500
Electrical	$19,600	$14,100	$14,800	$18,500
Mechanical	$103,400	$16,700	$29,200	$19,600
Site Enclosure	$5,600			
Total	**$403,800**	**$30,800**	**$118,600**	**$39,600**
Importance Code A	$120,400	$3,700	$6,000	$3,700
Importance Code B	$191,400	$27,100	$107,700	$35,900
Importance Code C	$91,900		$5,000	
Total	**$403,800**	**$30,800**	**$118,600**	**$39,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. AND MATH H.S. (OLD JHS 22)

Asset # : 440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$54,000	
Ceramic Tile	20%			2053	* *	10	$10,100	
Masonry: Brick	25%			LIFE	* *	5	$27,000	
Metal/Glass Curt Wall	45%			LIFE	* *	5	$91,000	
Windows								
Aluminum	98%			2049	* *	5	$7,100	
Metal Louvers	2%			2042	* *	10	$900	
Parapets								
Masonry: Brick	10%			LIFE	* *	5-10	$15,300	
Metal Rail	80%			2050	* *	5-10	$322,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$28,100	
Roof								
Built-Up (BUR)	25%			2038	* *	10	$42,400	
Copper/Terne	5%			2048	* *	10	$21,200	
IRMA/Protected Membrane	60%			2041	* *	10	$101,800	
Single Ply Membrane	10%			2041	* *	10	$17,000	
Soffits								
Cast in Place Concrete	100%	4+	$178,200	LIFE	* *	5	$301,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Carpet	3%			2032	$129,000	3	$10,900	
Cast in Place Concrete	10%			LIFE	* *	5	$106,400	
Ceramic Tile	5%			2036	* *	5	$12,200	
Quarry Tile	2%			2046	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$19,000	
Vinyl Tile	65%			2041	* *	3	$59,300	
Vinyl Tile 9" X 9"	5%			2028	$2,146,000	3	$6,100	
Wood	5%	0-2	$36,300	2048	* *	5	$11,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$10,000	
Concrete Masonry Unit	25%			LIFE	* *	5	$40,100	
Folding Partition	2%			2049	* *	5	$10,000	
Plaster	48%	Now	$46,800	LIFE	* *	5	$28,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Music C69								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$20,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. AND MATH H.S. (OLD JHS 22)

Asset # : 440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2046	* *	5	$73,000	
AcousTileConcealSpLn	20%			2038	* *	5	$60,800	
Exposed Struc: Concrete	43%	Now	$313,400	LIFE	* *	5	$16,300	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Basement Music Room C69								
Metal Panel	2%			LIFE	* *	5	$12,200	
Plaster	5%			LIFE	* *	5-10	$20,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$5,600	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Ramp At Rear Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	100%	0-2	$150,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Activity Yard								
Asphalt	30%			2042	* *			
Cast in Place Concrete	65%	4+	$68,100	2046	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Various								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Various								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. AND MATH H.S. (OLD JHS 22)

Asset # : 440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2033	$36,000	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,000 Amperes								
Fused Disc Sw	30%			2059	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes. Used For Solar System								
Switchgear / Switchboard								
Fused Disc Sw	30%			2053	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Vertical Section								
Molded Case Bkrs	70%			2033	$204,800	5	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	80%			2033	$231,100	1		
Conduit	20%			2053	* *	1		
Panelboards								
Molded Case Bkrs	80%			2032	$239,500	5	$3,200	
Molded Case Bkrs	2%	2-4	$6,000	2058	* *	5		
Enclosure Corroded, Extent : Light, Area Affected : 100%								
Location : Basement Corridor								
Molded Case Bkrs	18%			2041	* *	5	$700	
Wiring								
Braided Cloth	20%	2-4	$79,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	80%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$127,000	5	$700	
Locally Mounted	30%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. AND MATH H.S. (OLD JHS 22)

Asset # : 440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$124,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2038	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Gymnasium And Auditorium								
Explanation : LED Light								
Egress Lighting								
Emergency, Service	10%			2028	$9,300	1		
Emergency, Battery	40%			2038	* *	10	$14,600	
Exit, Battery	50%			2038	* *	10	$5,100	
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%	2-4	$283,500	2043	* *	1	$50,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$389,500	1-3	$95,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Station, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Steam From Con Edison								
Conversion Equipment								
Heat Exchanger, Plate & Frame	50%			2029	$190,700	1	$37,300	
Pres. Reducing Valve/LP Steam	50%			2036	* *	5	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. AND MATH H.S. (OLD JHS 22)

Asset # : 440

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	60%			2032	$198,100	4	$6,700	
Hot Wtr Piping/Pump	10%	Now	$3,300	2041	* *	4	$700	
Leak Evident, Extent : Severe, Area Affected : 40%								
Location : Circulation Pumps, Basement								
Steam Piping/Pump	30%			2033	$362,800			
Terminal Devices								
Air Handler	30%	Now	$17,000	2028	$852,500	1	$25,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : The Coil Of Auditorium Unit								
Convector/Radiator	70%			2038	* *	1	$34,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	20%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units, Roof								
Window/Wall Unit	50%			2028	$286,000	1		
Window/Wall Unit	10%	0-2	$57,200	2033	$57,200	1		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2038	* *	1	$9,800	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2038	* *	2	$21,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$133,300	
Exhaust Fans								
Roof	100%			2033	$293,000	2	$4,600	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	Now	$9,700	2043	* *	1		
Corroded, Extent : Severe, Area Affected : 80%								
Location : The Water Main Valve In Basement Steam Room								
Brass/Copper	90%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$14,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. AND MATH H.S. (OLD JHS 22)

Asset # : 440

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	Now	$9,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking To Music Classroom C69.								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$30,200	4	$4,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Duplex Sets								
Sewage Ejector(s)								
Electric	100%			2033	$79,100	4	$9,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$104,400	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **NEW SCHOOL FOR ARTS AND SCIENCES - BX /FORMER P.S. 39 - BX**		
Address	: **965 LONGWOOD AVENUE @ BECK ST**		
Borough	: **BRONX**	**Agency's Number**	: **X039**
Program / Asset #	: **BOE1021.000 / 13463**	**Yr Built/Renovated**	: **1905 / 2009**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2710** **Lot** : **1**	**BIN**	: **2005616**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$97,700	$150,500
Interior Architecture	$304,100	$1,586,200
Electrical		$444,300
Mechanical	$411,400	$3,229,100
Total	**$813,200**	**$5,410,000**
Importance Code A	$97,700	$817,300
Importance Code B	$555,900	$3,923,400
Importance Code C	$159,600	$669,300
Total	**$813,200**	**$5,410,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,500	$2,500		$16,300
Interior Architecture	$7,000		$8,600	$4,700
Electrical	$2,700	$4,600	$3,500	$2,600
Mechanical	$34,000	$49,900	$19,600	$11,600
Site Pavements	$12,700			
Total	**$82,900**	**$57,000**	**$31,700**	**$35,200**
Importance Code A	$34,500	$37,100	$8,000	$24,300
Importance Code B	$48,400	$19,800	$23,700	$10,900
Importance Code C				
Total	**$82,900**	**$57,000**	**$31,700**	**$35,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS AND SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$31,500	
Masonry: Brick	80%			LIFE	* *	5	$64,400	
Masonry: Brick	8%	Now	$26,500	LIFE	* *	5	$6,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Metal Coiling Doors	2%			2035	* *	5	$5,000	
Windows								
Aluminum	100%	4+	$97,700	2046	* *	5	$10,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,700	
Masonry: Brick Cavity	70%			LIFE	* *	5	$6,000	
Metal Rail	5%			2047	* *	5-10	$7,800	
Metal: Cage/Fence	10%			2047	* *	5-10	$6,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,700	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$79,600	
Metal Panel	5%			2047	* *	10	$7,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,700	
Ceramic Tile	5%			2039	* *	5	$6,200	
Traffic Topping	5%	Now	$89,400	2040	* *	5	$3,900	
Split/Cracked, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Uneven Substrate, Extent : Severe, Area Affected : 25%								
Location : Stair A								
Vinyl Tile	55%			2035	* *	3	$25,700	
Vinyl Tile	25%			2030	$862,200	3	$15,600	
Vinyl Tile 9" X 9"	5%	Now	$55,100	2040	* *	3	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 1st And 2nd Floor Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : 1st And 2nd Floor Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS AND SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$66,900	2033	$669,300	5	$6,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Stairs								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Stairs								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,900	
Gypsum Board	10%			LIFE	* *	5	$14,600	
Masonry: Brick	10%	Now	$92,700	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 25%								
Location : Room Next To Electrical Room In Basement								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Room Next To Electrical Room In Basement								
Plaster	65%			LIFE	* *	5	$47,400	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%			2043	* *	5	$31,200	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$54,600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,700	2043	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Beck Street								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS AND SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2050	* *	5	$300	
Fused Disc Sw	10%			2056	* *	5		
Raceway								
Conduit	50%			2030	$100,900	1		
Conduit	40%			2050	* *	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$12,000	5	$100	
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	20%			2029	$47,900	5	$400	
Molded Case Bkrs	50%			2046	* *	5	$1,100	
Molded Case Bkrs	20%			2052	* *	5	$400	
Wiring								
Thermoplastic	50%			2030	$145,900	1		
Thermoplastic	40%			2050	* *	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	60%			2028	$71,700	5	$300	
Locally Mounted	40%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$600	
Generic	50%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$74,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2038	* *	10	$3,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								

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DEPARTMENT OF EDUCATION - 040
NEW SCHOOL FOR ARTS AND SCIENCES - BX /FORMER P.S. 39 - BX
Asset # : 13463

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$10,300	
Exit, Service	5%			2025	$1,800	1		
Exit, Service	45%			2038	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Multipurpose Room And Exit Doors								
Explanation : CCTV Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$15,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	90%			2030	$177,900	5	$23,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gallons								
Natural Gas	10%			2040	* *	1		
Conversion Equipment								
Furnace	10%			2025	$26,400	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria Roof								
Explanation : 1 Rooftop Unit								
Steam Boiler	90%			2028	$666,800	1	$75,800	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2030	$680,700			

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DEPARTMENT OF EDUCATION - 040
NEW SCHOOL FOR ARTS AND SCIENCES - BX /FORMER P.S. 39 - BX
Asset # : 13463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	90%			2028	$625,600	1	$24,700	
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : An Abandoned Air Handler Remains In Place								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2025	$142,800	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Cafeteria Roof								
Window/Wall Unit	60%			2025	$193,200	1		
Window/Wall Unit	5%	0-2	$9,700	2030	$16,100	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$9,500	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$9,500	
No Component	60%							
Exhaust Fans								
Interior	20%			2025	$75,400	2	$500	
Roof	20%	0-2	$6,600	2030	$33,000	2	$400	
Broken, Extent : Moderate, Area Affected : 80%								
Location : The Motors, Roof								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2040	* *	1		
Galvanized Steel	60%			2028	$651,100	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$411,000	4	$8,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : South West Corner On The Roof								
Sump Pump(s)								
Non-Submersible	100%			2030	$17,000	4	$1,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$5,200	

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DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS AND SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$6,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **NEW SETTLEMENT COMMUNITY CAMPUS**		
Address	: **1501 JEROME AVE. @ W.172 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X240**
Program / Asset #	: **BOE1086.000 / 14432**	**Yr Built/Renovated**	: **2011 /**
Area Sq Ft	: **173,628**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **2859** **Lot** : **77**	**BIN**	: **2008334**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$732,600	$143,900
Interior Architecture	$695,500	$625,900
Electrical		$383,800
Mechanical	$320,200	$5,712,600
Site Enclosure	$56,100	
Total	**$1,804,400**	**$6,866,300**
Importance Code A	$732,600	$143,900
Importance Code B	$901,300	$6,629,300
Importance Code C	$170,500	$93,000
Total	**$1,804,400**	**$6,866,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$120,200			
Interior Architecture	$149,200	$1,900	$52,500	$6,500
Electrical	$93,800	$28,300	$29,300	$34,000
Mechanical	$115,600	$82,400	$117,700	$47,000
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$494,600**	**$128,500**	**$215,400**	**$103,300**
Importance Code A	$128,800	$8,600	$8,600	$8,600
Importance Code B	$326,400	$119,900	$189,700	$94,700
Importance Code C	$39,500		$17,100	
Total	**$494,600**	**$128,500**	**$215,400**	**$103,300**

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DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	4+	$592,500	LIFE	* *	5	$143,900	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$30,000	
Metal Panel	5%			2059	* *	5-10	$55,000	
Windows								
Aluminum	95%	2-4	$30,700	2055	* *	5	$16,100	
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Hardware Sticks - Units Are Difficult To Open								
Metal/Detention Type	5%	4+	$30,600	2059	* *	5	$3,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Jerome Avenue Side								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Throughout								
Explanation : Window Screens - Security Screens								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$4,900	LIFE	* *	5	$10,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Roof Garden Coping								
Masonry: Brick	15%			LIFE	* *	5-10	$13,700	
Stucco Cement	75%	2-4	$12,400	2046	* *	5	$12,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	85%	Now	$140,100	2041	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 1%								
Location : Mid Level Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 1%								
Location : Upper Roof, Mid Level Roof								
Ponding, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Roof Leaks Into Spaces Below								
Plaza Roof: Stone Panels	15%			2059	* *			
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$11,500	2032	$229,800	3	$19,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$56,800	
Ceramic Tile	5%			2046	* *	5	$13,000	
Poured Epoxy/Resin	3%			2032	$436,800			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Laboratory Classrooms								
Explanation : Location Noted								
Quarry Tile	1%			2050	* *	5	$3,900	
Sheet Vinyl/Rubber	5%			2041	* *	5	$19,500	
Terrazzo	5%			LIFE	* *	5	$20,300	
Vinyl Tile	59%			2041	* *	3	$57,500	
Wood	12%	0-2	$372,000	2068	* *	5	$29,200	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Basement Dance Room								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$28,500	
Ceramic Tile	15%			2046	* *	5	$34,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$9,100	
Gypsum Board	68%			LIFE	* *	5-10	$263,500	
Repairs in Progress, Extent : N/A, Area Affected : 2%								
Location : Hallway								
Operable Wall	2%			2053	* *	5	$16,000	
Wood	5%	Now	$6,400	LIFE	* *	5	$45,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Auditorium, Missing Battens								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Auditorium, First Floor Community Center								
Ceilings								
AcousTileSusp.Lay-In	74%			2050	* *	5	$192,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Hallway								
Embossed Metal	1%			LIFE	* *	5	$2,300	
Exposed Struc: Steel	5%			LIFE	* *	10	$26,000	
Gypsum Board	10%			LIFE	* *	5-10	$89,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Metal Panel	10%			LIFE	* *	5	$65,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2077	* *			

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DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2077	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : At Planters								
Retaining Walls								
Cast in Place Concrete	100%	4+	$56,100	2077	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Impact Damage At Grade - Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Asphalt	70%			2046	* *			
Rubber Matting	30%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Multiple Main Services Rated At 1,600 And 2,000 Amperes								
Transformers								
Dry Type	100%			2046	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1,000 Kilovolt-ampere Step Up Transformer One 45 Kilovolt-ampere For Fire Alarm One 15 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$700	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%	4+	$17,000	2049	* *	5	$2,300	
Mech. Misoperation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen, 3rd Floor And Basement								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Kitchen, 3rd Floor And Basement								
Explanation : Circuit Breaker For Hot Water Heaters Trips, Gas Booster Trips During Heavy Storms, 3rd Floor Lighting Panel Malfunctions								
Wiring								
Thermoplastic	100%			2053	* *	1		

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NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%	Now	$3,600	2046	* *	5	$600	
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Overhead Door In Gymnasium								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$53,400	
Generators								
Diesel	100%			2042	* *	1	$67,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 500 Kilovolt-ampere And Load Bank Is Present								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$6,400	
Fuel Storage								
Day Tank	30%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons								
Main Tank	70%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$143,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 20%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 80%								
Location : Throughout								
HID	5%			2038	* *	10	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Low Bay Light Fixtures								
Incandescent	5%			2033	$240,500	2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Lighting								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	2%	Now	$13,900	2043	* *			
Damaged Fixtures, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Roof Terrace Canopy								
HID	8%			2038	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : High Pressures Sodium Lighting With Timer Control								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,500	
Alarm								
Security System								
Generic	100%	Now	$32,600	2038	* *	1	$58,400	
Cameras Damaged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
Generic, Analog	100%	4+	$9,000	2038	* *	1-3	$97,300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor Trouble Alarms								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Explanation : No Central Station Connection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	1%			2053	* *	1		
Natural Gas	99%	2-4	$900	2053	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoors								
Explanation : Booster Pump Trips During Heavy Downpours.								
Conversion Equipment								
Hot Water Boiler	100%			2038	* *	1	$85,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse And Pool Equipment Room								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$12,800	

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DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	99%			2046	* *	1	$55,500	
Fan Coil Unit/Heat	1%			2038	* *	1	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : Electric Unit Heaters								
Controls								
Digital	100%			2028	$4,986,700			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%	Now	$277,100	2038	* *	2	$8,100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Rooftop Unit Numbers 7 And 8								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 11 Units.								
Split Unit	5%			2033	$206,200			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Distribution Frame Room, Intermediate Distribution Frame Room, Electrical Room And Throughout The Building								
Explanation : 12 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$282,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$153,300	
Exhaust Fans								
Roof	100%			2038	* *	2	$5,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$102,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rooftop - Penthouse And Basement - Swimming Pool Equipment Room.								
Explanation : Two 250 Gallon Units For Domestic Hot Water								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$34,800	4	$5,500	
Pool Filter/Treatment								
Sand	100%			2046	* *	4	$2,000	

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DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2033	$90,900	4	$10,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$10,600	
Fixtures								
Generic	100%							
Instantaneous Hot Water								
Natural Gas	50%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Pool Equipment Room								
Explanation : 1 Unit Dedicated To The Pool And Showers.								
No Component	50%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Basement To 1st Floor, 1 Unit From Basement To 2nd Floor, 2 Units From Basement To 4th Floor								
Explanation : 4 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$48,600	
Fire Pump								
Generic	100%			2042	* *	1	$32,400	
Chemical System								
Generic	100%			2031	$326,400	1-3	$297,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 80 Square-foot Hood								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **NEW UTRECHT HIGH SCHOOL - BK**		
Address	: **1601 80TH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K445**
Program / Asset #	: **BOE0629.000 / 1226**	**Yr Built/Renovated**	: **1924 / 2009**
Area Sq Ft	: **261,702**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6**		
Block	: **6271** **Lot** : **1**	**BIN**	: **3162711**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$508,700	$385,200
Interior Architecture	$3,160,500	$3,350,700
Electrical	$628,900	$2,327,500
Mechanical	$759,100	$3,650,000
Site Pavements	$194,700	
Total	**$5,252,100**	**$9,713,400**
Importance Code A	$508,700	$446,900
Importance Code B	$2,867,800	$9,101,200
Importance Code C	$1,875,500	$165,300
Total	**$5,252,100**	**$9,713,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$86,100			
Interior Architecture	$90,000		$63,100	$16,600
Electrical	$124,600	$42,600	$48,300	$47,300
Mechanical	$156,300	$119,600	$106,800	$77,000
Site Enclosure	$14,800			
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$489,700**	**$180,000**	**$235,900**	**$158,700**
Importance Code A	$134,600	$24,600	$24,600	$24,600
Importance Code B	$311,700	$155,300	$211,300	$134,000
Importance Code C	$43,500			
Total	**$489,700**	**$180,000**	**$235,900**	**$158,700**

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$190,600	
Masonry: Brick	75%			LIFE	* *	5	$365,900	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Above Windows								
Masonry: Granite	5%			LIFE	* *	5	$18,300	
Masonry: Limestone	15%			LIFE	* *	5	$54,900	
Windows								
Aluminum	100%	Now	$91,200	2049	* *	5	$47,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Boys Gymnasium								
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$61,600	
Masonry: Brick	80%			LIFE	* *	5-10	$163,200	
Recent Repair Evident, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$37,500	
Roof								
Copper/Terne	5%			2061	* *	10	$20,600	
IRMA/Protected Membrane	30%			2038	* *	10	$49,400	
Modified Bitumen	65%			2041	* *	10	$107,000	
Interior								
Floors								
Cast in Place Concrete	24%			LIFE	* *	5	$411,300	
Ceramic Tile	4%	0-2	$176,700	2036	* *	5	$7,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Panel/Paver: Cer/Brk	4%			2041	* *	5	$35,300	
Terrazzo	4%	Now	$29,300	LIFE	* *	5	$12,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Between Library And Gymnasium								
Vinyl Tile	25%			2033	$2,705,200	3	$49,000	
Vinyl Tile 9" X 9"	9%	Now	$622,200	2043	* *	3	$13,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	25%			2048	* *	5	$183,600	
Under Construction	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Swimming Pool, Weight Room And Locker Rooms								
Explanation : Under Construction								

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$241,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement Gasoline Meter, Boiler And Under Main Stairs								
Ceramic Tile	5%	2-4	$699,700	2042	* *	5	$15,900	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	5%	Now	$149,400	LIFE	* *	5	$12,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria Stairs								
Masonry: Brick	15%			LIFE	* *	10	$28,600	
Marble Panels	3%	Now	$168,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Basement And 1st Floor								
Plaster	60%	Now	$464,200	LIFE	* *	5	$114,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Classrooms And Room 612a								
Wood	2%			LIFE	* *	5	$101,700	
Under Construction	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Swimming Pool, Weight Room And Locker Rooms								
Explanation : Under Construction								
Ceilings								
AcousTile,Adhered	15%	Now	$87,800	2038	* *	5	$27,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	25%			2046	* *	5	$90,900	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$22,700	
Exposed Struc: Steel	10%			LIFE	* *	10	$72,700	
Plaster	40%	Now	$221,200	LIFE	* *	5	$90,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Classrooms								
Under Construction	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Swimming Pool, Weight Room And Locker Rooms								
Explanation : Under Construction								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%			2053	* *			
Iron Picket	20%	Now	$14,800	2068	* *			
Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	5%	2-4	$93,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	95%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$101,300	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Parking Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2033	$61,700	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3 Main Service Disconnect Switches Rated At 4,000 Amperes, 1,600 Amperes And 1,200 Amperes.								
Fused Disc Sw	40%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Disconnect Switches Rated At 2,000 Amperes Each.								
Transformers								
Dry Type	100%			2038	* *	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 112.5 Kilovolt Amperes, 208 Volts Primary, 120 Volts Secondary.								
Switchgear / Switchboard								
Fused Disc Sw	60%			2033	$390,100	5	$700	
Fused Disc Sw	40%			2053	* *	5	$400	
Raceway								
Conduit	70%			2033	$472,000	1		
Conduit	30%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$63,900	5	$600	
Fused Knife Sw	5%	2-4	$31,900	2058	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	30%			2049	* *	5	$2,100	
Molded Case Bkrs	55%			2032	$351,300	5	$3,800	
Wiring								
Braided Cloth	70%	2-4	$628,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	10%			2046	* *	5	$200	
Locally Mounted	80%			2031	$290,300	5	$1,400	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$80,500	
Generators								
Diesel	100%			2042	* *	1	$101,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$9,700	
Fuel Storage								
Day Tank	20%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 55 Gallons Rated Capacity								
Main Tank	80%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	2%			2038	* *	10	$4,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Fluorescent	95%			2038	* *	10	$228,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2038	* *	10	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Swimming Pool								
Explanation : T-5 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	25%			2033	$40,300	1		
Emergency, Service	25%	Now	$40,300	2043	* *	1		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Staircases								
Exit, Service	50%			2033	$56,400	1		
Exterior Lighting								
HID	30%			2033	$366,300	10	$200	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$97,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Staircases And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$161,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	10%			2053	* *	1		
Interruptible Gas/Dual Fuel	90%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	10%			2038	* *	1	$12,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 5 Rooftop Package Units								
Steam Boiler	27%	0-2	$30,800	2046	* *	1	$63,000	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Defective Unit No.1, It Has Been Out Of Service For 2 Years.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	63%			2046	* *	1	$163,300	
Distribution								
Steam Piping/Pump	18%	Now	$226,300	2043	* *			
Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump And Piping, Basement								
On Extended Life, Extent : Moderate, Area Affected : 70%								
Location : Basement And Various Locations								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor, Float And Thermostatic Steam Traps In Basement.								
Steam Piping/Pump	72%			2043	* *			
No Component	10%							
Terminal Devices								
Air Handler	20%	0-2	$295,500	2043	* *	1	$29,100	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Coil Of Air Handler For Girl And Boy Locker Rooms.								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Air Handler	10%			2041	* *	1	$16,200	
Convector/Radiator	60%			2031	$1,284,000	1	$50,700	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2038	* *	1	$18,200	
Other Observation, Extent : N/A, Area Affected : 100% Location : Roof Explanation : 1 Multistacks Unit, R-407c Refrigerant								
Exterior Pkg Unit - Cooling	5%			2033	$143,500	2	$800	
R-134a Refrigerant, Extent : Light, Area Affected : 100% Location : Auditorium Roof								
Ext Pkg Unit - Heating/Cooling	10%			2038	* *	2	$1,600	
Other Observation, Extent : N/A, Area Affected : 100% Location : New Wing Roof Explanation : 3 Package Units. R-410a								
Ext Pkg Unit - Heating/Cooling	5%			2038	* *	2	$800	
R-134a Refrigerant, Extent : Light, Area Affected : 100% Location : New Wing Roof								
Window/Wall Unit	50%			2028	$495,700	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%			2053	* *	4	$2,900	
No Component	85%							
Terminal Devices								
Air Handler/Dir Expansion	15%			2041	* *	1		
No Component	85%							
Heat Rejection								
Dry Cooler	15%			2038	* *	2	$27,300	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	9%	0-2	$51,700	LIFE	* *	2-5	$13,100	
Broken, Extent : Moderate, Area Affected : 5% Location : Basement								
Ductwork/Diffusers	91%			LIFE	* *	2-5	$210,300	

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%	0-2	$58,000	2033	$116,100	2	$600	
Controller Not Working, Extent : Moderate, Area Affected : 70%								
Location : Basement And Various Locations								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement And Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Various Locations								
Interior	75%			2038	* *	2	$6,000	
Roof	15%			2038	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	Now	$13,400	2031	$668,200	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Water Main								
Water Heater With Tanks								
Gas Fired	30%			2033	$10,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Brand New Tankless Unit For The Swimming Pool.								
Gas Fired	30%			2028	$10,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tankless Unit With One 150 Gallon Tank For Domestic And Kitchen								
Gas Fired	40%	0-2	$2,700	2028	$13,700	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Gallon Unit, It Is Out Of Service For 1 Year.								
Sanitary Piping								
Cast Iron	5%	0-2	$8,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Bathroom And Basement								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%	0-2	$9,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : The Gutter At 5th Floor Perimeter								
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%			2033	$26,200	4	$4,100	
Non-Submersible	50%			2041	* *	4	$4,100	
Pool Filter/Treatment								
Under Construction	100%							

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	50%	0-2	$68,500	2043	* *	4	$5,200	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Electric	50%			2038	* *	4	$5,200	
Backflow Preventer								
Generic	100%			2038	* *	1	$16,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Passenger Units. They Are Out Of Service Frequently								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : 1 Freight Unit. It Is Making Noisy And Out Of Service Frequently								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$361,900	1-2	$7,300	
Fire Pump								
Generic	100%			2036	* *	1	$48,900	
Chemical System								
Generic	100%			2031	$489,600	1-3	$446,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, It Covers 120 Square Feet.								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **NEW YORK HARBOR SCHOOL - M**				
Address	: **550 SHORT AVENUE GOVERNORS ISLAND**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M877**	
Program / Asset #	: **BOE1110.000 / 14566**		**Yr Built/Renovated**	: **1900 / 2009**	
Area Sq Ft	: **58,102**		**Project Type**	: **EDUCATION**	
Date of Survey	: **06-Jan-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2,3,Att**				
Block	: **1**	**Lot** : **10**	**BIN**	: **1086340**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$716,400	$204,600
Interior Architecture	$56,900	$99,500
Electrical	$53,300	
Total	**$826,600**	**$304,100**
Importance Code A	$716,400	$204,600
Importance Code B	$110,200	
Importance Code C		$99,500
Total	**$826,600**	**$304,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$17,300	$42,600	
Interior Architecture	$16,800	$7,100		$2,700
Electrical	$7,300	$10,000	$8,800	$7,800
Mechanical	$13,100	$13,200	$17,100	$16,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$45,100**	**$55,500**	**$76,300**	**$34,600**
Importance Code A	$2,900	$20,200	$45,500	$2,900
Importance Code B	$42,300	$30,400	$30,800	$31,700
Importance Code C		$4,900		
Total	**$45,100**	**$55,500**	**$76,300**	**$34,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$20,500	
Masonry: Brick	80%	Now	$269,500	LIFE	* *	5	$65,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Masonry: Limestone	5%	Now	$64,400	LIFE	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corners Of Decorative Canopies, North Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Window Wall	5%			2051	* *	5	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : South West Corner								
Explanation : Water House (enclosure)								
Wood	5%			2036	* *	5	$20,500	
Windows								
Aluminum	85%	Now	$233,900	2047	* *	5	$12,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Louvers	3%			2040	* *	10	$5,400	
Wood	12%			2030	$139,100	5	$34,600	
Parapets								
Masonry: Brick	20%			LIFE	* *	5		
Masonry: Limestone	3%			LIFE	* *	5		
Metal Rail	7%			2044	* *	5-10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entrance Facade								
Explanation : 2nd Floor Wrap Around Balcony								
No Component	70%							
Roof								
Built-Up (BUR)	20%			2036	* *	10	$11,000	
Slate	65%	Now	$148,600	LIFE	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Roofs								
Explanation : Ice Shields Not Installed, Falling Sheets Of Ice Endangering Passerbys								
Traffic Topping	15%			2036	* *	10	$13,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor Balcony								
Explanation : This Is Actually A Fluid Applied Membrane								

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DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Stucco Cement	50%			2036	* *	5		
Wood	50%			2036	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : South Elevation								
Explanation : This Is Actually A Wood Pergola Structure In The Main Entry Courtyard								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$28,500	
Ceramic Tile	5%			2040	* *	5	$4,300	
Quarry Tile	5%			2044	* *	5	$6,500	
Sheet Vinyl/Rubber	50%	Now	$56,900	2036	* *	5	$32,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 1%								
Location : 1st Floor Corridor								
Uneven Substrate, Extent : Moderate, Area Affected : 1%								
Location : 1st Floor Corridor								
Vinyl Tile	25%			2036	* *	3	$10,900	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$9,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,900	
Gypsum Board	85%			LIFE	* *	5	$99,500	
Plaster	5%			LIFE	* *	5	$2,900	
Ceilings								
AcousTileSusp.Lay-In	25%			2044	* *	5	$21,700	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,000	
Gypsum Board	10%			LIFE	* *	5	$10,900	
Plaster	50%			LIFE	* *	5	$27,200	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	40%			2036	* *			
Pavers/Stone	60%			2040	* *			
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Room 113								
Explanation : Rated At 2,000 Amperes								

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DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2044	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 113								
Explanation : 150 Kilovolt-ampere And 400 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2044	* *	5	$200	
Variable Frequency Drive	50%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$17,900	
Generators								
Diesel	100%			2040	* *	1	$22,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Room 110 A								
Explanation : 134 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$2,200	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Room 110 A								
Explanation : 275 Gallon Day Tank								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$53,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Exit, Service	50%			2036	* *	1		
Exit, Battery	50%			2036	* *	10	$2,000	

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DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2036	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$4,300	
Fire/Smoke Detection								
No Component	40%							
Generic, Analog	60%			2036	* *	1-3	$22,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2044	* *	1	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Boiler Room								
Explanation : 2 Gas Fired Hot Water Condensing Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2047	* *	4	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Boiler Room								
Explanation : Dual Temperature Pumps								
Terminal Devices								
Air Handler	40%			2036	* *	1	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : General Climate Control Deficiencies Due To Outdated Software.								
Fan Coil Unit/Heat	60%			2036	* *	1	$11,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Cooling Also								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2036	* *	1	$27,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : School Yard								
Explanation : Packaged Scroll Chiller Utilizing R410 Refrigerant Observed								

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DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2051	* *	4	$2,900	
Terminal Devices								
Air Handler/Cool/Ht	40%			2036	* *	1	$14,400	
No Component	60%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : See Heating Section								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,400	
Exhaust Fans								
Interior	100%			2036	* *	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 400 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$1,800	
Backflow Preventer								
Generic	100%			2036	* *	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units From 1st To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$16,300	
Fire Pump								
Generic	100%			2040	* *	1	$10,900	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **NEWCOMERS HIGH SCHOOL - Q**		
Address	: **28-01 41ST AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q450**
Program / Asset #	: **BOE0878.000 / 1471**	**Yr Built/Renovated**	: **1905 / 2009**
Area Sq Ft	: **153,300**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**		
Block	: **404** **Lot** : **1**	**BIN**	: **4004874**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$605,600	$1,493,000
Interior Architecture	$1,630,200	$2,830,500
Electrical	$279,700	$1,797,000
Mechanical	$1,113,900	$4,749,500
Total	**$3,629,400**	**$10,870,000**
Importance Code A	$725,800	$2,731,300
Importance Code B	$2,548,400	$8,083,000
Importance Code C	$355,200	$55,700
Total	**$3,629,400**	**$10,870,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$40,000			
Interior Architecture	$64,000		$5,400	$15,700
Electrical	$39,600	$14,300	$14,800	$18,400
Mechanical	$88,300	$56,000	$60,000	$78,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$235,800**	**$74,300**	**$84,200**	**$116,900**
Importance Code A	$40,000	$13,700	$13,700	$13,700
Importance Code B	$160,700	$60,600	$70,600	$103,300
Importance Code C	$35,100			
Total	**$235,800**	**$74,300**	**$84,200**	**$116,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
NEWCOMERS HIGH SCHOOL - Q
Asset # : 1471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$302,100	
Copper/Terne	2%			2053	* *	10	$9,100	
Masonry: Brick	10%			LIFE	* *	5	$38,700	
Masonry: Brick	70%			LIFE	* *	5	$270,700	
Masonry: Limestone	5%			LIFE	* *	5	$14,500	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Stucco Cement	3%	2-4	$6,600	2038	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%	4+	$239,000	2049	* *	5	$25,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Various Windows								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$32,800	
Masonry: Brick	90%			LIFE	* *	5-10	$71,200	
Roof								
Built-Up (BUR)	90%			2033	$1,093,600	10	$93,700	
Copper/Terne	2%			2048	* *	10	$5,200	
Slate	8%	4+	$2,300	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWCOMERS HIGH SCHOOL - Q
Asset # : 1471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$45,200	
Ceramic Tile	3%			2042	* *	5	$6,200	
Marble Panels	2%			LIFE	* *	5	$6,200	
Terrazzo	2%			LIFE	* *	5	$6,500	
Traffic Topping	8%	Now	$197,000	2038	* *	5	$10,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Third Floor Corridor								
Vinyl Tile	21%			2041	* *	3	$16,300	
Vinyl Tile	47%	Now	$134,000	2033	$2,680,700	3	$36,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : First Floor, Third Floor, Fourth Floor, Classroom 210								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Third Floor								
Vinyl Tile 9" X 9"	2%	Now	$728,800	2043	* *	3	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%	Now	$61,600	2048	* *	5	$19,400	
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Gymnasium								
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *	10	$12,900	
Ceramic Tile	5%	Now	$141,800	2036	* *	5	$6,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Lockers, Stairs								
Masonry: Brick	8%			LIFE	* *	10	$6,200	
Marble Panels	3%			LIFE	* *	10	$3,100	
Plaster	10%	Now	$125,500	LIFE	* *	5	$7,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Plaster	62%			LIFE	* *	5-10	$135,900	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$12,900	

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DEPARTMENT OF EDUCATION - 040
NEWCOMERS HIGH SCHOOL - Q
Asset # : 1471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$51,600	
Exposed Struc: Concrete	2%	Now	$61,900	LIFE	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Second Floor Gymnasium Balcony								
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Second Floor Gymnasium Balcony								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Second Floor Gymnasium Balcony								
Plaster	73%	Now	$91,700	LIFE	* *	5	$94,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair 2 And 3, Both Gymnasiums								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair 2 And 3, Both Gymnasiums								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2043	* *			
Iron Picket	70%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	80%			2053	* *			
Masonry: Brick	20%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2053	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	70%			2033	$36,000	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches With No Available Nameplate Rating Capacity								

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DEPARTMENT OF EDUCATION - 040
NEWCOMERS HIGH SCHOOL - Q
Asset # : 1471

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2053	* *	5	$300	
Molded Case Bkrs	50%			2033	$146,300	5	$2,000	
Raceway								
Conduit	70%			2033	$202,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$200	
Fused Disc Sw	5%			2032	$15,000	5	$200	
Fused Knife Sw	2%	2-4	$6,000	2058	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	58%			2032	$173,600	5	$2,300	
Molded Case Bkrs	30%			2049	* *	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$279,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$127,000	5	$700	
Locally Mounted	30%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$121,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	40%			2028	$92,600	10	$13,300	
Emergency, Battery	10%			2038	* *	10	$3,300	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$214,600	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$287,800	1	$57,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

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DEPARTMENT OF EDUCATION - 040
NEWCOMERS HIGH SCHOOL - Q
Asset # : 1471

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$395,400	1-3	$97,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bell, Manual Pull Box, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$320,800	5	$42,700	
Conversion Equipment								
Steam Boiler	100%	Now	$120,200	2031	$1,202,300	1	$122,900	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : No. 3 Boiler, Due To Leaking								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Excess Returns Have To Be Dumped Into Sewer								
Explanation : 3 Units. Boiler Feed Tank Too Small For 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$387,900	2043	* *	4	$6,800	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Corroded Boiler Shell								
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : Traps Are Not Holding. Leaking Valve Of Return Piping, Seven Leaks Observed.								
Terminal Devices								
Air Handler	25%			2033	$648,900	1	$21,300	
Convector/Radiator	75%			2038	* *	1	$33,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2033	$302,500	2	$1,700	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	60%			2028	$313,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$605,800	LIFE	* *	2-5	$76,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
NEWCOMERS HIGH SCHOOL - Q
Asset # : 1471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2033	$550,600	2	$3,800	
Roof	10%			2028	$26,800	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$352,200	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2033	$667,000	4	$20,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$24,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Drain Piping At Basement								
Sump Pump(s)								
Non-Submersible	100%			2033	$27,600	4	$4,400	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$5,500	
Backflow Preventer								
Generic	100%			2043	* *	1	$8,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement, Basement, 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2059	* *	1-2	$1,900	
Chemical System								
Generic	100%			2028	$391,700	1-3	$388,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set. Kitchen Fire Suppression System Covers 96 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **NEWTOWN HIGH SCHOOL - Q**		
Address	: **48-01 90TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q455**
Program / Asset #	: **BOE0879.000 / 1472**	**Yr Built/Renovated**	: **1922 / 2010**
Area Sq Ft	: **221,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1849** **Lot** : **1**	**BIN**	: **4045629**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$589,000	$1,064,500
Interior Architecture	$3,369,500	$1,110,100
Electrical	$2,533,300	$4,823,000
Mechanical	$2,049,500	$6,885,000
Site Pavements	$86,700	
Total	**$8,628,000**	**$13,882,600**
Importance Code A	$661,000	$1,064,500
Importance Code B	$7,783,000	$12,818,100
Importance Code C	$184,100	
Total	**$8,628,000**	**$13,882,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,400	$23,900	$6,700	$22,900
Interior Architecture	$53,900	$12,200	$4,100	$16,200
Electrical	$18,000	$62,500	$8,000	$6,200
Mechanical	$175,400	$49,800	$56,500	$32,700
Site Enclosure	$28,000			
Site Pavements	$27,300			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$359,700**	**$158,200**	**$85,100**	**$87,900**
Importance Code A	$69,300	$45,900	$28,500	$44,800
Importance Code B	$230,000	$112,300	$56,500	$43,100
Importance Code C	$60,500			
Total	**$359,700**	**$158,200**	**$85,100**	**$87,900**

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DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$49,700	
Copper/Terne	3%			2050	* *	10	$9,000	
Masonry: Brick	70%	4+	$146,800	LIFE	* *	5	$89,100	
Expansion Joint Failure, Extent : Severe, Area Affected : 5%								
Location : Transition Sections Of Additions								
Masonry: Granite	5%			LIFE	* *	5	$4,800	
Masonry: Limestone	7%			LIFE	* *	5	$6,700	
Metal Panel	10%			2040	* *	5-10	$87,500	
Windows								
Aluminum	25%	4+	$45,300	2038	* *	5	$2,400	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : Windows Of The 1950s Building								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Windows Of The 1950s Building								
Aluminum	70%			2046	* *	5	$13,300	
Glass Block	5%	0-2	$2,100	LIFE	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Parking Area On 91st Street								
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$4,200	
Masonry: Brick	22%			LIFE	* *	5	$4,600	
Masonry: Brick	40%			LIFE	* *	5	$8,400	
Masonry: Granite	3%			LIFE	* *	5	$800	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Metal Rail	10%			2047	* *	5-10	$37,700	
Roof								
Built-Up (BUR)	40%	2-4	$230,100	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium Roof, Boys Locker Room, Auditorium Low Roof, Dance Studio								
Built-Up (BUR)	7%	Now	$13,400	2030	$134,200			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Front Entrance								
Copper/Terne	3%			2065	* *	10	$12,300	
Copper/Terne	12%			2045	* *	10	$49,300	
IRMA/Protected Membrane	20%			2030	$777,500	10	$32,900	
Skylight, Metal/Glass	3%			2050	* *	10	$16,400	
Slate	15%	Now	$137,100	LIFE	* *			
Loose Units, Extent : Severe, Area Affected : 10%								
Location : Main Roofs								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	4+	$18,300	2033	$914,400	5	$8,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms								
Quarry Tile	5%			2035	* *	5	$24,300	
Terrazzo	5%	4+	$30,300	LIFE	* *	5	$12,700	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Main Lobby Area								
Vinyl Tile	10%			2038	* *	3	$12,200	
Vinyl Tile 9" X 9"	40%	Now	$1,145,000	2040	* *	3	$48,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Rooms And 4th Floor Corridors In 1922 And 1950 Wings								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Rooms And Corridors In 1922 And 1930 Wing								
Wood	20%			2045	* *	5	$121,600	
Wood	12%	Now	$1,393,000	2070	* *	5	$36,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Rooms In 1922/30 Wings								
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Music Room, 1922/30 Wings								
Wood	3%			2065	* *	5	$18,200	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$10,500	
Gypsum Board	2%			LIFE	* *	5	$2,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	23%			LIFE	* *	5	$14,500	
Plaster	3%	4+	$3,100	LIFE	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 353								
Plaster	37%	4+	$94,400	LIFE	* *	5	$23,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Rooms 519, 538 And Stair K								
SGFT/Glazed Masonry	25%			LIFE	* *			

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NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$469,800	2050	* *	5	$24,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Corridor At 1958 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridor At 1958 Wing								
AcousTileSusp.Lay-In	3%			2043	* *	5	$9,700	
Exposed Struc: Concrete	20%	0-2	$194,400	LIFE	* *	5	$10,100	
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Sub-basement Paint Room, Gas Meter Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Sub-basement Paint Room, Gas Meter Room								
Plaster	62%			LIFE	* *	5	$125,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$28,000	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$27,300	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$86,700	2050	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Parking Lot								
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Parking Lot								
Explanation : Water Penetration To Rooms Below Parking Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2030	$30,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Fused Knife Sw	70%	2-4	$71,900	2060	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Explanation : Two 400 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	20%			2050	* *	5	$200	
Fused Knife Sw	80%	2-4	$520,200	2060	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Raceway								
Conduit	90%			2030	$606,800	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$63,900	5	$500	
Fused Knife Sw	30%	2-4	$191,600	2055	* *	5	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1st, 2nd and 3rd Floor								
Molded Case Bkrs	40%			2029	$255,500	5	$2,300	
Molded Case Bkrs	20%			2046	* *	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$628,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Thermoplastic	10%			2030	$89,800	1		
Motor Controllers								
Locally Mounted	80%			2028	$290,300	5	$1,200	
Locally Mounted	20%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Sub-basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2030	$3,195,600	10	$196,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2025	$52,300	10	$100	
LED	1%			2038	* *			
Egress Lighting								
Emergency, Battery	10%			2025	$37,100	10	$5,300	
Emergency, Battery	40%			2035	* *	10	$21,300	
Exit, Service	30%			2025	$28,600	1		
Exit, Service	20%			2035	* *	1		
Exterior Lighting								
HID	100%			2025	$1,031,200	10	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$124,500	1	$24,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Outside Exit Doors And Some Offices								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$40,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$218,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$35,400	2030	$1,769,700			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : And Leaking At Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	0-2	$41,600	2030	$831,800	1	$24,600	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : The Motors Are Burnt Out. Basement								
Convector/Radiator	60%	0-2	$21,700	2028	$1,084,300	1	$38,500	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Control Valves, Classrooms; Hallways And Various Areas								
Fan Coil Unit/Heat	6%	0-2	$6,600	2025	$328,800	1	$3,900	
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : Classrooms								
Fan Coil Unit/Heat	14%			2025	$767,100	1	$10,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Medical Office.								
Explanation : R-410a Refrigerant								
Window/Wall Unit	10%	0-2	$1,700	2024	$83,700	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Room 356								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$123,200	
Exhaust Fans								
Interior	24%	0-2	$23,500	2025	$235,200	2	$1,300	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Interior	56%			2025	$548,900	2	$3,800	
Roof	20%	0-2	$4,300	2025	$85,800	2	$1,100	
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%	0-2	$11,400	2030	$567,700	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Water Main Valve And Hot Water Control Valves, Basement								
Brass/Copper	80%			2030	$2,270,700	1		
Water Heater With Tanks								
Electric	10%			2029	$2,400	4		
Gas Fired	90%			2025	$15,400	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%	0-2	$4,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 50th Ave. Side Roof								
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$44,200	4	$4,700	
Sewage Ejector(s)								
Electric	100%			2030	$115,700	4	$8,800	
Backflow Preventer								
Generic	100%			2030	$98,700	1	$13,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Rest Rooms At Various Floors.								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 5th Floor, One Unit From Basement To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$91,700	1-2	$1,900	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **NEWTOWN HIGH SCHOOL - Q FIELDHOUSE**
Address : **90-20 56 AVENUE**
Borough : **QUEENS**
Agency's Number : **Q455**
Program / Asset # : **BOE0879.010 / 13511**
Yr Built/Renovated : **1922 / 2003**
Area Sq Ft : **5,000**
Project Type : **EDUCATION**
Date of Survey : **07-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **1858** **Lot** : **1** **BIN** : **4855698**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$68,600	
Electrical	$110,800	$136,700
Mechanical		$64,200
Site Pavements	$324,300	$982,100
Total	**$503,700**	**$1,183,000**
Importance Code A	$68,600	$65,000
Importance Code B	$435,100	$1,117,900
Total	**$503,700**	**$1,183,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,000	$5,400		
Interior Architecture	$53,800	$500		$100
Electrical	$100	$12,900		
Mechanical	$5,800	$3,500	$700	$700
Site Enclosure	$7,000			
Total	**$124,600**	**$22,300**	**$700**	**$800**
Importance Code A	$58,500	$6,000	$500	$500
Importance Code B	$41,000	$16,300	$200	$300
Importance Code C	$25,100			
Total	**$124,600**	**$22,300**	**$700**	**$800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$68,600	LIFE	* *	5	$16,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade And South Facades								
Masonry: Limestone	5%	Now	$13,800	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Building Base And Band Coursing Below Exterior Face Of Parapet								
Windows								
Aluminum	2%			2046	* *	5		
Wood	98%	Now	$43,800	2055	* *	5	$9,100	1
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$1,500	
Masonry: Limestone	10%			LIFE	* *	5	$200	
Roof								
Modified Bitumen	100%			2035	* *	10	$5,400	
Soffits								
Cast in Place Concrete	100%	Now	$400	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Exterior Of Custodian Entrance Canopy								
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	* *	5	$15,100	
Mosaic Tile	5%			2035	* *	5	$1,000	
Vinyl Tile	10%	Now	$6,700	2040	* *	3	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Office								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Office								
Interior Walls								
Cast in Place Concrete	45%	4+	$23,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement,Corridor Space								
Concrete Masonry Unit	45%			LIFE	* *	5	$2,400	
Glass: Single Pane	5%	Now	$2,000	LIFE	* *	5	$500	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Showers At Mens Lockers								
Gypsum Board	5%			LIFE	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$800	
Exposed Struc: Concrete	90%	4+	$21,900	LIFE	* *	5	$1,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$7,000	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Volley Ball Court								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$61,400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 57th Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 92nd Street And 56th Avenue								
On-Site Walkways								
Asphalt	50%			2039	* *			
Cast in Place Concrete	50%			2035	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	40%	Now	$66,500	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Tennis Courts								
Rubber Matting	50%	Now	$196,400	2030	$982,100			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Track								
No Component	10%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2030	$65,000	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 125 Amperes.								
Raceway								
Conduit	100%			2030	$16,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2029	$1,500	5		
Molded Case Bkrs	95%			2029	$28,400	5	$100	
Wiring								
Thermoplastic	100%			2030	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	20%			2030	$14,900	10	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office								
Explanation : Lamp T-8								
Incandescent	80%			2025	$110,800	2	$100	
Egress Lighting								
Exit, Service	50%			2025	$1,100	1		
No Component	50%							
Exterior Lighting								
HID	50%			2025	$11,700	10		
No Component	50%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2030	$900	1	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit Doors And Hallway								
Explanation : Intrusion Alarm Only. Motion Sensors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2030	$11,500	5	$1,600	
Conversion Equipment								
Steam Boiler	100%			2028	$43,600	1	$5,000	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2030	$40,000			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13511

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%			2035	* *	1	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2024	$1,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%			2025	$1,000	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$3,200	2030	$64,200	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve And Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$1,000	4	$200	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**NORMAN THOMAS HIGH SCHOOL - M**			
Address	:	**111 E. 33 ST. PARK AVE. AND 33 ST.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M620**
Program / Asset #	:	**BOE0144.000 / 539**	**Yr Built/Renovated**	:	**1975 / 2001**
Area Sq Ft	:	**314,752**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**03-Dec-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,5,7,6,9,10**			
Block	:	**889** **Lot** : **1**	**BIN**	:	**1018491**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,791,900	$722,300
Interior Architecture	$5,171,200	$349,500
Electrical	$138,700	$6,058,300
Mechanical	$1,301,400	$14,670,100
Total	**$9,403,200**	**$21,800,200**
Importance Code A	$2,791,900	$825,000
Importance Code B	$4,915,100	$20,881,300
Importance Code C	$1,696,200	$93,800
Total	**$9,403,200**	**$21,800,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$67,100		$2,100	
Interior Architecture	$121,900			$39,300
Electrical	$55,800	$51,300	$55,700	$61,000
Mechanical	$186,600	$112,800	$189,800	$99,100
Elevators/Escalators	$93,700	$93,700	$93,700	$93,700
Total	**$524,900**	**$257,700**	**$341,300**	**$293,100**
Importance Code A	$76,400	$9,300	$15,200	$9,300
Importance Code B	$448,500	$248,300	$326,000	$283,800
Importance Code C				
Total	**$524,900**	**$257,700**	**$341,300**	**$293,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	$145,900	LIFE	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Main Entry								
Masonry: Brick	92%			LIFE	* *	5	$652,100	
Metal Coiling Doors	1%	0-2	$18,900	2031	$378,500	5	$5,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Granite Panels	2%	0-2	$43,600	LIFE	* *	5	$5,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$177,800	2049	* *	5	$6,200	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$1,000	LIFE	* *	5	$400	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%	Now	$3,500	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2053	* *	5	$100	
Metal Rail	35%			2046	* *	5-10	$3,500	
Roof								
IRMA/Protected Membrane	100%	Now	$2,142,200	2043	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs A And B, 10th Floor								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	2-4	$617,800	LIFE	* *	5	$158,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	2-4	$41,000	2042	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Panel/Paver: Cer/Brk	3%	2-4	$69,100	2049	* *	5	$16,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	2%	2-4	$35,600	2046	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	0-2	$45,300	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Near Room 121								
Vinyl Tile	65%	2-4	$869,600	2038	* *	3	$118,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$866,500	2061	* *	5	$45,400	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : 10th Floor Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : 10th Floor Gymnasium								
Interior Walls								
Ceramic Tile	5%	2-4	$143,300	2042	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$489,700	LIFE	* *	5	$20,800	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Auditorium Projection Room Window								
Explanation : Lintel Failure Suspected								
Folding Partition	2%	Now	$144,300	2049	* *	5	$13,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Plaster	60%	0-2	$380,300	LIFE	* *	5	$93,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	23%	Now	$538,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	0-2	$311,700	2038	* *	5	$48,400	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor, 2nd Floor And 9th Floor								
AcousTileSusp.Lay-In	5%			2038	* *	5	$24,200	
AcousTileSusp.Lay-In	40%			2050	* *	5	$193,700	
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : 8th Floor, 5th Floor, 7th Floor, 6th Floor, 4th Floor, 3rd Floor, Partial 1st Floor								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$90,800	
Exposed Struc: Concrete	5%	Now	$453,500	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Electrical Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room								
Plaster	15%	0-2	$110,500	LIFE	* *	5	$45,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$102,800	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches With No Available Nameplate Ratings								
Transformers								
Dry Type	100%			2031	$26,700	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 440 Kilovolt Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$650,200	5	$1,300	

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DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2033	$674,300	1		
Panelboards								
Fused Disc Sw	10%			2032	$63,900	5	$700	
Molded Case Bkrs	85%			2032	$542,900	5	$7,000	
Molded Case Bkrs	5%			2049	* *	5	$400	
Wiring								
Thermoplastic	95%			2033	$853,600	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	15%			2031	$54,400	5	$300	
Motor Control Center	85%			2031	$1,236,000	5	$7,300	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$4,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$96,800	
Generators								
Diesel	100%	Now	$138,700	2048	* *	1	$109,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Not Functional								
Fuel Storage								
Main Tank	100%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$271,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Incandescent	1%			2028	$87,200	2	$100	
LED	5%			2041	* *			
Egress Lighting								
Emergency, Service	40%			2038	* *	1		
Emergency, Battery	10%			2033	$52,800	10	$7,600	
Exit, Service	50%			2028	$67,900	1		
Exterior Lighting								
HID	20%			2028	$293,700	10	$200	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$58,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Staircases								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$295,400	1	$58,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit Doors And Hallways								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$811,900	1-3	$199,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Stations, Alarm Bells And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Heat Exchanger, Plate & Frame	60%			2036	* *	1	$93,400	
Pres. Reducing Valve/LP Steam	40%			2046	* *	5	$7,500	
Distribution								
Hot Wtr Piping/Pump	60%	Now	$20,600	2041	* *	4	$9,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Leaking Hot Water Piping								
Steam Piping/Pump	40%	0-2	$20,200	2043	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 2%								
Location : Basement Steam Room								
Terminal Devices								
Air Handler	45%			2028	$2,665,400	1	$87,600	
Convector/Radiator	10%			2038	* *	1	$10,200	
Fan Coil Unit/Heat	45%			2033	$3,511,700	1	$45,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Ductwork Reheat Coils								
Air Conditioning								
Energy Source								
Steam/HW System	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Steam/HW	100%	0-2	$1,021,300	2036	* *	1	$306,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of No.1 Unit. 10th Floor Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 10th Floor Mechanical Equipment Room								
Explanation : 2 Units. Lithium Bromide Refrigerant.								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2043	* *	4	$15,500	
Terminal Devices								
Air Handler/Cool/Ht	100%			2028	$6,107,300	1	$194,600	
Heat Rejection								
Water Cooling Tower	100%			2034	* *	2	$316,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$277,900	
Exhaust Fans								
Interior	100%			2028	$1,396,000	2	$9,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$202,100	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Leaking Booster Pump								
HW Heat Exchanger								
Steam Fired	100%			2053	* *	4	$46,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$12,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 10th Floor, Basement To 10th Floor								
Explanation : 2 Units. 1 Passenger, 1 Freight								

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DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 For Each Floor								
Explanation : 22 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$158,700	
Sprinkler								
No Component	80%							
Generic	20%			2033	$870,500	1-2	$17,600	
Fire Pump								
Generic	100%			2036	* *	1	$58,800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **OFFSITE EDUCATIONAL SERVICES -BX**		
Address	: **2007 MAPES AVE. @E. 178 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X989**
Program / Asset #	: **BOE1053.000 / 14268**	**Yr Built/Renovated**	: **1997 /**
Area Sq Ft	: **8,526**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3106** **Lot** : **28**	**BIN**	: **2012934**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical	$101,800	$108,400
Mechanical		$57,300
Total	**$101,800**	**$165,700**
Importance Code B	$101,800	$165,700
Total	**$101,800**	**$165,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$91,300	$17,300		$1,800
Interior Architecture		$2,600	$900	
Electrical	$200	$300	$400	$15,300
Mechanical	$24,600	$2,000	$2,500	$3,300
Site Enclosure	$14,200			
Site Pavements	$4,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$138,600**	**$26,100**	**$7,800**	**$24,400**
Importance Code A	$94,200	$17,800	$400	$2,200
Importance Code B	$44,400	$8,300	$6,800	$22,100
Importance Code C			$600	
Total	**$138,600**	**$26,100**	**$7,800**	**$24,400**

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DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$200	
Masonry: Brick Cavity	85%			LIFE	* *	5	$15,600	
Metal/Glass Curt Wall	3%			LIFE	* *	5	$1,000	
Metal Panel	5%			2052	* *	5-10	$6,300	
Window Wall	5%	4+	$27,800	2052	* *	5	$1,700	
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Main Entrance Window Wall Area								
Windows								
Aluminum	100%	4+	$16,600	2048	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Various Windows								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$300	
Metal Panel	10%			2052	* *	5	$100	
Roof								
Metal Panel	70%			2045	* *	10	$17,300	
Modified Bitumen	30%	0-2	$44,300	2042	* *			
Blisters, Extent : Severe, Area Affected : 25%								
Location : Over Office								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Over Office								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Over Office								
Soffits								
Cast in Place Concrete	100%	2-4	$2,600	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Under Stair At Rear Of Building								
Interior								
Floors								
Carpet	5%			2031	$11,300	3	$1,000	
Cast in Place Concrete	20%			LIFE	* *	5	$5,600	
Ceramic Tile	5%			2041	* *	5	$600	
Terrazzo	10%			LIFE	* *	5	$1,000	
Vinyl Tile	60%			2037	* *	3	$2,900	
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$1,200	
Glass: Single Pane	5%			LIFE	* *	5	$900	
Gypsum Board	40%			LIFE	* *	5	$5,600	
Masonry: Brick	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2045	* *	5	$2,600	
Exposed Struc: Steel	60%			LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Office								
Gypsum Board	20%			LIFE	* *	5	$3,200	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$14,200	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Of Buildings								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,200	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East 178th Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : East 178th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	95%			2041	* *			
Rubber Matting	5%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$108,400	5		
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,000	5		
Molded Case Bkrs	95%			2031	$19,000	5		$200
Wiring								
Thermoplastic	100%			2032	$21,100	1		
Motor Controllers								
Locally Mounted	100%			2030	$46,900	5		$100
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		$100
Lighting								

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DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2027	$87,300	10	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2027	$14,500	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Light Fixtures								
HID	10%			2027		10		
LED	20%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$1,000	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	20%			2027	$8,000	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	10%			2027	$1,600	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry And Exit Doors								
Explanation : Intrusion Alarm And Sensor								
Generic	20%			2032	$3,200	1	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$6,600	1-3	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2052	* *	1		
Natural Gas	80%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	40%			2032	$10,600	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Part Of The Air Conditioning System. Main Floor								
Explanation : 2 Units								
Hot Water Boiler	60%	Now	$2,700	2037	* *	1	$2,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room. Fresh Air Damper Malfunctioning								
Other Observation, Extent : Light, Area Affected : 60%								
Location : 2nd Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	60%			2040	* *	4	$400	
No Component	40%							
Terminal Devices								
Convector/Radiator	60%			2045	* *	1	$1,700	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%	0-2	$11,500	2032	$57,300	2	$200	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 1 Of 2 Units Is Not Working On The Roof.								
No Component	60%							
Terminal Devices								
Air Handler/Dir Expansion	20%			2032	$13,100	1		
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2037	* *	2	$1,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$7,500	LIFE	* *	2-5	$4,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Exhaust Fans								
Roof	100%			2032	$16,500	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2037	* *	1	$500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar, 1st, Mezzanine								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$100	
Chemical System								
No Component	80%							
Generic	20%			2030	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. - 208 M TANDEM M185**		
Address	: **21 WEST 111 STREET @ 5TH AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M208**
Program / Asset #	: **BOE0109.000 / 1660**	**Yr Built/Renovated**	: **1968 /**
Area Sq Ft	: **135,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1595** **Lot** : **15**	**BIN**	: **1051410**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$127,600	$251,000
Interior Architecture	$10,493,100	$52,000
Electrical	$387,600	$1,054,600
Mechanical	$1,232,000	$6,101,200
Total	**$12,240,400**	**$7,458,800**
Importance Code A	$186,400	$1,463,600
Importance Code B	$12,053,900	$5,995,200
Total	**$12,240,400**	**$7,458,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,200			$14,200
Interior Architecture	$111,300		$7,400	$18,600
Electrical	$17,600	$3,900	$12,900	$3,400
Mechanical	$96,100	$19,500	$58,300	$26,100
Site Pavements				
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$236,200**	**$27,300**	**$82,600**	**$66,300**
Importance Code A	$7,200	$13,400	$13,700	$27,600
Importance Code B	$215,300	$14,000	$68,900	$38,700
Importance Code C	$13,700			
Total	**$236,200**	**$27,300**	**$82,600**	**$66,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. - 208 M TANDEM M185

Asset # : 1660

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$104,900	
Pre-Cast Concrete	30%			LIFE	* *	5	$146,100	
Windows								
Aluminum	100%			2047	* *	5	$28,400	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$5,200	
Pre-Cast Concrete	60%			LIFE	* *	5	$49,500	
Roof								
Metal Panel	3%			2044	* *	10	$7,200	
Modified Bitumen	97%			2036	* *	10	$127,600	
Soffits								
Stucco Cement	100%			2036	* *	5		
Interior								
Floors								
Carpet	10%			2030	$350,500	3	$39,600	
Cast in Place Concrete	10%			LIFE	* *	5	$43,400	
Ceramic Tile	5%	Now	$11,200	2034	* *	5	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Area								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Area								
Slate	5%			LIFE	* *	5	$10,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairwells								
Explanation : These Are Actually Stone Stair Treads								
Terrazzo	5%			LIFE	* *	5	$7,700	
Vinyl Tile	35%			2036	* *	3	$34,700	
Vinyl Tile 9" X 9"	30%			2026	$10,493,100	3	$22,300	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$7,800	
Folding Partition	3%			2039	* *	5	$19,600	
Masonry: Brick	5%			LIFE	* *			
Plaster	44%			LIFE	* *	5	$34,400	
SGFT/Glazed Masonry	45%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. - 208 M TANDEM M185
Asset # : 1660

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	0-2	$38,300	2036	* *	5	$29,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
AcousTileSusp.Lay-In	10%			2044	* *	5	$19,800	
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,600	
Metal Panel	3%	4+	$19,700	LIFE	* *	5	$7,400	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Plaster	42%			LIFE	* *	5	$52,000	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2051	* *			
Iron Picket	30%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	60%			2036	* *			
Masonry: Granite	40%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	85%			2040	* *			
Rubber Matting	5%			2031	$20,700			
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Various Areas In East And West Play Yards								
Explanation : These Are Actually Grass Or Planting Soil Areas								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. - 208 M TANDEM M185

Asset # : 1660

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$36,000	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere And One 1,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2041	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$234,100	5	$500	
Fused Disc Sw	20%			2041	* *	5	$100	
Raceway								
Conduit	80%			2031	$231,100	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	15%			2030	$44,900	5	$500	
Fused Toggle Switch	1%	2-4	$3,000	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	64%			2030	$191,600	5	$2,300	
Molded Case Bkrs	20%			2039	* *	5	$700	
Wiring								
Braided Cloth	80%	2-4	$319,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2039	* *	10	$120,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2031	$60,400	10	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. - 208 M TANDEM M185

Asset # : 1660

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	20%			2031	$16,600	1		
Emergency, Battery	30%			2026	$68,000	10	$9,800	
Exit, Service	40%			2031	$23,300	1		
Exit, Service	10%			2039	* *	1		
Exterior Lighting								
LED	100%			2039	* *			
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic, Analog	34%			2036	* *	1-3	$29,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$313,900	5	$41,800	
Conversion Equipment								
Steam Boiler	100%	Now	$58,800	2029	$1,176,700	1	$120,300	
Broken, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Mechanical Damper								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room One Boiler Not Functioning								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Two No.4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	10%	0-2	$64,900	2061	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room Steam Valves								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Replacment Project Underway								
Steam Piping/Pump	90%			2031	$973,000			

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DEPARTMENT OF EDUCATION - 040

P. S. - 208 M TANDEM M185

Asset # : 1660

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	Now	$38,100	2026	$762,100	1	$22,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement Unit Serving Auditorium								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Fan Rooms								
Convector/Radiator	5%	0-2	$33,100	2051	* *	1	$2,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout Building, 20 Of 100 Defective Thermostats								
Convector/Radiator	65%			2029	$717,600	1	$28,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	5%			2031	$160,300			
Window/Wall Unit	75%			2029	$383,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,300	
Exhaust Fans								
Interior	25%			2026	$149,700	2	$1,000	
On Extended Life, Extent : Severe, Area Affected : 20%								
Location : Basement Fan Room								
Roof	75%			2026	$196,500	2	$3,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,723,500	1		
Water Heater With Tanks								
Electric	10%			2026	$2,400	4		
Gas Fired	90%			2024	$15,400	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2031	$652,800	4	$13,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. - 208 M TANDEM M185

Asset # : 1660

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$5,400	2031	$27,000	4	$2,900	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : One Of Two Units In Basment Not Working								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Obsolete Unit - Inoperable								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,900	
Chemical System								
No Component	95%							
Generic	5%			2026	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 1 - BK**		
Address	: **309 47 STREET @THIRD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K001**
Program / Asset #	: **BOE0342.000 / 2682**	**Yr Built/Renovated**	: **1965 / 2011**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **755** **Lot** : **22**	**BIN**	: **3011821**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$480,900	$148,700
Interior Architecture		$10,909,000
Electrical	$189,600	$336,200
Mechanical	$1,021,000	$157,200
Total	**$1,691,600**	**$11,551,100**
Importance Code A	$480,900	$148,700
Importance Code B	$1,210,700	$11,402,300
Total	**$1,691,600**	**$11,551,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,600		$16,200	$17,800
Interior Architecture	$37,800	$7,600	$2,000	$5,900
Electrical	$84,400	$1,700	$23,800	$2,000
Mechanical	$44,400	$12,100	$32,600	$12,500
Site Pavements	$7,200			
Total	**$191,500**	**$21,300**	**$74,700**	**$38,200**
Importance Code A	$24,800	$7,100	$23,600	$24,900
Importance Code B	$162,900	$14,200	$51,100	$13,300
Importance Code C	$3,900			
Total	**$191,500**	**$21,300**	**$74,700**	**$38,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	82%			LIFE	* *	5	$93,300	
Metal Coiling Doors	3%	Now	$218,700	2051	* *	5	$5,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : North Elevation								
Pre-Cast Concrete	15%			LIFE	* *	5	$55,500	
Windows								
Aluminum	98%			2047	* *	5	$35,500	
Metal Louvers	2%			2040	* *	10	$4,500	
Parapets								
Masonry: Brick Cavity	45%			LIFE	* *	5	$6,800	
Metal Rail	45%			2044	* *	5-10	$123,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,600	
Roof								
Built-Up (BUR)	30%			2026	$187,200	10	$16,000	
Fluid Applied Roofing	10%			2059	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior Courtyard								
Explanation : Rubber Pavers Over Fluid Applied Membrane								
Modified Bitumen	60%	4+	$17,500	2036	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Soffits								
Pre-Cast Concrete	2%	Now	$100	LIFE	* *	5		
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : North Elevation By Kitchen Entrance								
Stucco Cement	98%			2036	* *	5	$400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,700	
Ceramic Tile	3%			2034	* *	5	$4,000	
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Various Bathrooms								
Sheet Vinyl/Rubber	2%			2036	* *	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	35%			2036	* *	3	$23,600	
Vinyl Tile 9" X 9"	45%			2031	$10,690,500	3	$22,700	
Wood	5%			2059	* *	5	$12,600	
Interior Walls								
Cast in Place Concrete	3%			LIFE	* *			
Ceramic Tile	3%			2034	* *	5	$7,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,300	
Fiberglass Panel	2%			LIFE	* *			
Mosaic Tile	3%			LIFE	* *			
Plaster	54%			LIFE	* *	5	$41,800	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	4+	$13,000	2036	* *	5	$10,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTile,Adhered	10%			2044	* *	5	$13,500	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	8%			2031	$168,000			
Metal Panel	5%			LIFE	* *	5	$8,400	
Plaster	60%			LIFE	* *	5	$50,500	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Various Locations								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$7,200	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Sidewalk Adjacent To Northeast Corner Of Building								
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	90%			2034	* *			
Cast in Place Concrete	10%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2061	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2061	* *	5	$2,400	
Raceway								
Conduit	80%			2031	$161,400	1		
Conduit	10%			2041	* *	1		
Conduit	10%			2061	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2056	* *	5	$300	
Molded Case Bkrs	80%			2056	* *	5	$1,900	
Molded Case Bkrs	5%	Now	$2,400	2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Lighting Panel								
Explanation : Main Circuit Breaker Cannot Be Reset								
Wiring								
Braided Cloth	65%	0-2	$189,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2041	* *	1		
Thermoplastic	5%			2061	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$500	
Locally Mounted	20%	0-2	$14,300	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	96%			2041	* *	10	$79,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	4%	Now	$10,000	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Explanation : LEDs Out In Some Fixtures								
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$10,900	
Inadequate Lighting Level, Extent : Moderate, Area Affected : 10%								
Location : Stairwells								
Exit, Service	50%			2026	$19,400	1		
Exterior Lighting								
HID	20%	0-2	$33,600	2041	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Exterior								
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 100%								
Location : Building Exterior								
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2066	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : Chimney Stack Has Air Terminals And Downleads								
Alarm								
Security System								
No Component	80%							
Generic	20%			2039	* *	1	$6,700	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%	Now	$23,200	2039	* *	1-3	$10,100	
Control Panel Damaged, Extent : Moderate, Area Affected : 20%								
Location : First Floor Corridor								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridor								
Explanation : Control Panel LCD Display Malfunctioning								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Heat Exchanger, Shell & Tube	20%			2040	* *			
Steam Boiler	80%			2044	* *	1	$71,300	
Distribution								
Hot Wtr Piping/Pump	20%			2047	* *	4	$900	
Steam Piping/Pump	80%	Now	$11,500	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Insulation Missing On Steam Piping								
Terminal Devices								
Air Handler	25%			2026	$423,400	1	$13,900	
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Basement Fan Room								
Convector/Radiator	50%	0-2	$7,400	2036	* *	1	$13,100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Thermostat Batteries At Various Locations								
Convector/Radiator	20%			2044	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Radiators								
Fan Coil Unit/Heat	5%			2026	$111,600	1	$1,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : Evaporator Coil Installed In Auditorium Blower								
Window/Wall Unit	80%			2026	$272,800	1		
No Component	10%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$35,100	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2031	$157,200	1	$5,600	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2036	* *	2	$12,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,200	
Exhaust Fans								
Interior	25%			2026	$99,800	2	$700	
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Basement Fan Room								
Roof	65%	Now	$11,400	2026	$113,500	2	$1,400	
Broken, Extent : Severe, Area Affected : 40%								
Location : E F - 1 And 2 At Roof								
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Roof								
Roof	10%			2036	* *	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2036	* *	1	$5,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,300	
Chemical System								
No Component	98%							
Generic	2%			2026	$1,600	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Not In Service Due To Removal Of Ranges And Ovens; In Cafeteria								
Explanation : Abandoned In Place								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 1 - M ALFRED E. SMITH**		
Address	: **8 HENRY STREET @CATHERINE ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M001**
Program / Asset #	: **BOE0001.000 / 456**	**Yr Built/Renovated**	: **1898 / 2012**
Area Sq Ft	: **73,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **279** **Lot** : **40**	**BIN**	: **1003375**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$88,900	$925,300
Interior Architecture	$145,800	$59,900
Electrical	$293,500	$242,700
Mechanical	$246,900	$1,811,100
Site Enclosure		$454,600
Total	**$775,000**	**$3,493,700**
Importance Code A	$88,900	$925,300
Importance Code B	$686,200	$2,113,800
Importance Code C		$454,600
Total	**$775,000**	**$3,493,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$46,800
Interior Architecture	$13,200	$14,100		$10,600
Electrical	$1,800	$2,400	$1,900	$38,300
Mechanical	$44,900	$17,300	$17,600	$47,200
Site Enclosure	$45,500			
Total	**$105,300**	**$33,800**	**$19,600**	**$142,900**
Importance Code A	$7,200	$7,200	$7,200	$54,200
Importance Code B	$39,400	$26,600	$12,300	$88,700
Importance Code C	$58,600			
Total	**$105,300**	**$33,800**	**$19,600**	**$142,900**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - M ALFRED E. SMITH

Asset # : 456

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$259,100	
Repairs in Progress, Extent : N/A, Area Affected : 80%								
Location : Street Facing Facades								
Masonry: Brick	80%			LIFE	* *	5	$379,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Street Facing Facades								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 75%								
Location : Street Facing Facades								
Masonry: Limestone	3%			LIFE	* *	5	$10,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Street Facing Facades								
Metal Panel	10%			2052	* *	5-10	$325,800	
Windows								
Aluminum	100%			2048	* *	5	$19,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$3,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	65%			2037	* *	10	$43,500	
Copper/Terne	30%			2060	* *	10	$50,100	
Modified Bitumen	5%			2037	* *	10	$3,300	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$5,600	
Terrazzo	5%			LIFE	* *	5	$4,400	
Vinyl Tile	80%			2037	* *	3	$33,800	
Wood	10%			2047	* *	5	$21,200	
Interior Walls								
Ceramic Tile	5%	0-2	$13,200	2035	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilet Rooms								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$20,100	
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	5%			LIFE	* *	5	$19,100	
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,600	
Plaster	85%	4+	$145,800	LIFE	* *	5	$59,900	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Cafeteria								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 1 - M ALFRED E. SMITH

Asset # : 456

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$45,500	2032	$454,600			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Entrance Gates								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Various								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Various								
Explanation : Loose Mesh Sections								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalks								
Explanation : Recent Construction								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Asphalt	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	70%			2032	$101,200	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$12,600	5	$100	
Fused Disc Sw	3%			2048	* *	5	$100	
Molded Case Bkrs	10%			2031	$18,000	5	$200	
Molded Case Bkrs	80%			2048	* *	5	$1,500	
Wiring								
Braided Cloth	50%	2-4	$99,800	2057	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Thermoplastic	30%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 1 - M ALFRED E. SMITH

Asset # : 456

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$300	
Locally Mounted	30%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$64,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$61,300	10	$8,800	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	5%			2027	$17,000	10		
HID	15%	Now	$51,100	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$27,400	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank No.2 Oil								

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DEPARTMENT OF EDUCATION - 040

P. S. 1 - M ALFRED E. SMITH

Asset # : 456

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$72,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2032	$467,700			
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room, Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Steam Piping/Pump	20%	0-2	$5,800	2052	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Feed Water Piping Leaking								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement. One Vacuum Pump Not Working								
Terminal Devices								
Air Handler	10%			2032	$137,400	1	$4,500	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Fan Room Adjacent To The Cafeteria, The Auditorium Blower Is Beyond Its Useful Life Cycle Limit								
Convector/Radiator	80%			2030	$477,600	1	$18,900	
Fan Coil Unit/Heat	10%			2032	$181,000	1	$2,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : 1 Unit. R-410a								
Window/Wall Unit	60%	Now	$16,600	2027	$165,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms And Offices, Multiple Mechanical And Or Electrical Deficiencies								
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2037	* *	1	$1,200	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2037	* *	2	$2,500	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$12,200	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 1 - M ALFRED E. SMITH

Asset # : 456

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	25%			2027	$80,900	2	$600	
Roof	5%			2027	$7,100	2	$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$466,000	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Sanitary Piping Is Beyond Their Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,300	
Backflow Preventer								
Generic	100%			2042	* *	1	$4,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$30,300	1-2	$600	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 1 - SI**		
Address	: **58 SUMMIT STREET @ YETMAN AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R001**
Program / Asset #	: **BOE0898.000 / 1464**	**Yr Built/Renovated**	: **1907 / 2006**
Area Sq Ft	: **43,230**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Aug-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7898** **Lot** : **1**	**BIN**	: **5107854**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$145,300	$88,200
Interior Architecture	$403,600	$1,009,000
Electrical	$180,900	$1,056,100
Mechanical	$188,500	$834,700
Site Pavements	$76,900	
Total	**$995,200**	**$2,987,900**
Importance Code A	$145,300	$88,200
Importance Code B	$849,900	$2,899,700
Total	**$995,200**	**$2,987,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$30,400	
Interior Architecture	$67,100	$1,800	$18,900	$4,600
Electrical	$27,800	$1,800	$35,200	$1,200
Mechanical	$41,700	$7,800	$70,400	$8,200
Site Enclosure	$600			
Site Pavements	$28,200			
Total	**$165,400**	**$11,300**	**$154,900**	**$14,000**
Importance Code A	$4,300	$4,300	$34,800	$4,300
Importance Code B	$142,800	$5,200	$120,100	$9,700
Importance Code C	$18,300	$1,800		
Total	**$165,400**	**$11,300**	**$154,900**	**$14,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$145,300	LIFE	* *	5	$88,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Corridor Connecting P.S. 1 To Annex								
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Windows								
Aluminum	100%			2053	* *	5	$22,800	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$13,000	
Metal Rail	15%			2036	* *	5-10	$44,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,100	
Roof								
Built-Up (BUR)	97%			2039	* *	10	$47,200	
Copper/Terne	3%			2066	* *	10	$3,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,000	
Ceramic Tile	5%			2034	* *	5	$3,700	
Mosaic Tile	2%	Now	$27,400	2036	* *	5	$1,800	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Main Entry								
Terrazzo	3%			LIFE	* *	5	$1,700	
Vinyl Tile	50%	Now	$20,200	2031	$1,009,000	3	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Vinyl Tile	20%			2026	$403,600	3	$5,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	15%			2046	* *	5	$20,500	
Repairs in Progress, Extent : N/A, Area Affected : 5%								
Location : Auditorium								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$3,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$2,900	
Masonry: Brick	15%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$8,700	
Plaster	20%	Now	$17,700	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooms Along North Facade, Bathroom								
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%			2036	* *	5	$13,700	
Exposed Struc: Concrete	5%			LIFE	* *	5	$600	
Plaster	80%			LIFE	* *	5	$36,500	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%	Now	$600	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Summit Street								
Chain Link	35%			2051	* *			
Iron Picket	55%			2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$76,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Masonry: Granite	100%			LIFE	* *			
Activity Yard								
Asphalt	50%	2-4	$28,200	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East Of P.S. 1								
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : West Of P.S. 1								
Explanation : Asphalt Removed For Addition To The Building								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$162,600	5	$200	
Raceway								
Conduit	95%			2031	$76,900	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	95%			2030	$132,700	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	25%	2-4	$26,400	2056	* *	1		
Insulation Aged, Extent : Light, Area Affected : 20%								
Location : Throughout								
Thermoplastic	70%			2041	* *	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	30%			2031	$193,300	10	$11,900	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	65%			2031	$418,900	10	$25,800	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Incandescent	5%			2026	$59,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2031	$36,300	10	$5,200	
Exit, Service	50%			2031	$9,300	1		
Exterior Lighting								
HID	60%			2026	$121,000	10	$100	
No Component	40%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$24,300	1	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$33,500	1-3	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$42,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	10%			2026	$81,400	1	$2,700	
Convector/Radiator	80%			2029	$282,800	1	$11,200	
Fan Coil Unit/Heat	10%			2026	$107,200	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2026	$32,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$24,100	
Exhaust Fans								
Roof	7%	Now	$5,900	2036	* *	2	$100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Exhaust At Roof								
Roof	93%			2036	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$551,900	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$10,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Slop Sink At Rooms 101A, 213 And 301A.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$8,700	4	$900	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$2,400	
Chemical System								
Dry	10%			2026	$8,100	1-3	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Hdr-25 DC								
No Component	70%							
Generic	20%			2026	$16,300	1-3	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 1 - SI ANNEX**			
Address	:	**58 SUMMIT STREET @YETMAN AVE.**			
Borough	:	**STATEN ISLAND**	**Agency's Number**	:	**R802**
Program / Asset #	:	**BOE0898.010 / 2946**	**Yr Built/Renovated**	:	**1878 / 2002**
Area Sq Ft	:	**23,300**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**08-Aug-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Floors 1,2**			
Block	:	**7898** **Lot** : **1**	**BIN**	:	**5107854**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$475,700	$179,500
Interior Architecture	$462,500	$331,800
Electrical	$236,200	$268,000
Mechanical		$555,600
Total	**$1,174,400**	**$1,334,900**
Importance Code A	$475,700	$179,500
Importance Code B	$452,500	$1,061,200
Importance Code C	$246,200	$94,300
Total	**$1,174,400**	**$1,334,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$80,300			
Interior Architecture	$17,100	$1,900		
Electrical	$47,000	$700	$46,400	$1,000
Mechanical	$4,500	$1,900	$23,900	$1,900
Site Enclosure				
Site Pavements	$25,900			
Total	**$174,700**	**$4,500**	**$70,300**	**$2,900**
Importance Code A	$80,300		$100	
Importance Code B	$93,300	$4,500	$70,200	$2,900
Importance Code C	$1,100			
Total	**$174,700**	**$4,500**	**$70,300**	**$2,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI ANNEX

Asset # : 2946

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%	Now	$324,400	LIFE	* *	5	$25,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corners								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$59,500	
Masonry: Brick	87%			LIFE	* *	5	$94,600	
Masonry: Sandstone	2%	Now	$151,300	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Masonry: Sandstone	1%			LIFE	* *	5	$800	
Windows								
Aluminum	100%	Now	$44,400	2047	* *	5	$4,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Wood Cornice	100%	Now	$32,100	2051	* *	5	$38,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Asphalt Shingle	100%			2034	* *	10	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Not Accessible								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$7,500	
Ceramic Tile	5%			2040	* *	5	$1,700	
Panel/Paver: Cer/Brk	15%			2039	* *	5	$11,600	
Vinyl Tile	25%			2031	$237,500	3	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	10%	Now	$123,100	2059	* *	5	$3,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout Gymnasium 1st And 2nd Floors								
Wood	35%			2059	* *	5	$22,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI ANNEX

Asset # : 2946

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	5%	2-4	$56,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Masonry: Brick	15%			LIFE	* *			
Plaster	40%	Now	$57,300	LIFE	* *	5	$7,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Floors 1 And 2 Along Brighton Street Side								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Floors 1 And 2								
Wood	40%	Now	$132,700	LIFE	* *	5	$94,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceilings								
Embossed Metal	15%	Now	$93,200	LIFE	* *	5	$2,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Embossed Metal	85%			LIFE	* *	5	$13,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	90%			2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Yetman Avenue								
Masonry: Brick	10%			2031	$30,200			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$24,800	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$1,100	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East Entrance								
Activity Yard								
Asphalt	40%			2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Rubber Matting	10%			2036	* *			
Not Accessible	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : West Of Annex								
Explanation : Construction Area West Of Annex For Building Addition								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 1 - SI ANNEX
Asset # : 2946

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Electrical Power Is Derived From The Main Building Electrical Service.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$100	
Raceway								
Conduit	90%			2031	$55,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$600	
Wiring								
Braided Cloth	60%	0-2	$46,300	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2051	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	68%			2026	$236,200	10	$14,500	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	30%			2031	$104,200	10	$6,400	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	2%			2026	$12,900	2		
Egress Lighting								
Emergency, Battery	50%			2031	$19,600	10	$2,800	
Exit, Service	50%			2031	$5,000	1		
Exterior Lighting								
HID	100%			2031	$108,700	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$13,100	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI ANNEX

Asset # : 2946

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$18,000	1-3	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells. The Fire Alarm Control Panel Is Located In The Main Building.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2031	$186,600			
Terminal Devices								
Convector/Radiator	100%			2029	$190,500	1	$7,500	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2026	$4,400	1		
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2041	* *	1		
Galvanized Steel	60%			2029	$178,500	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,600	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Submersible	100%			2024	$700	4	$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$300	
Chemical System								
No Component	80%							
Generic	20%			2026	$16,300	1-3	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 2 - M**		
Address	: **122 HENRY STREET @ PIKE ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M002**
Program / Asset #	: **BOE0002.000 / 457**	**Yr Built/Renovated**	: **1958 / 2008**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Nov-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**		
Block	: **273** **Lot** : **1**	**BIN**	: **1003248**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,101,700	$205,900
Interior Architecture	$10,591,100	$3,004,600
Electrical	$425,100	$317,100
Mechanical	$681,800	$2,072,500
Site Pavements		$73,300
Total	**$12,799,700**	**$5,673,400**
Importance Code A	$1,101,700	$205,900
Importance Code B	$11,697,900	$5,467,400
Total	**$12,799,700**	**$5,673,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$63,800		$4,100	$7,900
Interior Architecture	$33,800	$11,900	$9,100	$7,400
Electrical	$48,200	$2,600	$29,300	$2,300
Mechanical	$12,600	$6,800	$11,700	$8,900
Site Pavements	$4,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$166,400**	**$25,300**	**$58,100**	**$30,400**
Importance Code A	$63,800	$2,700	$4,300	$7,900
Importance Code B	$98,600	$20,600	$53,800	$22,500
Importance Code C	$4,000	$2,000		
Total	**$166,400**	**$25,300**	**$58,100**	**$30,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$64,000	
Masonry: Brick Cavity	57%			LIFE	* *	5	$77,900	
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : Gymnasium Wall								
Metal/Glass Curt Wall	25%			LIFE	* *	5	$64,000	
Pre-Cast Concrete	3%	Now	$29,700	LIFE	* *	5	$13,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Window Sills And Heads								
Stucco Cement	5%			2044	* *	5	$17,100	
Windows								
Aluminum	70%			2047	* *	5	$15,700	
Fiberglass Panel	30%			2039	* *	5	$25,300	
Parapets								
Masonry: Brick Cavity	85%	Now	$83,800	LIFE	* *	5	$16,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Interior Wall - Parapets								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal: Cage/Fence	10%			2044	* *	5-10	$15,200	
Pre-Cast Concrete	5%	Now	$4,000	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : North Facade								
Explanation : Temporary Membrane Installed Over Parapet Coping								
Roof								
Built-Up (BUR)	98%			2026	$937,600	10	$80,300	
Copper/Terne	2%			2046	* *	10	$4,100	
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$12,500	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Sub-basement Corridors								
Ceramic Tile	3%			2040	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$5,700	
Vinyl Tile	42%			2031	$1,706,500	3	$23,200	
Vinyl Tile 9" X 9"	40%	Now	$207,700	2026	$10,383,400	3	$22,100	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Corridor								
Wood	5%			2046	* *	5	$13,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2040	* *	5	$4,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,400	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$24,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2029	$1,183,400	5	$36,800	
AcousTileSusp.Lay-In	3%			2036	* *	5	$4,400	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,300	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	5%			2031	$114,700			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : This Is Actually Tectum Panels								
Metal Panel	3%	4+	$2,900	LIFE	* *	5	$5,500	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Plaster	52%			LIFE	* *	5	$47,800	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Pavers/Stone	20%	Now	$4,000	2034	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : North Side Of Building								
Activity Yard								
Asphalt	85%			2034	* *			
Rubber Matting	15%			2031	$73,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	80%	4+	$8,100	2031	$161,400	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	65%			2030	$155,700	5	$1,600	
Molded Case Bkrs	25%			2047	* *	5	$600	
Wiring								
Braided Cloth	75%	2-4	$218,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	85%			2036	* *	10	$70,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$21,600	10	$100	
Incandescent	3%	4+	$37,800	2041	* *	2		
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
LED	10%	Now	$50,400	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Explanation : Light Fixtures Failed								
Egress Lighting								
Emergency, Battery	25%			2036	* *	10	$5,500	
Exit, Service	75%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$84,900	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operate Via Timer								
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Entries								
Explanation : Intrusion Only								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$11,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steam Supplied By Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2040	* *	5	$5,400	
Distribution								
Central Plant Steam Piping/Pmp	10%			2051	* *	4	$400	
Steam Piping/Pump	90%			2031	$655,800			
Terminal Devices								
Air Handler	20%			2026	$342,500	1	$11,300	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%			2036	* *	1	$23,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2031	$108,000			
Window/Wall Unit	75%			2026	$258,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2026	$80,700	2	$600	
Roof	80%	Now	$2,800	2031	$141,300	2	$1,800	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Roof								
Explanation : Broken Motor At Fan E F-8								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2031	$935,000	1		
Galvanized Steel	20%	2-4	$4,600	2029	$232,300	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
HW Heat Exchanger								
Steam Fired	100%			2051	* *	4	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Instantaneous Steam To Hot Water Plate Heat Exchanger								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,900	
Backflow Preventer								
Generic	100%			2036	* *	1	$5,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2041	* *	1-2	$800	
Chemical System								
No Component	99%							
Under Construction	1%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Kitchen								
Explanation : Not Activated								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

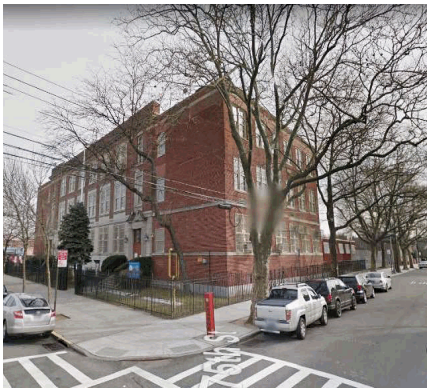
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 2 - Q**		
Address	: **75-10 21 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q002**
Program / Asset #	: **BOE0670.000 / 313**	**Yr Built/Renovated**	: **1936 / 2009**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **971** **Lot** : **1**	**BIN**	: **4021375**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$202,100	$69,500
Interior Architecture	$91,200	$1,009,000
Electrical	$138,500	$695,600
Mechanical	$206,200	$350,000
Total	**$638,000**	**$2,124,200**
Importance Code A	$202,100	$69,500
Importance Code B	$344,700	$2,054,700
Importance Code C	$91,200	
Total	**$638,000**	**$2,124,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,500	$5,100		$52,100
Interior Architecture	$11,900	$7,300	$11,600	$8,700
Electrical	$1,600	$1,400	$1,800	$44,100
Mechanical	$38,200	$8,300	$11,500	$9,800
Site Pavements	$30,800			
Total	**$126,000**	**$22,100**	**$25,000**	**$114,600**
Importance Code A	$48,400	$10,000	$4,900	$57,100
Importance Code B	$38,200	$12,100	$15,200	$57,500
Importance Code C	$39,400		$4,900	
Total	**$126,000**	**$22,100**	**$25,000**	**$114,600**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	$202,100	LIFE	* *	5	$49,100	
Other Observation, Extent : N/A, Area Affected : 40%								
Location : New Building At Rear								
Explanation : Under Construction								
Masonry: Brick	25%			LIFE	* *	5	$20,500	
Masonry: Granite	5%			LIFE	* *	5	$3,100	
Masonry: Limestone	5%			LIFE	* *	5	$3,100	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Front Facade								
Stucco Cement	5%			2045	* *	5	$10,200	
Windows								
Aluminum	100%			2048	* *	5	$28,900	
Parapets								
Masonry: Brick	90%	Now	$43,500	LIFE	* *	5	$3,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Explanation : Repair Will Be Part Of New Building								
Masonry: Limestone	10%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	75%			2037	* *	10	$41,100	
Copper/Terne	5%			2060	* *	10	$6,800	
Single Ply Membrane	20%			2037	* *	10	$11,000	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$28,500	
Ceramic Tile	5%			2041	* *	5	$4,300	
Terrazzo	3%			LIFE	* *	5	$2,000	
Vinyl Tile	30%			2037	* *	3	$9,800	
Vinyl Tile	42%			2032	$1,009,000	3	$13,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 9x9 Tiles								
Wood	5%			2060	* *	5	$8,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Basement Area								
Explanation : Part Of New Construction Repair Work								
Ceramic Tile	5%			2041	* *	5	$9,800	
Concrete Masonry Unit	12%			LIFE	* *	5	$9,400	
Gypsum Board	2%			LIFE	* *	5	$2,300	
Gypsum Board	10%			LIFE	* *	5	$11,700	
Marble Panels	5%			LIFE	* *			
Plaster	5%	Now	$11,900	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair C Bulkhead								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair C								
Plaster	27%			LIFE	* *	5	$15,800	
SGFT/Glazed Masonry	26%	Now	$91,200	LIFE	* *			
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Corridors, Stairs								
Ceilings								
AcousTile,Adhered	20%			2037	* *	5	$17,400	
Exposed Struc: Concrete	25%			LIFE	* *	5	$3,400	
Metal Panel	5%			LIFE	* *	5	$5,400	
Plaster	40%			LIFE	* *	5	$21,700	
Not Accessible	10%							
Site Enclosure								
Fence/Gates								
Chain Link	50%			2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Rear								
Explanation : Part Of New Construction Repair Work								
Iron Picket	50%			2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throuhgout								
Free Standing Walls								
Cast in Place Concrete	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	55%			2037	* *			
Cast in Place Concrete	10%			2049	* *			
Masonry: Granite	35%	0-2	$27,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout Entry Stairs								
Activity Yard								
Rubber Matting	30%	2-4	$3,300	2037	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Jungle Gymnasium								
Explanation : Uneven Surface								
Under Construction	70%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2058	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$100	
Molded Case Bkrs	70%			2031	$125,700	5	$1,100	
Molded Case Bkrs	20%			2054	* *	5	$300	
Wiring								
Thermoplastic	70%			2032	$139,700	1		
Thermoplastic	30%			2058	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$54,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	25%			2027	$26,000	10	$3,700	
Emergency, Battery	25%			2040	* *	10	$3,700	
Exit, Service	25%			2027	$6,700	1		
Exit, Service	25%			2040	* *	1		
Exterior Lighting								
HID	20%			2027	$57,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$11,600	1	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Cameras Security System								
Generic	10%			2032	$11,600	1	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	$32,000	1-3	$7,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement								
Explanation : One Tank 10,000 Gallons								
Interruptible Gas/Dual Fuel	90%			2052	* *	1		
Conversion Equipment								
Steam Boiler	80%			2045	* *	1	$49,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Under Construction	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	80%	2-4	$27,900	2052	* *	4	$2,400	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Explanation : Steam Strap								
No Component	20%							
Terminal Devices								
Air Handler	30%			2032	$350,000	1	$11,500	
Convector/Radiator	70%			2037	* *	1	$14,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2030	$47,000	1		
No Component	20%							
Under Construction	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : South Side Of The Building								
Explanation : Under Construction								
Under Construction	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Window Units In Class Room Under Construction								
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$24,200	
No Component	30%							
Exhaust Fans								
Interior	75%			2027	$206,200	2	$1,400	
Roof	25%			2032	$30,100	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2052	* *	1		
Galvanized Steel	70%			2037	* *	1		
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : Under Construction								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$12,400	4	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Under Construction	50%							
Generic	50%			2042	* *	1	$1,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : Storage/ Equipment Room Only								
Chemical System								
Clean	10%			2030	$7,000	1-3	$9,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Kitchen								
Explanation : Ansul System								
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 3 - BK**		
Address	: **50 JEFFERSON AVE. BTWN: FRANKLIN AVE., BEDFORD AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K003**
Program / Asset #	: **BOE0343.000 / 2521**	**Yr Built/Renovated**	: **1950 / 2013**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1998** **Lot** : **1**	**BIN**	: **3057406**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$934,800	$98,500
Interior Architecture	$548,300	$599,800
Electrical	$204,200	$643,900
Mechanical	$63,600	$1,675,600
Total	**$1,751,000**	**$3,017,700**
Importance Code A	$934,800	$98,500
Importance Code B	$575,100	$2,319,500
Importance Code C	$241,100	$599,800
Total	**$1,751,000**	**$3,017,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,000			
Interior Architecture	$156,600		$11,600	$5,400
Electrical	$29,500	$7,800	$9,700	$8,600
Mechanical	$46,600	$12,900	$21,400	$12,900
Site Pavements	$11,900			
Total	**$302,500**	**$20,700**	**$42,700**	**$26,900**
Importance Code A	$66,300	$8,300	$8,300	$8,300
Importance Code B	$193,700	$12,400	$34,400	$13,100
Importance Code C	$42,500			$5,400
Total	**$302,500**	**$20,700**	**$42,700**	**$26,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$811,000	LIFE	* *	5	$98,500	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Around Windows Rooms 100, 103, And 228								
Masonry: Limestone	5%			LIFE	* *	5	$7,800	
Windows								
Aluminum	37%	Now	$63,600	2049	* *	5	$6,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Aluminum	63%			2049	* *	5	$22,700	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$41,400	
Masonry: Limestone	10%			LIFE	* *	5-10	$8,200	
Roof								
Copper/Terne	5%			2061	* *	10	$8,600	
Metal Panel	15%			2050	* *	10	$18,900	
Modified Bitumen	80%	Now	$60,200	2038	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Ponding, Extent : Light, Area Affected : 10%								
Location : Upper And Lower Roofs								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior								
Floors								
Cast in Place Concrete	15%	2-4	$169,100	LIFE	* *	5	$43,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$37,400	2042	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	5%	Now	$62,000	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor								
Vinyl Tile	70%			2038	* *	3	$34,800	
Wood	5%	Now	$19,800	2048	* *	5	$6,200	
Dry Rot/Decay, Extent : Severe, Area Affected : 50%								
Location : Gymnasium Near Water Fountain								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$10,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Terracotta Blocks								
Folding Partition	2%	Now	$60,000	2032	$599,800	5	$5,400	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Marble Panels	5%	2-4	$38,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Plaster	50%	Now	$52,700	LIFE	* *	5	$32,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rooms 100, 103 And 228								
SGFT/Glazed Masonry	33%	Now	$128,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceilings								
AcousTile,Adhered	50%	0-2	$76,200	2038	* *	5	$23,700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Classrooms								
AcousTileConcealSpLn	20%	0-2	$30,500	2038	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Corridors								
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$23,700	
Plaster	10%	0-2	$5,800	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	40%			2053	* *			
Iron Picket	40%			2077	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Roof Barrier								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,900	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Jefferson Avenue								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Jefferson Avenue								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	60%			2042	* *			
Cast in Place Concrete	40%			2046	* *			
Activity Yard								
Rubber Matting	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	30%			2053	* *	1		
Conduit	70%			2033	$141,200	1		
Panelboards								
Fused Knife Sw	5%	0-2	$12,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	65%			2032	$155,700	5	$1,400	
Molded Case Bkrs	30%			2049	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$59,700	5	$300	
Locally Mounted	50%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$73,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2028	$56,400	10	$8,100	
Emergency, Battery	10%			2038	* *	10	$2,000	
Exit, Service	40%			2028	$14,500	1		
Exit, Service	10%			2038	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2048	* *	5	$100	
Alarm								
Security System								
Generic	100%			2028	$157,700	1	$31,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Gymnasium								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$51,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$83,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	10%			2059	* *			
Steam Piping/Pump	5%	0-2	$1,700	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Steam Piping/Pump	85%			2043	* *			
Terminal Devices								
Air Handler	50%			2033	$790,400	1	$26,000	
Convector/Radiator	50%			2038	* *	1	$13,600	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2028	$127,300	1		
Window/Wall Unit	20%	2-4	$63,600	2033	$63,600	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,200	
Exhaust Fans								
Interior	100%			2033	$372,500	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$321,700	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : One Tankless Unit With One 120 Gallons Storage Tank.								
Sanitary Piping								
Cast Iron	10%	0-2	$5,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement And 1st Floor								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$34,800	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 3 - M**		
Address	: **490 HUDSON STREET BTWN: GROVE ST., CHRISTOPHER S**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M003**
Program / Asset #	: **BOE0003.000 / 458**	**Yr Built/Renovated**	: **1905 / 2011**
Area Sq Ft	: **101,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-May-2022**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **585** **Lot** : **41**	**BIN**	: **1009872**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$423,100	$371,500
Interior Architecture	$378,200	$91,800
Electrical	$92,800	$1,340,300
Mechanical	$62,400	$4,491,200
Total	**$956,600**	**$6,294,700**
Importance Code A	$423,100	$385,600
Importance Code B	$448,000	$5,909,200
Importance Code C	$85,500	
Total	**$956,600**	**$6,294,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$77,100		$5,000	
Interior Architecture	$89,900	$7,600	$53,000	$5,000
Electrical	$11,400	$9,400	$11,700	$10,400
Mechanical	$51,400	$21,500	$26,000	$16,700
Total	**$229,800**	**$38,500**	**$95,600**	**$32,100**
Importance Code A	$87,100	$10,000	$15,000	$10,000
Importance Code B	$128,600	$28,500	$63,400	$22,100
Importance Code C	$14,100		$17,200	
Total	**$229,800**	**$38,500**	**$95,600**	**$32,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2068	* *	10	$19,100	
Masonry: Brick	75%			LIFE	* *	5	$244,500	
Masonry: Limestone	15%			LIFE	* *	5	$36,700	
Granite Panels	5%			LIFE	* *	5	$12,200	
Windows								
Wood	100%			2049	* *	5	$498,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$62,700	
Copper/Terne	5%			2068	* *	5	$5,300	
Masonry: Brick	40%			LIFE	* *	5-10	$60,400	
Metal Panel	40%			2043	* *	5	$34,200	
Metal: Cage/Fence	5%			2046	* *	5-10	$8,500	
Roof								
Built-Up (BUR)	57%			2038	* *	10	$40,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Copper/Terne	3%			2068	* *	10	$5,300	
Panel/Paver: Cer/Brk	30%			2053	* *	10	$28,100	
Slate	10%			LIFE	* *	10	$7,000	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$88,200	
Ceramic Tile	5%			2042	* *	5	$10,100	
Quarry Tile	5%			2050	* *	5	$15,100	
Terrazzo	3%			LIFE	* *	5	$9,400	
Vinyl Tile	67%			2038	* *	3	$50,600	
Wood	10%			2061	* *	5	$37,800	
Interior Walls								
Ceramic Tile	15%			2036	* *	5	$34,400	
Folding Partition	1%			2049	* *	5	$5,700	
Glass: Single Pane	2%			LIFE	* *	5	$6,900	
Masonry: Brick	10%			LIFE	* *	10	$6,900	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : Repairs In Progress								
Metal: Cage/Fence	2%			LIFE	* *	10	$900	
Plaster	70%	2-4	$85,500	LIFE	* *	5	$48,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwells								

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DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	20%	Now	$132,100	LIFE	* *	5	$6,300	
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Gypsum Board	5%			LIFE	* *	5-10	$34,600	
Metal Panel	2%			LIFE	* *	5	$10,100	
Plaster	73%			LIFE	* *	5-10	$252,400	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Rubber Matting	100%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Play Roof								
Explanation : Rubber Matting								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2033	$14,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Fused Disc Sw	75%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	$199,400	5	$300	
Fused Disc Sw	30%			2053	* *	5	$100	
Raceway								
Conduit	80%			2033	$213,500	1		
Conduit	20%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$13,100	5	$100	
Molded Case Bkrs	65%			2032	$170,500	5	$1,700	
Molded Case Bkrs	30%			2049	* *	5	$800	
Wiring								
Thermoplastic	80%			2033	$299,500	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$500	
Locally Mounted	20%			2031	$39,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$90,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Battery	50%	Now	$92,800	2043	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$103,200	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$207,700	1	$37,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$62,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$100,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2033	$885,800			
Terminal Devices								
Air Handler	10%	0-2	$62,400	2043	* *	1	$5,600	
Not Energy Efficient, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Auditorium Unit In The Basement								
Convector/Radiator	90%			2031	$814,100	1	$29,400	
Controls								
Pneumatic	100%			2031	$2,137,800			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	70%			2028	$293,300	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$3,300	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$7,000	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,200	
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Throughout Out								
Explanation : It Has Not Been Used For Long Time.								
Exhaust Fans								
Interior	10%			2028	$49,100	2	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Unit In The Basement								
No Component	90%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Abandoned Units Remain In Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$282,400	1		
Water Heater With Tanks								
Electric	100%			2032	$77,700	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two New 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$22,100	4	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$30,600	1-2	$600	
Chemical System								
Wet	100%			2031	$44,700	1-3	$41,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 10 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 3 - SI**		
Address	: **80 SOUTH GOFF AVENUE @ LATOURETTE ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R003**
Program / Asset #	: **BOE0900.000 / 1466**	**Yr Built/Renovated**	: **1959 / 2013**
Area Sq Ft	: **69,808**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **6796** **Lot** : **44**	**BIN**	: **5083311**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$172,700	$537,200
Interior Architecture	$1,179,600	$4,185,200
Electrical		$1,661,100
Mechanical		$944,700
Total	**$1,352,300**	**$7,328,100**
Importance Code A	$172,700	$537,200
Importance Code B	$672,700	$6,790,900
Importance Code C	$506,900	
Total	**$1,352,300**	**$7,328,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$50,700			$3,200
Interior Architecture	$118,000			$16,000
Electrical	$7,600	$6,500	$8,800	$6,600
Mechanical	$45,700	$12,000	$23,200	$11,300
Site Pavements	$84,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$310,400**	**$22,500**	**$36,000**	**$41,000**
Importance Code A	$57,600	$6,900	$6,900	$10,100
Importance Code B	$206,000	$15,500	$29,000	$24,200
Importance Code C	$46,800			$6,700
Total	**$310,400**	**$22,500**	**$36,000**	**$41,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$148,000	
Metal Panel	33%			2043	* *	5-10	$258,400	
Marble Panels	2%			LIFE	* *	5	$3,400	
Windows								
Aluminum	98%	Now	$39,700	2049	* *	5	$8,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : All Elevations								
Metal Louvers	2%			2042	* *	10	$2,100	
Parapets								
Masonry: Brick	15%			LIFE	* *	5-10	$10,900	
Metal Rail	85%			2046	* *	5-10	$162,500	
Roof								
Built-Up (BUR)	80%			2038	* *	10	$140,900	
Modified Bitumen	2%			2033	$38,500	10	$3,500	
Single Ply Membrane	18%			2038	* *	10	$31,700	
Soffits								
Fiberglass Panel	100%			2042	* *	5	$6,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,600	
Ceramic Tile	7%	Now	$120,700	2048	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Sheet Vinyl/Rubber	5%			2038	* *	5	$7,600	
Vinyl Tile	60%	Now	$84,400	2028	$1,689,000	3	$22,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	13%	0-2	$467,600	2033	$2,338,000	3	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%			2048	* *	5	$9,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$13,500	
Concrete Masonry Unit	15%	2-4	$189,900	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	45%	0-2	$147,500	LIFE	* *	5	$36,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	35%	Now	$169,500	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$20,400	2038	* *	5	$15,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	20%	0-2	$16,900	2050	* *	5	$10,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Fiber Board	10%			2033	$158,200			
Metal Panel	15%	4+	$25,200	LIFE	* *	5	$19,000	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	30%			LIFE	* *	5-10	$52,300	
Site Enclosure								
Fence/Gates								
Chain Link	95%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	5%			2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$46,800	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Steps								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Rear Steps								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Rear Steps								
Activity Yard								
Asphalt	90%	2-4	$37,600	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Rubber Matting	10%			2033	$49,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2033	$15,800	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 800 Ampere And Two 300 Ampere Main Disconnect Switches								
Fused Disc Sw	35%			2033	$15,800	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere And One 400 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	80%			2041	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	60%			2031	$71,700	5	$300	
Locally Mounted	40%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	89%			2033	$926,200	10	$57,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2033	$104,100	10	$6,400	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Cafeteria								
Incandescent	1%			2028	$19,300	2		
Egress Lighting								
Emergency, Service	5%			2028	$2,200	1		
Emergency, Battery	45%			2033	$52,700	10	$7,600	
Emergency, Battery	45%			2033	$52,700	10	$7,600	
Exit, Service	5%			2028	$1,500	1		
Exterior Lighting								
HID	20%			2028	$65,100	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$26,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$43,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$21,600	
Conversion Equipment								
Steam Boiler	100%			2053	* *	1	$69,100	
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Steam Piping/Pump	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2033	$394,100	1	$13,000	
Convector/Radiator	70%			2038	* *	1	$15,800	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	25%			2033	$191,400	2	$1,100	
Split Unit	5%			2033	$82,900			
Window/Wall Unit	50%	Now	$6,600	2031	$132,200	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, Classroom								
No Component	20%							
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2	$28,400	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,600	
Exhaust Fans								
Interior	30%			2033	$92,900	2	$600	
Roof	70%			2038	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$14,000	4	$2,200	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,800	
Backflow Preventer								
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Water Main								
Explanation : For Sprinkler Only								
Generic	50%			2033	$15,600	1	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	65%							
Generic	35%			2053	* *	1-2	$6,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 4 - M**		
Address	: **500 WEST 160 STREET @ AMSTERDAM AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M004**
Program / Asset #	: **BOE0961.000 / 4467**	**Yr Built/Renovated**	: **1995 /**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,Ph**		
Block	: **2118** **Lot** : **22**	**BIN**	: **1062792**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$64,500
Electrical	$61,000	$75,000
Mechanical		$808,900
Total	**$61,000**	**$948,400**
Importance Code A		$64,500
Importance Code B	$61,000	$883,900
Total	**$61,000**	**$948,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,400			
Interior Architecture	$88,400		$6,600	$2,600
Electrical	$9,200	$16,500	$5,900	$5,600
Mechanical	$71,800	$21,700	$51,400	$12,400
Site Enclosure	$6,100			
Site Pavements	$21,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$210,000**	**$42,100**	**$67,900**	**$24,600**
Importance Code A	$16,300	$7,100	$6,900	$6,900
Importance Code B	$165,700	$35,000	$60,900	$17,700
Importance Code C	$28,000			
Total	**$210,000**	**$42,100**	**$67,900**	**$24,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$64,500	
Stucco Cement	15%			2043	* *	5	$28,500	
Windows								
Aluminum	95%	Now	$9,400	2055	* *	5	$100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 1%								
Location : Gymnasium								
Glass Block	2%			LIFE	* *	5		
Metal Louvers	3%			2039	* *	10		
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$3,200	
Metal Rail	15%			2043	* *	5-10	$12,600	
Pre-Cast Concrete	3%			LIFE	* *	5	$900	
Stucco Cement	12%			2043	* *	5	$1,400	
Roof								
Metal Panel	25%			2043	* *	10	$13,400	
Modified Bitumen	75%			2038	* *	10	$22,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Interior								
Floors								
Carpet	2%	4+	$600	2031	$28,000	3	$2,400	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$17,300	
Ceramic Tile	5%			2039	* *	5	$4,000	
Panel/Paver: Concrete	3%			2056	* *			
Quarry Tile	3%			2047	* *	5	$3,600	
Vinyl Tile	67%			2035	* *	3	$19,900	
Recent Replace Evident, Extent : N/A, Area Affected : 5%								
Location : Auditorium								
Wood	10%	Now	$47,300	2058	* *	5	$7,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Gymnasium								
Deflection Evident, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%			2043	* *	5	$1,100	
Concrete Masonry Unit	46%	Now	$24,700	LIFE	* *	5	$5,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : First Floor Classroom								
Glass Block	2%			LIFE	* *			
Gypsum Board	10%	Now	$800	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, Auditorium								
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	28%			LIFE	* *			
Wood	5%	Now	$2,500	LIFE	* *	5	$5,700	
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Cafeteria								
Split/Cracked, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Ceilings								
AcousTile,Adhered	25%			2043	* *	5	$19,800	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Hallway								
AcousTileConcealSpLn	10%			2043	* *	5	$9,900	
AcousTileSusp.Lay-In	10%			2043	* *	5	$7,900	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%			2035	* *			
Gypsum Board	38%	Now	$10,500	LIFE	* *	5	$37,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 3%								
Location : Throughout								
Recent Replace Evident, Extent : N/A, Area Affected : 1%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			LIFE	* *	5	$2,000	
Loose Units, Extent : Moderate, Area Affected : 1%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2056	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Southeast Fence								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Peeling Paint								
Iron Picket	20%			2074	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2074	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$6,100	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Southeast School Yard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Southeast School Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$8,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	75%			2047	* *			
Pavers/Stone	25%			2043	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	40%	0-2	$1,700	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : West School Yard								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : West School Yard								
Explanation : Area Drains Not Present. Water Ponds Severly At The North End								
Pavers/Stone	40%	Now	$10,600	2039	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Southeast School Yard								
Traffic Topping	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere And 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	90%			2038	* *	5	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	90%			2035	* *	5	$400	
Variable Frequency Drive	5%			2043	* *			
Variable Frequency Drive	5%	Now	$3,600	2050	* *			
Mech. Misoperation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$21,500	
Generators								
Diesel	100%			2039	* *	1	$27,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 251 Kilowatt								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$15,600	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : One 40 Gallons								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallons Shared With Boiler								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$61,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	3%			2035	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : HID Observed								
Incandescent	2%			2030	$38,800	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Downlights Have Incandescent Flood Lamps								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
LED	20%			2030	$75,000			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$8,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank For No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$69,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$39,400	2040	* *	4	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump								
Explanation : Multiple Leaks								
Terminal Devices								
Air Handler	50%			2030	$658,600	1	$21,600	
Convector/Radiator	50%	Now	$5,700	2035	* *	1	$10,200	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor								
Explanation : Leaks Evident								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$83,100			
No Component	95%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$91,100	
Terminal Devices								
Air Handler/Dir Expansion	100%			2030	$67,100	1		
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$10,100	2	$48,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,000	
Exhaust Fans								
Interior	100%			2035	* *	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Triplex Pumps In Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	5%			2028	$1,200	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 80 Gallon Electric Unit Used As Back Up.								
Gas Fired	95%	Now	$300	2028	$16,200	2		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$5,600	2035	* *	4	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Float Controls								
Backflow Preventer								
No Component	50%							
Generic	50%			2030	$15,600	1	$2,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit. Control issues								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$35,300	
Sprinkler								
No Component	90%							
Generic	10%			2050	* *	1-2	$2,000	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 4 - SI**		
Address	: **200 NEDRA LANE @ ARDEN AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R004**
Program / Asset #	: **BOE0901.000 / 1467**	**Yr Built/Renovated**	: **1984 / 2000**
Area Sq Ft	: **133,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **6025** **Lot** : **30**	**BIN**	: **5079499**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$560,600	$1,185,700
Interior Architecture	$686,300	$3,326,100
Electrical		$2,448,600
Mechanical	$3,314,200	$5,064,500
Site Pavements	$98,500	$145,500
Total	**$4,659,600**	**$12,170,300**
Importance Code A	$560,600	$2,637,500
Importance Code B	$3,535,000	$9,532,800
Importance Code C	$564,000	
Total	**$4,659,600**	**$12,170,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,300			
Interior Architecture	$180,700		$35,100	$14,100
Electrical	$42,700	$12,400	$16,500	$14,100
Mechanical	$140,800	$51,300	$54,800	$59,600
Site Enclosure	$39,000			
Site Pavements	$68,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$512,800**	**$67,700**	**$110,300**	**$91,800**
Importance Code A	$50,400	$13,200	$13,200	$13,200
Importance Code B	$314,000	$54,500	$77,200	$78,700
Importance Code C	$148,300		$19,900	
Total	**$512,800**	**$67,700**	**$110,300**	**$91,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	55%	2-4	$80,600	LIFE	* *	5	$47,000	
Horizontal Cracks, Extent : Light, Area Affected : 10%								
Location : Lintel Over Exit 2								
Metal Panel	5%			2043	* *	5-10	$47,000	
Pre-Cast Concrete	40%			LIFE	* *	5	$355,200	
Windows								
Aluminum	100%			2049	* *	5	$24,900	
Parapets								
Metal Panel	10%			2043	* *	5	$3,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$12,400	
No Component	80%							
Roof								
IRMA/Protected Membrane	40%	0-2	$302,400	2033	$1,008,100			
Insul Miss/Displaced, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	60%	Now	$18,600	2038	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Gutters And Drains Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Above Room 313 C								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$42,500	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout Basement								
Ceramic Tile	5%	4+	$11,000	2036	* *	5	$4,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Sheet Vinyl/Rubber	1%			2033	$127,200	5	$2,900	
Terrazzo	1%			LIFE	* *	5	$3,000	
Vinyl Tile	58%	0-2	$155,800	2033	$3,116,200	3	$42,300	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	25%			2041	* *	3	$18,200	
Wood	5%			2061	* *	5	$18,200	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$18,400	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	3%	Now	$48,700	2036	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Ceramic Tile	2%			2046	* *	5	$3,000	
Concrete Masonry Unit	1%	Now	$2,800	LIFE	* *	5	$600	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Elevator Pit								
Folding Partition	10%			2041	* *	5	$36,900	
Plaster	45%	0-2	$80,800	LIFE	* *	5	$19,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	29%	0-2	$384,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	Now	$10,400	LIFE	* *	5	$29,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	28%	0-2	$35,100	2038	* *	5	$27,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
AcousTileSusp.Lay-In	2%	4+	$1,300	2046	* *	5	$1,900	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Library								
Metal Panel	2%	4+	$2,600	LIFE	* *	5	$4,900	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Plaster	55%	Now	$65,100	LIFE	* *	5	$66,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Room 313 C								
Plaster	13%			LIFE	* *	5-10	$43,500	
Site Enclosure								
Fence/Gates								
Chain Link	90%	Now	$39,000	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : South Side								
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Iron Picket	10%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Main Gate								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$14,000	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Steps At Fence, Steps Throughout, Outside Exit 2								

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	90%	2-4	$98,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$15,000	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Main Gate And Kitchen Loading Area								
Activity Yard								
Asphalt	85%	4+	$34,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	15%			2033	$145,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	10%			2033	$5,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Molded Case Bkrs	90%			2033	$292,600	5	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$146,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical And Boiler Room								
Explanation : Switchboards								
Molded Case Bkrs	50%			2053	* *	5	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Switchboards								
Raceway								
Conduit	100%			2033	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	90%			2032	$269,400	5	$3,200	
Wiring								
Thermoplastic	100%			2033	$399,600	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2031	$36,300	5	$200	
Motor Control Center	80%			2031	$581,700	5	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Motor Control Center								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Lighting								
Interior Lighting								
Fluorescent	10%			2028	$198,300	10	$12,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
Fluorescent	71%			2038	* *	10	$86,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2028	$31,500	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Hid Lights								
Incandescent	2%			2028	$73,700	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Mechanical Spaces And Stair Tower								
Explanation : Incandescent Lights								
LED	15%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st And 3rd Floor								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	$111,600	10	$16,100	
Exit, Service	50%			2041	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Exterior Lighting								
LED	10%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$49,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Explanation : CCTV								

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$82,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$41,200	
Conversion Equipment								
Steam Boiler	100%			2031	$1,159,300	1	$131,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	4+	$106,500	2043	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2028	$500,600	1	$16,500	
Convector/Radiator	65%			2031	$706,900	1	$27,900	
Fan Coil Unit/Heat	15%			2028	$494,600	1	$6,400	
Controls								
Pneumatic	100%			2027	$2,570,400			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	Now	$392,400	2043	* *	1	$11,100	
Broken, Extent : Severe, Area Affected : 75%								
Location : Penthouse, 3 Of 4 Compressors Broken								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Fan Room, 2 Units								
Window/Wall Unit	60%			2028	$302,300	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2033	$34,400	4	$2,000	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2028	$206,500	1	$8,200	
Fan Coil - 4 Pipe	10%			2028	$404,700	1	$4,300	
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	20%	0-2	$6,200	2028	$61,600	2	$14,800	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Roof								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$117,400	
Exhaust Fans								
Interior	70%			2028	$412,900	2	$2,900	
Roof	30%	0-2	$23,200	2033	$77,400	2	$1,000	
Obsolete Equipment, Extent : Moderate, Area Affected : 70%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	90%			2031	$85,100	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 80 Gallons Each, Hybrid Type. Quantity 3								
Electric	10%			2028	$9,500	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Unit For Kitchen Only. 30 Gallons. Quantity 1								
HW Heat Exchanger								
Steam Fired	100%			2033	$643,100	4	$19,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Sump Pump(s)								
Non-Submersible	100%			2033	$26,600	4	$4,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$67,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$3,700	
Chemical System								
Generic	100%			2026	$244,800	1-3	$242,700	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 15 Feet Long, 60 Square Feet							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 5 - BK**
Address : **820 HANCOCK STREET @RALPH AVE.**
Borough : **BROOKLYN**
Agency's Number : **K005**
Program / Asset # : **BOE0344.000 / 332**
Yr Built/Renovated : **1966 / 2011**
Area Sq Ft : **90,000**
Project Type : **EDUCATION**
Date of Survey : **17-Mar-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1490** **Lot** : **1** **BIN** : **3039906**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$100,400	$352,900
Interior Architecture	$22,364,700	
Electrical	$355,600	$826,300
Mechanical	$895,200	$2,461,800
Site Pavements	$63,600	
Total	**$23,779,500**	**$3,641,000**
Importance Code A	$571,100	$352,900
Importance Code B	$22,943,600	$3,288,100
Importance Code C	$264,900	
Total	**$23,779,500**	**$3,641,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,800	$22,700		$20,200
Interior Architecture	$102,200			$28,200
Electrical	$47,100	$2,000	$2,800	$47,100
Mechanical	$60,000	$12,300	$19,900	$46,200
Site Enclosure	$9,500			
Site Pavements	$14,400			
Total	**$259,000**	**$37,000**	**$22,700**	**$141,600**
Importance Code A	$25,800	$31,600	$8,900	$29,300
Importance Code B	$167,800	$5,400	$13,800	$112,300
Importance Code C	$65,500			
Total	**$259,000**	**$37,000**	**$22,700**	**$141,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$15,400	
Masonry: Brick Cavity	88%			LIFE	* *	5	$135,900	
Metal Panel	5%			2052	* *	5-10	$53,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$25,100	
Windows								
Aluminum	60%	Now	$64,200	2048	* *	5	$13,500	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Handles For Operation For Most Windows								
Hardware Missing, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Aluminum	30%	Now	$14,800	2048	* *	5	$6,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 50%								
Location : Handles To Operate Windows								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Aluminum	5%	Now	$21,400	2048	* *	5	$1,100	
Glazing Clouded, Extent : Moderate, Area Affected : 100%								
Location : Fixed Windows In Stairwell. Lexan Panes								
Metal Louvers	5%			2035	* *	10	$14,000	
Parapets								
Masonry: Brick Cavity	9%	4+	$3,700	LIFE	* *	5	$1,900	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Interiror And Exterior Parapet Walls								
Masonry: Brick Cavity	76%			LIFE	* *	5	$15,700	
Metal Rail	3%			2045	* *	5-10	$11,200	
Metal: Cage/Fence	2%			2045	* *	5-10	$3,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$13,000	
Roof								
Built-Up (BUR)	30%			2032	$217,100	10	$18,600	
Metal Panel	5%			2037	* *	10	$5,700	
Modified Bitumen	65%	0-2	$22,000	2037	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : At Roof Drains								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$13,700	LIFE	* *	5	$17,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room. Basement								
Mosaic Tile	5%	Now	$151,200	2052	* *	5	$10,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Bathrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Kitchen And Bathrooms								
Vinyl Tile	15%	Now	$13,400	2040	* *	3	$9,100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Stairs C And D								
Vinyl Tile 9" X 9"	75%	Now	$426,600	2027	$21,328,900	3	$45,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Classrooms And Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Various Locations In Classrooms And Corridors								
Interior Walls								
Ceramic Tile	5%	Now	$144,000	2035	* *	5	$4,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Bathrooms								
Concrete Masonry Unit	15%	Now	$49,200	LIFE	* *	5	$10,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Window Heads Of Corridor Adjacent To Gymnasium, Cafeteria, Auditorium								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Steel Pockets. Auditorium Ceiling								
Folding Partition	5%	Now	$120,800	2040	* *	5	$10,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Upper Track								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria To Gymnasium Partition								
Plaster	50%			LIFE	* *	5	$26,200	
SGFT/Glazed Masonry	25%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	0-2	$25,900	2037	* *	5	$20,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 425								
AcousTileConcealSpLn	10%			2037	* *	5	$20,100	
Exposed Struc: Concrete	40%	0-2	$193,200	LIFE	* *	5	$10,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$10,100	
Plaster	15%			LIFE	* *	5	$15,100	
Site Enclosure								
Fence/Gates								
Chain Link	55%	Now	$9,500	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Parking And Play Area								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : At Entry To Parking Area								
Iron Picket	45%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$63,600	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations On Ralph Avenue And Halsey Street								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Proximate To East Entry Doors On Hancock Street								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Asphalt	100%	Now	$6,700	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Area And Entry Apron								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Driveway								
Activity Yard								
Rubber Matting	20%			2032	$23,200			
Traffic Topping	80%	Now	$7,700	2032	$38,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Track Area								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Track Area								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	5%			2048	* *	5	$100	
Molded Case Bkrs	85%			2031	$203,600	5	$2,000	
Wiring								
Braided Cloth	95%	2-4	$277,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	92%			2037	* *	10	$75,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2037	* *	10	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And Fan Rooms								
Explanation : Compact Fluorescent Lights								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$10,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2032	$84,000	10	$100	
LED	10%			2037	* *			
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$33,800	1	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$46,400	2042	* *	1-3	$10,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$209,300	5	$27,900	
Conversion Equipment								
Steam Boiler	100%	Now	$470,700	2052	* *	1	$80,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Badly From Both Burners, Basement Boiler Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Obsolete Units								
Distribution								
Steam Piping/Pump	70%	0-2	$10,100	2032	$504,500			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Pneumatic Control System, Various Locations. And Steam Leaks In Cross Bay.								
Steam Piping/Pump	30%			2032	$216,200			
Terminal Devices								
Air Handler	15%			2027	$254,000	1	$8,400	
Convector/Radiator	21%	Now	$3,100	2030	$154,600	1	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor, Staircase A, B, C, D. 3rd Floor Classroom.								
Convector/Radiator	64%			2030	$471,000	1	$18,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%	0-2	$20,500	2027	$102,300	1		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Various								
Window/Wall Unit	20%			2027	$68,200	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,200	
Exhaust Fans								
Interior	70%			2032	$279,400	2	$1,900	
Roof	30%	Now	$5,200	2032	$52,400	2	$700	
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%	0-2	$11,500	2030	$574,500	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	15%	Now	$3,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Cross Bay Area								
Cast Iron	85%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$2,800	2027	$2,800	4	$1,900	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$37,300	1-2	$800	
Chemical System								
No Component	99%							
Generic	1%	Now	$300	2032	$800	1-3	$700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, On Extended Life Time.								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 5 - SI**
Address : **348 DEISIUS ST AT KINGDOM AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0902.000 / 1468**
Area Sq Ft : **34,500**
Date of Survey : **15-Jun-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **6566** **Lot** : **1**

Agency's Number : **R005**
Yr Built/Renovated : **1930 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5082407**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$70,900	$235,800
Interior Architecture	$935,300	
Electrical	$57,900	$309,000
Mechanical	$91,500	$553,200
Total	**$1,155,600**	**$1,098,100**
Importance Code A	$70,900	$235,800
Importance Code B	$1,084,700	$862,200
Total	**$1,155,600**	**$1,098,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$35,200		$4,700	
Interior Architecture	$6,900		$24,000	$3,000
Electrical	$8,000	$1,000	$97,700	$800
Mechanical	$11,800	$5,200	$6,100	$5,900
Site Enclosure	$26,900			
Site Pavements	$10,400			
Total	**$99,200**	**$6,300**	**$132,600**	**$9,700**
Importance Code A	$39,300	$3,400	$8,100	$3,400
Importance Code B	$32,300	$2,800	$124,400	$6,300
Importance Code C	$27,600			
Total	**$99,200**	**$6,300**	**$132,600**	**$9,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$12,600	
Masonry: Brick	80%	0-2	$70,900	LIFE	* *	5	$43,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Chimney Stack								
Painted Surfaces, Extent : Light, Area Affected : 5%								
Location : Southwest Stair Elevation								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Chimney Stack								
Masonry: Limestone	15%			LIFE	* *	5	$6,100	
Windows								
Aluminum	100%	Now	$11,600	2047	* *	5	$6,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$2,600	
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : Inner Parapet Face At Main Roof								
Masonry: Limestone	10%			LIFE	* *	5	$400	
Metal: Cage/Fence	10%			2036	* *	5-10	$2,600	
Roof								
Built-Up (BUR)	80%	Now	$23,600	2031	$235,800			
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Main Roof And Breezeway								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Southeast Corner And Breezeway								
Copper/Terne	5%			2046	* *	10	$3,200	
Modified Bitumen	10%			2031	$27,600	10	$2,500	
Single Ply Membrane	5%			2031	$25,900	10	$1,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,800	
Ceramic Tile	2%			2034	* *	5	$1,100	
Terrazzo	3%			LIFE	* *	5	$1,200	
Vinyl Tile	45%			2036	* *	3	$11,900	
Vinyl Tile 9" X 9"	10%			2026	$935,300	3	$2,000	
Wood	35%			2046	* *	5	$34,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2034	* *	5	$1,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,000	
Gypsum Board	15%			LIFE	* *	5	$4,400	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$8,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2036	* *	5	$6,600	
AcousTileSusp.Lay-In	15%	Now	$2,600	2036	* *	5	$4,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Breezeway								
AcousTileSusp.Lay-In	10%			2036	* *	5	$5,300	
Exposed Struc: Concrete	15%			LIFE	* *	5	$1,200	
Plaster	50%			LIFE	* *	5	$16,600	
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$16,000	2041	* *			
Other Observation, Extent : Light, Area Affected : 35%								
Location : South Field Area								
Explanation : Vegetation Growth								
Iron Picket	20%	Now	$10,900	2051	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$10,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stecher Street Sidewalk								
On-Site Walkways								
Cast in Place Concrete	95%			2036	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	35%			2034	* *			
Rubber Matting	5%			2031	$34,500			
No Component	60%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : South Field Area								
Explanation : This Is A Natural Grass Field								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2031	$13,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere And One 200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2031	$2,300	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	30%	Now	$700	2031	$6,800	5		
Enclosure Corroded, Extent : Severe, Area Affected : 100%								
Location : Side Yard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : Two 200 Ampere Main Switches Serve The Addition								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$130,000	5	$100	
Raceway								
Conduit	95%			2031	$58,200	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$10,000	5	$100	
Fused Knife Sw	2%	2-4	$2,000	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Molded Case Bkrs	78%			2030	$77,800	5	$700	
Molded Case Bkrs	10%			2047	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$57,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2031	$15,400	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2029	$43,000	5	$100	
Locally Mounted	40%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Water Main								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$31,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2026	$29,000	10	$4,200	
Exit, Service	50%	4+	$4,500	2041	* *	1		
Damaged Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exterior Lighting								
HID	20%			2026	$32,200	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Photocell And Timer								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$13,000	1	$2,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$4,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : No.2 Fuel Oil - One 5,000 Gallon Tank In Basement								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$34,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	40%			2031	$259,700	1	$8,500	
Convector/Radiator	40%			2036	* *	1	$4,500	
Fan Coil Unit/Heat	20%			2031	$171,100	1	$2,200	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2036	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Rooftop Units Located On Annex Building								
Split Unit	5%			2031	$41,000			
Window/Wall Unit	70%			2026	$91,500	1		
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$7,700	
No Component	60%							
Exhaust Fans								
Interior	80%			2031	$122,400	2	$800	
Roof	20%			2031	$13,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2041	* *	1		
Galvanized Steel	60%	0-2	$5,300	2036	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : 1 Of 2 Water Mains Corroded In Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$1,100	4	$1,100	
Sewage Ejector(s)								
Electric	100%			2031	$18,100	4	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2051	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 6 - M**
Address : **45 EAST 81 STREET @MADISON AVENUE**
Borough : **MANHATTAN**
Program / Asset # : **BOE0004.000 / 459**
Area Sq Ft : **76,000**
Date of Survey : **12-Mar-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1493** **Lot** : **21**
Agency's Number : **M006**
Yr Built/Renovated : **1953 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **1046668**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$164,300	$1,820,300
Interior Architecture	$241,500	
Electrical	$217,000	$185,000
Mechanical	$1,077,900	$536,700
Site Pavements		$98,800
Total	**$1,700,700**	**$2,640,900**
Importance Code A	$164,300	$1,820,300
Importance Code B	$1,345,500	$820,600
Importance Code C	$190,900	
Total	**$1,700,700**	**$2,640,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,800		$18,100	$17,800
Interior Architecture	$17,100	$21,500	$6,600	$18,600
Electrical	$1,800	$2,500	$1,900	$38,600
Mechanical	$49,300	$6,100	$16,300	$5,800
Site Pavements	$16,400			
Total	**$93,400**	**$30,200**	**$42,900**	**$80,800**
Importance Code A	$9,000	$200	$20,400	$18,100
Importance Code B	$84,500	$30,000	$18,700	$62,700
Importance Code C			$3,800	
Total	**$93,400**	**$30,200**	**$42,900**	**$80,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	4+	$164,300	LIFE	* *	5	$94,300	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : North And West Facades								
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Granite Panels	5%			LIFE	* *	5	$3,900	
Windows								
Aluminum	100%			2031	$1,726,000	5	$36,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,000	
Masonry: Brick Cavity	85%			LIFE	* *	5	$9,900	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Roof								
Built-Up (BUR)	10%	Now	$2,600	2037	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof On West Side								
Cast in Place Concrete	25%			LIFE	* *			
Copper/Terne	5%			2060	* *	10	$5,600	
IRMA/Protected Membrane	40%			2037	* *	10	$17,800	
Paver: Asphalt	20%	0-2	$6,200	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rooftop Play Area								
Interior								
Floors								
Carpet	5%			2031	$101,300	3	$8,600	
Cast in Place Concrete	5%			LIFE	* *	5	$12,500	
Ceramic Tile	5%			2041	* *	5	$5,700	
Terrazzo	5%			LIFE	* *	5	$4,500	
Vinyl Tile	70%			2037	* *	3	$30,100	
Vinyl Tile 9" X 9"	5%	Now	$50,600	2042	* *	3	$2,100	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Stair Landing And Room 137								
Wood	5%	4+	$17,100	2047	* *	5	$5,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Stage, Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$7,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Plaster	60%	Now	$109,800	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 301 And 201, Stair E								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 201								
SGFT/Glazed Masonry	30%	Now	$81,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Ceilings								
AcousTileConcealSpLn	25%			2037	* *	5	$35,800	
AcousTileSusp.Lay-In	15%			2045	* *	5	$17,200	
Exposed Struc: Concrete	50%			LIFE	* *	5	$9,000	
Plaster	10%			LIFE	* *	5	$7,200	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2052	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Roof								
Explanation : Roof To Fencing								
Iron Picket	80%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2045	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Rubber Matting	20%			2032	$98,800			
Traffic Topping	80%	Now	$16,400	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	70%			2032	$101,200	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	2%			2048	* *	5		
Fused Disc Sw	8%			2031	$14,400	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	20%			2030	$23,900	5	$100	
Locally Mounted	80%			2045	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	4%			2040	* *	10	$2,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Room 4th Floor And Basement								
Fluorescent	82%			2040	* *	10	$57,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2037	* *	10	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Hallway								
Explanation : T-8 Lamps								
LED	4%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	45%			2040	* *	10	$8,300	
Emergency, Battery	5%			2027	$6,400	10	$900	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	20%			2027	$70,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$28,500	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Smoke Detector, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	95%			2042	* *	1		
Other Observation, Extent : Severe, Area Affected : 95%								
Location : Basement								
Explanation : Steam From Con Edison								
Natural Gas	5%			2042	* *	1		
Conversion Equipment								
Furnace	5%			2037	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Green House On Roof								
Explanation : 2 Gas Fired Units								
Pres. Reducing Valve/LP Steam	95%			2041	* *	5	$4,300	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement								
Explanation : 2 Abandoned Steam Boilers Remain In Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$182,600	2042	* *			
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement. Condesate Return Piping, Steam Traps And Steam Riser Piping Leaking Profusely								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2032	$286,000	1	$9,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : 4th Floor Fan Room								
Explanation : Air Handler								
Air Handler	30%			2027	$429,100	1	$14,100	
Convector/Radiator	50%			2037	* *	1	$12,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2027	$230,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	30%			2032	$101,100	2	$700	
Interior	70%			2027	$235,900	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	90%	Now	$17,600	2042	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor. Domestic Water Line Leaking								
Galvanized Steel	10%	Now	$1,900	2030	$97,000	1		
Leak Evident, Extent : Severe, Area Affected : 3%								
Location : At Entrance Of Boiler Room								
Water Heater With Tanks								
Electric	5%			2027	$1,200	4		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Greenhouse								
Explanation : 1 Unit								
No Component	95%							
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$7,500	
Sanitary Piping								
Cast Iron	100%	0-2	$19,100	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$5,400	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2032	$15,200	4	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$4,500	
Backflow Preventer								
Generic	100%			2037	* *	1	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$52,600	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 7 - M**
Address : **160 EAST 120 STREET @LEXINGTON AVENUE**
Borough : **MANHATTAN**
Agency's Number : **M007**
Program / Asset # : **BOE0005.000 / 460**
Yr Built/Renovated : **1959 / 2000**
Area Sq Ft : **85,000**
Project Type : **EDUCATION**
Date of Survey : **01-Apr-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1768** **Lot** : **21** **BIN** : **1083501**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,373,600	$1,360,800
Interior Architecture	$21,193,900	$160,900
Electrical	$664,300	$596,400
Mechanical	$737,200	$763,100
Site Enclosure	$268,700	
Site Pavements	$238,400	
Total	**$25,476,200**	**$2,881,300**
Importance Code A	$2,373,600	$1,360,800
Importance Code B	$22,833,800	$1,520,400
Importance Code C	$268,700	
Total	**$25,476,200**	**$2,881,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,400	$5,100		
Interior Architecture	$125,300	$32,700		$14,200
Electrical	$1,600	$2,000	$2,900	$47,100
Mechanical	$63,600	$14,600	$18,900	$12,000
Site Pavements	$45,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$257,700**	**$62,400**	**$29,600**	**$81,200**
Importance Code A	$22,800	$13,500	$8,400	$8,600
Importance Code B	$140,800	$44,500	$21,200	$72,600
Importance Code C	$94,200	$4,400		
Total	**$257,700**	**$62,400**	**$29,600**	**$81,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	4%			2052	* *	10	$2,500	
Masonry: Brick Cavity	35%	Now	$120,900	LIFE	* *	5	$69,400	
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Facades								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 15%								
Location : Gymnasium Facades								
Metal/Glass Curt Wall	56%	Now	$1,871,200	LIFE	* *	5	$208,200	
Caulking Deteriorated, Extent : Severe, Area Affected : 30%								
Location : 2nd Through 4th Floor Mullions								
Pre-Cast Concrete	5%	2-4	$14,400	LIFE	* *	5	$32,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : East 120th Street Facade								
Windows								
Aluminum	98%	0-2	$381,500	2048	* *	5	$20,000	
Air Infiltration, Extent : Moderate, Area Affected : 15%								
Location : Stairwell C Windows								
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Protective Metal Grilles And Window Lintels								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : 2nd Through 4th Floor Connecting Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Stairwell C Windows								
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Windows								
Metal Louvers	2%			2035	* *	10	$5,100	
Roof								
Built-Up (BUR)	90%			2032	$910,500	10	$78,000	
Modified Bitumen	10%			2032	$94,700	10	$8,700	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$35,100	LIFE	* *	5	$45,100	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Delivery Corridors. Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Pit And Electrical Room								
Ceramic Tile	5%			2035	* *	5	$10,300	
Terrazzo	5%			LIFE	* *	5	$8,100	
Vinyl Tile	15%			2037	* *	3	$11,600	
Vinyl Tile 9" X 9"	55%	Now	$400,700	2027	$20,032,600	3	$42,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Classrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Classrooms								
Wood	10%			2060	* *	5	$38,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$8,700	
Concrete Masonry Unit	15%	Now	$49,200	LIFE	* *	5	$10,500	
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : North Wall Of Gymnasium. Below Girder								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stair C Bulkhead								
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$28,800	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	18%	Now	$358,600	2052	* *	5	$23,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Basement Corridors, 1st Floor Lobby And Cafeteria								
Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
Location : Basement Corridors, 1st Floor Lobby And Cafeteria								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%								
Location : Basement Corridors, 1st Floor Lobby And Cafeteria								
Exposed Struc: Concrete	65%	Now	$402,000	LIFE	* *	5	$21,000	
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2032	$160,900			
Gypsum Board	5%			LIFE	* *	5	$12,900	
Metal Panel	2%	Now	$41,000	LIFE	* *	5	$5,200	
Bent/Warped Elements, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$268,700	2062	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Perimeter Of Building, Play Area Fencing								
Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Play Area								
Iron Picket	10%			2067	* *			
Metal: Cage/Fence	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Perimeter								
Explanation : Guard Railing								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$238,400	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Lexington Avenue								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	75%	Now	$7,800	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Various								
Masonry: Granite	25%	Now	$23,600	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Steps At Exit 6, Steps On Lexington Avenue								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Exit A								
Explanation : Loose Stair Railing Due To Broken Step								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$13,600	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : East 120th Street Entrance								
Activity Yard								
Asphalt	75%			2041	* *			
Cast in Place Concrete	20%			2045	* *			
Rubber Matting	5%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Disconnect Switches Rated At 800 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	50%			2042	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Vertical Section								
Molded Case Bkrs	50%			2032	$113,800	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	85%			2032	$171,500	1		
Conduit	15%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	85%			2031	$203,600	5	$1,900	
Molded Case Bkrs	10%			2040	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	85%	2-4	$248,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2042	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$107,500	5	$500	
Locally Mounted	10%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	80%			2037	* *	10	$62,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	15%			2027	$190,100	10	$11,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2037	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2027	$71,300	10	$10,300	
Exit, Service	50%			2027	$18,300	1		
Exterior Lighting								
HID	20%			2027	$79,300	10	$100	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Exterior								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$16,000	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System								
Generic	10%			2027	$16,000	1	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Thoughout The Building								
Explanation : Intrusion System								

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2032	$43,900	1-3	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Manual Pull Station, Alarm Bells, Smoke Detector, Horns And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2058	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$84,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$478,000	2042	* *	4	$4,200	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout. Replacement Is Needed								
Terminal Devices								
Air Handler	20%	0-2	$16,000	2032	$319,900	1	$9,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Auditorium Blower Leaking Air At Duct Joint								
Convector/Radiator	80%	Now	$11,100	2037	* *	1	$19,800	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Various Locations. 10 Percent Are Leaking								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2027	$193,200	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : Installation In Progress								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%			2032	$226,200	2	$1,600	
Roof	40%			2027	$66,000	2	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : The Rooftop Exhaust Fans Are At Or Are Approaching Their Useful Life Cycle Limit								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$217,000	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$21,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Waste Piping At Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$6,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement. Drain Blocked And Water Backing Up At Basement During Heavy Rainfall								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,700	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From 1st To 4th Floor, 1 Unit From Basement To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$2,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 7 - Q**		
Address	: **80-55 CORNISH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q007**
Program / Asset #	: **BOE0989.000 / 4472**	**Yr Built/Renovated**	: **1994 / 2010**
Area Sq Ft	: **125,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1538** **Lot** : **75**	**BIN**	: **4467710**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$225,100	$150,000
Interior Architecture	$58,100	$101,200
Electrical	$87,500	$2,304,300
Mechanical		$5,608,800
Total	**$370,800**	**$8,164,200**
Importance Code A	$225,100	$150,000
Importance Code B	$145,600	$8,014,200
Total	**$370,800**	**$8,164,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$4,000		$4,000	$13,200
Electrical	$10,100	$17,300	$10,100	$10,100
Mechanical	$161,700	$51,000	$64,300	$34,600
Site Pavements	$39,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$223,200**	**$76,200**	**$86,300**	**$65,800**
Importance Code A	$12,400	$12,600	$12,400	$12,400
Importance Code B	$210,800	$63,600	$74,000	$53,400
Importance Code C				
Total	**$223,200**	**$76,200**	**$86,300**	**$65,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	3%			LIFE	* *	5	$2,200	
Masonry: Brick Cavity	80%			LIFE	* *	5	$93,200	
Metal Coiling Doors	2%			2043	* *	5	$7,300	
Pre-Cast Concrete	15%	4+	$63,400	LIFE	* *	5	$56,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : All Facades								
Windows								
Aluminum	98%	Now	$161,800	2046	* *	5	$8,500	
Air Infiltration, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Louvers	2%			2039	* *	10	$2,200	
Parapets								
Concrete Masonry Unit	30%			LIFE	* *	5	$4,900	
Masonry: Brick Cavity	35%			LIFE	* *	5	$5,100	
Metal Rail	5%			2043	* *	5-10	$13,200	
Pre-Cast Concrete	30%			LIFE	* *	5	$27,500	
Roof								
Metal Panel	5%			2043	* *	10	$12,200	
Modified Bitumen	35%			2038	* *	10	$46,800	
Slate	60%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Slate Roofs								
Explanation : This Material Is Actually Synthetic Slate Roofing								
Soffits								
Stucco Cement	100%			2043	* *	5	$2,300	
Interior								
Floors								
Carpet	5%			2029	$143,200	3	$12,100	
Cast in Place Concrete	10%			LIFE	* *	5	$35,400	
Ceramic Tile	5%			2039	* *	5	$8,100	
Quarry Tile	5%			2043	* *	5	$12,100	
Vinyl Tile	65%	4+	$58,100	2035	* *	3	$39,500	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : 1st And 2nd Floors								
Wood	10%			2058	* *	5	$30,400	
Interior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$33,800	
Gypsum Board	5%			LIFE	* *	5	$3,900	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	50%			2043	* *	5	$101,200	
Exposed Struc: Concrete	30%			LIFE	* *	5	$7,600	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$20,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$39,500	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cornish Avenue And Barnwell Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Cornish Avenue And Barnwell Avenue								
On-Site Walkways								
Cast in Place Concrete	45%			2043	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	50%			2039	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	60%			2039	* *			
Pavers/Stone	10%			2039	* *			
Rubber Matting	30%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 3,000 Amperes Each.								
Transformers								
Dry Type	100%			2035	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,000 Kilovolt-ampere 480/277/208 Volts, One 150 Kilovolt-ampere 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2038	* *	5	$400	
Molded Case Bkrs	85%			2038	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	5%			2035	* *	5		
Motor Control Center	95%			2035	* *	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$38,500	
Generators								
Diesel	100%			2033	$138,700	1	$48,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,600	
Fuel Storage								
Day Tank	10%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 30 Gallons Rated Capacity								
Main Tank	90%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$1,826,100	10	$112,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2030	$69,300	2	$100	
Egress Lighting								
Emergency, Service	50%			2030	$38,500	1		
Exit, Service	50%			2030	$26,900	1		
Exterior Lighting								
HID	15%			2030	$87,500	10	$100	
HID	15%	Now	$87,500	2040	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Not Functional								
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$70,400	1	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter And Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$123,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$20,000	2050	* *			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pumps								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pumps And Building Management System, Various Locations								
Terminal Devices								
Air Handler	25%	0-2	$11,800	2030	$588,100	1	$17,400	
Not Energy Efficient, Extent : Moderate, Area Affected : 80%								
Location : Penthouse								
Air Handler	35%			2030	$823,300	1	$27,100	
Convector/Radiator	30%	0-2	$6,100	2035	* *	1	$10,900	
Leak Evident, Extent : Moderate, Area Affected : 70%								
Location : Various Locations								
Fan Coil Unit/Heat	10%	0-2	$6,200	2030	$309,900	1	$3,600	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	80%	0-2	$29,500	2030	$1,475,300	1	$41,700	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roofs								
Explanation : 7 Units, R-410a Refrigerant								
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2030	$1,552,300	1	$61,800	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	80%			2030	$231,600	2	$69,600	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%	0-2	$43,900	LIFE	* *	2-5	$27,900	
Unbalanced System, Extent : Severe, Area Affected : 50%								
Location : Various Locations								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	80%			2030	$443,500	2	$3,100	
Roof	20%			2030	$48,500	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,500	2030	$25,000	4	$2,600	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2030	$65,400	4	$5,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Vertical Transport								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : One Defective Unit From Basement To 4th Floor, One Unit From 1st To 2nd Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$63,000	
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$7,000	
Fire Pump								
Generic	100%			2033	$119,300	1	$23,300	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 8 - BK**
Address : **37 HICKS STREET BTWN: POPLAR ST., MIDDAGH ST.**
Borough : **BROOKLYN**
Agency's Number : **K008**
Program / Asset # : **BOE0345.000 / 333**
Yr Built/Renovated : **1907 / 2014**
Area Sq Ft : **66,628**
Project Type : **EDUCATION**
Date of Survey : **03-Mar-2022**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **211** **Lot** : **1**
BIN : **3001540**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$123,800	$71,100
Interior Architecture	$613,000	$1,508,600
Electrical		$529,700
Mechanical		$1,082,500
Site Enclosure	$67,600	
Total	**$804,300**	**$3,191,900**
Importance Code A	$123,800	$71,100
Importance Code B	$273,300	$3,120,800
Importance Code C	$407,300	
Total	**$804,300**	**$3,191,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$98,500		$10,200	
Interior Architecture	$170,500		$8,700	$8,700
Electrical	$7,500	$6,200	$7,700	$6,900
Mechanical	$30,500	$27,700	$21,700	$18,000
Site Enclosure	$20,700			
Site Pavements	$700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$336,300**	**$41,800**	**$56,200**	**$41,500**
Importance Code A	$104,500	$5,600	$15,800	$5,600
Importance Code B	$167,500	$36,200	$40,400	$35,900
Importance Code C	$64,300			
Total	**$336,300**	**$41,800**	**$56,200**	**$41,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$69,400	
Masonry: Brick	80%			LIFE	* *	5	$142,200	
Masonry: Limestone	10%	0-2	$38,300	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Stucco Cement	5%			2046	* *	5	$11,100	
Windows								
Aluminum	100%	Now	$22,500	2049	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Room 207								
Glazing Broken/Cracked, Extent : Light, Area Affected : 5%								
Location : Gymnasium And 214								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$61,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,000	
Roof								
IRMA/Protected Membrane	25%			2038	* *	10	$12,600	
Metal Panel	5%			2046	* *	10	$4,600	
Modified Bitumen	70%			2038	* *	10	$35,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Carpet	5%			2029	$96,600	3	$10,000	
Cast in Place Concrete	10%			LIFE	* *	5	$43,600	
Ceramic Tile	5%	0-2	$30,800	2042	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Quarry Tile	5%			2046	* *	5	$7,500	
Vinyl Tile	50%	Now	$75,400	2033	$1,508,600	3	$18,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Room 102								
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Basement And 3rd Floor Corridors								
Wood	20%	0-2	$130,300	2048	* *	5	$18,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms And Gymnasium								
Wood	5%			2068	* *	5	$9,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Multipurpose Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$29,200	
Ceramic Tile	10%	0-2	$70,300	2042	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$60,000	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	15%			LIFE	* *	5-10	$29,700	
Masonry: Brick	10%	0-2	$121,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Plaster	50%	Now	$155,400	LIFE	* *	5	$17,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$10,000	
Gypsum Board	5%			LIFE	* *	5-10	$17,100	
Masonry: Infill Arch	20%			LIFE	* *	10	$10,000	
Metal Panel	5%			LIFE	* *	5	$12,500	
Plaster	60%	Now	$39,900	LIFE	* *	5	$37,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkhead								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$15,200	2068	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Front Gate Hinge								
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	21%	Now	$67,600	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair Retaining Wall								
Masonry: Fieldstone	74%			2043	* *			
Masonry: Fieldstone	5%	Now	$5,600	2053	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Front Stair Flank Wall And Rear Play Yard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Stair Flank Wall								
Explanation : Stairs Walls Are Limestone								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	40%			2042	* *			
Cast in Place Concrete	60%	0-2	$700	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	75%			2042	* *			
Rubber Matting	25%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	30%			2053	* *	1		
Conduit	70%			2033	$110,900	1		
Panelboards								
Fused Disc Sw	10%			2032	$19,700	5	$200	
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	65%			2032	$127,900	5	$1,100	
Molded Case Bkrs	20%			2049	* *	5	$400	
Wiring								
Thermoplastic	70%			2033	$153,000	1		
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	90%			2046	* *	5	$400	
Locally Mounted	9%			2031	$11,800	5		
Variable Frequency Drive	1%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps. Installed 2014.								
Fluorescent	5%			2038	* *	10	$3,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Corridors								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : LED Lighting.								
Egress Lighting								
Emergency, Service	35%			2038	* *	1		
Emergency, Battery	15%			2038	* *	10	$2,400	
Exit, Battery	50%			2038	* *	10	$2,200	
Exterior Lighting								
HID	20%			2028	$68,100	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$500	
Alarm								
Security System								
Generic	100%			2038	* *	1	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System.								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$41,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns, Strobes, Area Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%	0-2	$1,400	2038	* *	1	$8,900	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : To Room 320								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Rooftop Units								
Steam Boiler	70%			2038	* *	1	$46,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Natural Gasoline Steam Boilers								
Distribution								
Steam Piping/Pump	20%			2053	* *			
Steam Piping/Pump	50%			2033	$292,200			
No Component	30%							
Terminal Devices								
Convector/Radiator	50%			2031	$298,400	1	$10,800	
Convector/Radiator	20%			2046	* *	1	$4,300	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	15%			2038	* *	2	$600	
Ext Pkg Unit - Heating/Cooling	40%			2038	* *	2	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units, R-407c Refrigerant								
Window/Wall Unit	35%			2028	$96,800	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	55%			LIFE	* *	2-5	$32,400	
No Component	45%							
Exhaust Fans								
Roof	55%			2038	* *	2	$1,100	
No Component	45%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$186,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$74,800	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tankless Unit With One 300 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2053	* *	1-2	$7,500	
Fire Pump								
Generic	100%			2042	* *	1	$12,400	
Chemical System								
Generic	100%			2031	$134,100	1-3	$111,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 30 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 8 - SI**		
Address	: **100 LINDENWOOD ROAD @ SCHOOL STREET**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R008**
Program / Asset #	: **BOE0904.000 / 2627**	**Yr Built/Renovated**	: **1918 / 2011**
Area Sq Ft	: **60,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5221** **Lot** : **1**	**BIN**	: **5066295**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$229,300
Interior Architecture	$1,074,400	
Electrical	$298,400	$205,800
Mechanical	$497,800	$630,700
Total	**$1,870,600**	**$1,065,900**
Importance Code A		$229,300
Importance Code B	$1,870,600	$836,500
Total	**$1,870,600**	**$1,065,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,100		$1,900	$6,100
Interior Architecture	$141,200		$6,100	$4,300
Electrical	$6,700	$1,000	$21,100	$1,400
Mechanical	$18,400	$9,200	$30,500	$9,800
Site Enclosure	$12,600			
Site Pavements	$5,500			
Total	**$204,400**	**$10,200**	**$59,600**	**$21,600**
Importance Code A	$26,000	$5,900	$8,000	$12,000
Importance Code B	$50,300	$4,300	$51,600	$9,600
Importance Code C	$128,100			
Total	**$204,400**	**$10,200**	**$59,600**	**$21,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$44,800	
Masonry: Brick	85%			LIFE	* *	5	$48,700	
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Windows								
Aluminum	100%			2047	* *	5	$12,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,200	
Masonry: Brick	85%	0-2	$20,100	LIFE	* *	5	$7,900	
Miss/Damaged Flashings, Extent : Light, Area Affected : 2%								
Location : Main Roof								
Masonry: Limestone	5%			LIFE	* *	5	$600	
Roof								
Built-Up (BUR)	95%			2031	$229,300	10	$19,600	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Metal Panel	5%			2036	* *	10	$1,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,200	
Ceramic Tile	5%	Now	$8,000	2034	* *	5	$1,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Marble Panels	5%			LIFE	* *	5	$2,100	
Terrazzo	5%			LIFE	* *	5	$2,200	
Vinyl Tile	60%			2036	* *	3	$17,100	
Vinyl Tile 9" X 9"	10%			2026	$1,007,800	3	$2,100	
Wood	10%			2046	* *	5	$10,700	
Interior Walls								
Ceramic Tile	5%	Now	$18,600	2034	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Masonry: Brick	10%			LIFE	* *			
Plaster	65%	0-2	$42,800	LIFE	* *	5	$26,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair Bulkheads								
SGFT/Glazed Masonry	20%	Now	$48,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Stairs And Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$3,600	2036	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	40%	Now	$66,600	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$3,500	
Plaster	45%	Now	$15,200	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkheads								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	20%	Now	$2,400	2081	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Southwest Side Of Building								
Chain Link	80%	0-2	$10,200	2041	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : East Side Of Building								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2036	* *			
Masonry: Granite	5%	Now	$1,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entry Stairs								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$4,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Curb Cut								
Activity Yard								
Asphalt	95%			2034	* *			
Rubber Matting	5%			2031	$28,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	50%			2031	$72,300	1		
Conduit	50%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$14,000	5	$100	
Molded Case Bkrs	60%			2047	* *	5	$900	
Molded Case Bkrs	30%			2030	$41,900	5	$500	
Wiring								
Braided Cloth	70%	2-4	$139,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2031	$20,000	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$52,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$50,400	10	$7,200	
Exit, Service	50%			2026	$12,900	1		
Exterior Lighting								
HID	20%	Now	$5,600	2026	$56,000			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Timer And Photocell Lighting Control Failure								
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 50%								
Location : Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Timer And Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$7,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$59,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$9,600	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room In Basement								
Terminal Devices								
Air Handler	30%			2026	$338,700	1	$11,100	
Convector/Radiator	60%			2036	* *	1	$11,600	
Fan Coil Unit/Heat	10%			2031	$148,800	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2031	$142,500			
Window/Wall Unit	70%			2026	$159,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,500	
Exhaust Fans								
Interior	70%			2031	$186,300	2	$1,300	
Roof	30%			2031	$34,900	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$153,200	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$12,000	4	$1,300	
Backflow Preventer								
Generic	100%			2031	$26,800	1	$3,700	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2041	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 9 - BK**		
Address	: **80 UNDERHILL AVENUE @ ST. MARKS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K009**
Program / Asset #	: **BOE0346.000 / 1102**	**Yr Built/Renovated**	: **1957 / 1998**
Area Sq Ft	: **116,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1145** **Lot** : **26**	**BIN**	: **3028204**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,891,200	$52,100
Interior Architecture	$5,971,100	$50,100
Electrical	$225,600	$1,069,700
Mechanical	$1,611,900	$2,637,100
Total	**$9,699,800**	**$3,809,000**
Importance Code A	$2,497,900	$52,100
Importance Code B	$7,107,100	$3,756,900
Importance Code C	$94,800	
Total	**$9,699,800**	**$3,809,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$62,100		$11,100	
Interior Architecture	$74,600	$4,100	$19,600	$10,300
Electrical	$8,800	$3,400	$17,700	$2,500
Mechanical	$80,000	$16,600	$47,100	$23,500
Site Enclosure	$13,700			
Site Pavements	$5,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$248,700**	**$28,000**	**$99,400**	**$40,200**
Importance Code A	$62,100	$11,500	$22,800	$11,500
Importance Code B	$167,300	$16,500	$76,600	$28,800
Importance Code C	$19,400			
Total	**$248,700**	**$28,000**	**$99,400**	**$40,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$85,800	LIFE	* *	5	$52,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Roof Stair Bulkhead And Chimney								
Masonry: Granite	3%	Now	$27,300	LIFE	* *	5	$1,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entrance By Underhill Avenue								
Masonry: Limestone	7%			LIFE	* *	5	$3,000	
Windows								
Aluminum	100%	Now	$100,800	2047	* *	5	$10,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$11,100	
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Metal Rail	20%			2044	* *	5-10	$57,200	
Roof								
Built-Up (BUR)	95%			2026	$1,570,200	10	$134,500	
Metal Panel	4%			2036	* *	10	$10,400	
Skylight, Metal/Glass	1%			2041	* *	10	$4,700	
Soffits								
Stucco Cement	100%			2036	* *	5	$1,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,100	
Ceramic Tile	5%			2040	* *	5	$8,200	
Terrazzo	5%			LIFE	* *	5	$6,400	
Vinyl Tile	50%			2036	* *	3	$41,200	
Vinyl Tile 9" X 9"	20%			2026	$5,823,200	3	$12,400	
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout Various Classrooms								
Wood	10%			2046	* *	5	$30,900	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$10,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$10,400	
Plaster	45%	Now	$94,800	LIFE	* *	5	$23,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$15,500	2036	* *	5	$12,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,800	
Metal Panel	20%	4+	$53,100	LIFE	* *	5	$40,100	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout 1st Floor Corridors								
Plaster	50%	Now	$48,800	LIFE	* *	5	$50,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	65%	Now	$13,700	2041	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Tree Impact On Sterling Place								
Iron Picket	35%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$5,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Steps Into Rear Yard								
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	85%			2034	* *			
Cast in Place Concrete	5%			2036	* *			
Rubber Matting	10%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch And 0ne 400 Ampere Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2051	* *	5	$200	
Molded Case Bkrs	50%			2031	$130,000	5	$1,500	
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$12,000	5	$100	
Molded Case Bkrs	75%			2030	$179,600	5	$2,300	
Molded Case Bkrs	20%			2047	* *	5	$600	
Wiring								
Braided Cloth	20%	2-4	$68,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2051	* *	1		
Thermoplastic	40%			2031	$136,700	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	80%			2039	* *	10	$85,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%	Now	$3,500	2036	* *			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
HID	10%	Now	$2,700	2031	$137,400			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2026	$97,400	10	$14,000	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
LED	100%			2039	* *			
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$43,600	1	$8,700	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$59,800	1-3	$14,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$35,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One Tank Of 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	0-2	$606,600	2051	* *	1	$103,400	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Boiler No.1 Safety Vent								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boilers And Burners								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$18,600	2031	$928,900			
Broken, Extent : Severe, Area Affected : 25%								
Location : One Pump Of Vacuum Pump In Boiler Room								
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Terminal Devices								
Air Handler	20%			2026	$436,600	1	$14,400	
Convector/Radiator	75%	Now	$71,100	2029	$711,400	1	$25,300	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Pneumatic Air Compressor For Thermostat Not Working								
Fan Coil Unit/Heat	5%	Now	$14,400	2026	$143,800	1	$1,700	
Broken, Extent : Severe, Area Affected : 70%								
Location : 5 Of 8 Units In The Cafeteria And Classroom								
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Various								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2031	$127,200	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units Supplying The Auditorium								
Split Unit	1%			2036	* *			
Window/Wall Unit	60%	Now	$5,300	2026	$263,700	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Various Locations Throughout								
No Component	29%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$15,100	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,700	
Exhaust Fans								
Interior	60%			2031	$308,700	2	$2,100	
Roof	40%			2026	$90,000	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%	0-2	$14,800	2044	* *	1		
Antiquated, Extent : Severe, Area Affected : 100%								
Location : Corroded Shut Off Valve In Basement								
HW Heat Exchanger								
Steam Fired	100%			2031	$560,900	4	$11,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$20,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Main Storm Drain To Basement								
Sump Pump(s)								
Non-Submersible	100%			2031	$23,200	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%	Now	$4,800	2041	* *	1-2	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : Sprinkler Head Painted								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 9 - M**		
Address	: **100 WEST 84 STREET @ COLUMBUS AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M009**
Program / Asset #	: **BOE0006.000 / 461**	**Yr Built/Renovated**	: **1965 / 2000**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1214** **Lot** : **29**	**BIN**	: **1032119**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$450,400	$1,119,700
Interior Architecture	$2,157,600	$14,295,600
Electrical		$1,279,200
Mechanical	$1,317,600	$2,321,100
Total	**$3,925,500**	**$19,015,700**
Importance Code A	$450,400	$1,886,700
Importance Code B	$1,988,700	$17,128,900
Importance Code C	$1,486,500	
Total	**$3,925,500**	**$19,015,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,600			
Interior Architecture	$71,500		$4,500	$10,800
Electrical	$51,000	$8,200	$8,500	$10,800
Mechanical	$139,700	$16,600	$19,500	$12,200
Site Enclosure	$25,000			
Site Pavements	$47,800			
Total	**$380,700**	**$24,800**	**$32,500**	**$33,800**
Importance Code A	$54,400	$8,700	$8,700	$8,700
Importance Code B	$277,400	$16,100	$23,700	$25,100
Importance Code C	$48,900			
Total	**$380,700**	**$24,800**	**$32,500**	**$33,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	$58,800	LIFE	* *	5	$3,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Chimney								
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : West Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Chimney								
Masonry: Brick Cavity	91%	2-4	$282,900	LIFE	* *	5	$65,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : North Facade, Lower Story								
Masonry: Granite	2%			LIFE	* *	5	$2,100	
Pre-Cast Concrete	2%	2-4	$2,100	LIFE	* *	5	$4,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Interior Courtyard								
Windows								
Aluminum	100%	0-2	$42,500	2041	* *	5	$8,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Protective Metal Grilles								
Parapets								
Metal Panel	5%			2043	* *	5	$1,600	
Metal Rail	95%	Now	$108,700	2038	* *	5	$57,400	
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Roof								
Built-Up (BUR)	97%			2033	$918,600	10	$78,700	
Metal Panel	3%			2038	* *	10	$4,500	
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$112,600	LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Underside Of Boiler Room Slab								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridors								
Ceramic Tile	5%			2036	* *	5	$6,600	
Sheet Vinyl/Rubber	5%			2038	* *	5	$9,900	
Terrazzo	3%	Now	$7,400	LIFE	* *	5	$3,100	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Main Entry								
Vinyl Tile	5%			2033	$182,800	3	$3,300	
Vinyl Tile	7%			2038	* *	3	$3,500	
Vinyl Tile 9" X 9"	60%			2028	$14,015,500	3	$39,700	
Wood	2%	2-4	$15,800	2048	* *	5	$2,500	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Wood	3%			2073	* *	5	$7,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library Floor								
Interior Walls								
Cast in Place Concrete	5%	Now	$93,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room And Interior Courtyard - North Facade								
Ceramic Tile	5%	0-2	$135,600	2036	* *	5	$6,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Restrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$19,700	
Glazed Ceramic Panel	5%			LIFE	* *	10	$11,100	
Marble Panels	3%			LIFE	* *	10	$3,000	
Plaster	45%			LIFE	* *	5-10	$94,300	
SGFT/Glazed Masonry	27%	0-2	$1,196,200	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Base Of Corridor Walls Throughout 1st And 2nd Floors								

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DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	0-2	$200,900	2038	* *	5	$15,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
AcousTileSusp.Lay-In	3%			2053	* *	5	$3,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$78,000	
Fiber Board	5%			2033	$97,400			
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Metal Panel	7%	Now	$289,400	LIFE	* *	5	$10,900	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria Throughout								
Plaster	10%			LIFE	* *	5-10	$21,500	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%	Now	$1,800	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West 84 Street								
Chain Link	45%			2043	* *			
Iron Picket	45%	4+	$23,200	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 2%								
Location : West 84 Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$45,200	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Rubber Matting	15%	4+	$800	2033	$15,500			
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	85%	2-4	$1,800	2033	$36,500			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	70%			2033	$141,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Toggle Switch	2%			2032	$4,800	5		
Molded Case Bkrs	70%			2032	$167,600	5	$1,600	
Molded Case Bkrs	18%			2049	* *	5	$400	
Wiring								
Braided Cloth	70%			2032	$204,200	1		
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$107,500	5	$500	
Locally Mounted	10%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$59,100	10	$8,500	
Exit, Battery	50%			2033	$62,300	10	$3,000	
Exterior Lighting								
LED	10%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof And Building Perimeter								
No Component	90%							
Alarm								
Security System								
Generic	50%			2033	$82,600	1	$16,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Camera System								
Generic	50%	Now	$41,300	2038	* *	1	$14,800	
Control Panel Damaged, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								

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DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$227,000	1-3	$55,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$27,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2031	$767,000	1	$87,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two No.4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$35,200	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room Vacuum Pump								
Terminal Devices								
Air Handler	20%			2028	$331,200	1	$10,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Blowers Are Approaching End Of Their Useful Life Cycle								
Convector/Radiator	80%			2038	* *	1	$22,700	
Controls								
Digital	30%	Now	$75,800	2028	$758,200			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Thermostats								
Software Issue Suspected, Extent : Moderate, Area Affected : 50%								
Location : System Running In Manual Mode								
Pneumatic	70%			2027	$1,190,500			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	25%			2038	* *			
Window/Wall Unit	75%			2031	$250,000	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2028	$78,100	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Exhaust Fans Are Approaching End Of Their Useful Life Cycle								
Roof	80%	Now	$13,700	2028	$136,600	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Exhaust Fans Are Approaching End Of Their Useful Life Cycle								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$22,500	2038	* *	1		
Damaged, Extent : Severe, Area Affected : 100%								
Location : Water Main Valve Does Not Close								
Water Heater With Tanks								
Gas Fired	100%			2026	$51,200	2		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Water Heater Is Approaching End Of Its Useful Life Cycle								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Storage Tank Has No Label, It Is Approximately 250 Gallons, Also Used With The Heat Exchanger. Quantity 3								
HW Heat Exchanger								
Steam Fired	100%			2053	* *	4	$13,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Backup For The Hot Water Heater								
Sanitary Piping								
Cast Iron	100%	Now	$22,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Floor Drain								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,500	2033	$17,600	4	$1,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Pumps Running Continuously								
Sewage Ejector(s)								
Electric	100%			2028	$46,100	4	$5,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sewage Ejector Pump Is Approaching End Of Its Useful Life Cycle								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 9 - Q (W REED SCHOOL)**		
Address	: **58-74 57 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q009**
Program / Asset #	: **BOE0673.000 / 315**	**Yr Built/Renovated**	: **1907 / 2001**
Area Sq Ft	: **45,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2631** **Lot** : **106**	**BIN**	: **4059130**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$106,000	$661,100
Interior Architecture	$324,800	$1,279,900
Electrical	$160,400	$218,400
Mechanical	$308,700	$1,829,300
Total	**$900,000**	**$3,988,700**
Importance Code A	$262,900	$661,100
Importance Code B	$550,200	$3,327,700
Importance Code C	$86,800	
Total	**$900,000**	**$3,988,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$8,500
Interior Architecture	$26,200	$1,700	$5,200	$2,800
Electrical	$39,700	$1,400	$1,400	$154,800
Mechanical	$8,600	$6,300	$10,000	$40,400
Site Pavements	$23,400			
Total	**$97,800**	**$9,400**	**$16,700**	**$206,600**
Importance Code A		$4,500	$4,500	$13,100
Importance Code B	$90,500	$4,900	$12,200	$193,500
Importance Code C	$7,300			
Total	**$97,800**	**$9,400**	**$16,700**	**$206,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	15%			LIFE	* *		5	$44,200	
Recent Repair Evident, Extent : N/A, Area Affected : 100%									
Location : Exterior Walls									
Masonry: Brick	80%			LIFE	* *		5	$30,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%									
Location : Exterior Walls									
Masonry: Limestone	5%			LIFE	* *		5	$1,400	
Windows									
Wood	100%	0-2	$106,000	2031		$530,200	5	$66,000	
Air Infiltration, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Thermally Inefficient, Extent : Light, Area Affected : 100%									
Location : Throughout									
Parapets									
Masonry: Brick	80%			LIFE	* *		5	$6,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%									
Location : Parapet Walls									
Pre-Cast Concrete	20%			LIFE	* *		5	$10,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%									
Location : Coping Stones									
Roof									
Copper/Terne	5%			2067	* *		10	$8,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%									
Location : Stair Bulkhead									
Modified Bitumen	95%			2040	* *		10	$64,900	
Recent Installation, Extent : N/A, Area Affected : 100%									
Location : Roof									
Interior									

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DEPARTMENT OF EDUCATION - 040
P. S. 9 - Q (W REED SCHOOL)
Asset # : 315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	Now	$6,400	2052	* *	5	$900	
Wrinkling, Extent : Severe, Area Affected : 80%								
Location : Stairs								
Cast in Place Concrete	7%	4+	$8,200	LIFE	* *	5	$10,600	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridors And Mechanical Rooms								
Ceramic Tile	5%			2035	* *	5	$3,500	
Sheet Vinyl/Rubber	3%			2032	$135,500	5	$3,100	
Vinyl Tile	60%			2032	$1,144,400	3	$15,500	
Vinyl Tile 9" X 9"	15%	Now	$91,400	2042	* *	3	$3,900	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 3rd Floor Classrooms								
Wood	5%	4+	$61,800	2072	* *	5	$3,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Room 204 And 302								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Room 204 And 302								
Interior Walls								
Ceramic Tile	7%	4+	$7,300	2035	* *	5	$3,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Stairwells. Perimeter Walls								
Glass: Single Pane	5%			LIFE	* *	5	$3,600	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Plaster	75%	0-2	$86,800	LIFE	* *	5	$21,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 202, 210								
Ceilings								
AcousTile,Adhered	10%	4+	$4,200	2037	* *	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Masonry: Vault Struct	5%			LIFE	* *			
Plaster	85%	Now	$84,800	LIFE	* *	5	$34,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Stair 1 And 2 At 3rd Floor								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Auditorium, Stair 1 And 2 At 3rd Floor								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Stair 1 And 2 At 3rd Floor, Boys Bathroom								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2042	* *			
Iron Picket	40%			2052	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 9 - Q (W REED SCHOOL)
Asset # : 315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Fieldstone	100%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of Building								
Explanation : Used As Staging Area For Construction Work								
Activity Yard								
Cast in Place Concrete	95%	0-2	$23,400	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	5%			2032	$18,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2042	* *	5	$100	
Fused Knife Sw	50%	0-2	$81,300	2062	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room Basement								
Raceway								
Conduit	95%			2032	$76,900	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Fused Knife Sw	20%	2-4	$27,900	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And 1st Floor								
Molded Case Bkrs	50%			2031	$69,900	5	$600	
Molded Case Bkrs	20%			2040	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	2-4	$79,100	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2042	* *	1		
Thermoplastic	15%			2032	$15,800	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$700	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$38,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	6%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$37,800	10	$5,400	
Exit, Service	50%			2027	$9,700	1		
Exterior Lighting								
Fluorescent	10%			2027	$17,900	10	$400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Outside								
No Component	90%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera System								
Generic	10%			2027	$8,400	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$34,800	1-3	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Strobe Lights, Smoke Detectors, Horns And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$156,900	2045	* *	1	$40,100	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler No.1 Tubes Leaking								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boiler No.1 Needs New Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	20%	0-2	$151,800	2062	* *	4	$400	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Basement. Condensate Return Piping Has Failed Due To Serious Corrosion								
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Condensate Return Piping At Basement								
Central Plant Steam Piping/Pmp	60%			2032	$759,200	4	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler, Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Central Plant Steam Piping/Pmp	20%			2052	* *	4	$700	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Explanation : Boiler Room Steam And Condensate Return Piping								
Terminal Devices								
Convector/Radiator	90%			2030	$331,200	1	$13,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	10%			2032	$111,600	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	20%			2042	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Auditorium								
Explanation : Split Units Under Construction								
Window/Wall Unit	60%	0-2	$5,100	2030	$102,300	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Deficiencies								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,100	
Exhaust Fans								
Roof	75%			2032	$65,500	2	$1,000	
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Galvanized Steel	80%			2030	$459,600	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, The Domestic Hot And Cold Water Piping Are Beyond Their Useful Life Cycle Limit								
Water Heater With Tanks								
Gas Fired	100%			2027	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Is Beyond Its Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Storm Piping Is Beyond Its Useful Life Cycle Limit								
Sump Pump(s)								
Non-Submersible	100%			2032	$9,000	4	$1,400	
Backflow Preventer								
Generic	100%			2037	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 1 - BK MINISCHOOL**				
Address	: **309 47 STREET @THIRD AVENUE**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K881**	
Program / Asset #	: **BOE0342.010 / 331**		**Yr Built/Renovated**	: **1970 /**	
Area Sq Ft	: **10,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **26-Sep-2019**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1**				
Block	: **755**	**Lot** : **22**	**BIN**	: **3011821**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$209,800	
Interior Architecture		$378,500
Electrical		$136,700
Mechanical	$80,400	$191,400
Total	**$290,200**	**$706,600**
Importance Code A	$209,800	
Importance Code B	$80,400	$706,600
Total	**$290,200**	**$706,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,900			
Interior Architecture	$28,600			$1,700
Electrical	$300	$400	$35,200	$300
Mechanical	$10,100	$1,100	$38,200	$1,100
Site Enclosure	$3,700			
Site Pavements	$900			
Total	**$83,500**	**$1,600**	**$73,300**	**$3,100**
Importance Code A	$40,400	$500	$500	$500
Importance Code B	$33,000	$1,100	$72,800	$2,600
Importance Code C	$10,100			
Total	**$83,500**	**$1,600**	**$73,300**	**$3,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK MINISCHOOL

Asset # : 331

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	8%	0-2	$15,000	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Foundation Wall								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Various Surfaces								
Metal Panel	92%	Now	$95,600	2061	* *	5	$27,000	1
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : All Elevations Below Roof Line								
Deformed/Dented, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Past Its Useful Life								
Windows								
Aluminum	100%	Now	$114,100	2056	* *	5	$1,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Classrooms								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : All Windows								
Roof								
Metal Panel	100%	4+	$22,700	2036	* *			
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : At Gutters								
Soffits								
Metal, Corrugated	100%	0-2	$2,200	2031	$44,600	1		
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout Eaves And Exit 3, 4 And 5								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Exit 3								
Explanation : Paint Peeling								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK MINISCHOOL

Asset # : 331

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$1,300	LIFE	* *	5	$1,700	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Rooms								
Ceramic Tile	5%			2034	* *	5	$800	
Vinyl Tile	90%	0-2	$18,900	2031	$378,500	3	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Interior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	$3,200	
Metal Panel	40%	4+	$5,600	LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Classrooms								
Explanation : Dented Panels								
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	$2,500	2036	* *	5	$700	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Mechanical Room								
AcousTileSusp.Lay-In	90%			2048	* *	5	$13,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Classrooms And Corridors								
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%	2-4	$1,400	2036	* *	5	$300	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Accessible Ramp Railing At 46th Street								
Chain Link	95%	2-4	$2,300	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 46th Street								
Explanation : Fence Pole Rusted And Tilting								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK MINISCHOOL

Asset # : 331

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	90%			2034	* *			
Cast in Place Concrete	10%	Now	$900	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Accessible Ramp At 46th Street								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Post Connections At Ramp Railing								
Other Observation, Extent : Light, Area Affected : 10%								
Location : 47th Street Steps								
Explanation : Deteriorated Finish								
Activity Yard								
Asphalt	50%			2034	* *			
Rubber Matting	50%			2031				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$65,000	5	$300	
Raceway								
Conduit	100%			2031	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2030	$1,500	5		
Molded Case Bkrs	95%			2030	$28,400	5	$300	
Wiring								
Thermoplastic	100%			2031	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$9,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2026	$8,500	10	$1,200	
Exit, Service	50%			2026	$2,200	1		
Exterior Lighting								
HID	20%			2026	$9,300	10		
No Component	80%							
Alarm								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK MINISCHOOL

Asset # : 331

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$5,600	1	$1,100	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$7,700	1-3	$1,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2036	* *	1	$5,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 1 Unit								
Terminal Devices								
Air Handler	100%			2031	$191,400	1	$6,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%	2-4	$80,400	2036	* *	2	$500	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Equipment Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 1 Inefficiency Unit On Extended Life Time								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$8,900	LIFE	* *	2-5	$5,700	
Needs Cleaning, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Exhaust Fans								
Interior	80%			2026	$36,100	2	$300	
Roof	20%			2031	$3,900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK MINISCHOOL

Asset # : 331

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 10 - BK**		
Address	: **511 7TH AVE. @17TH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K010**
Program / Asset #	: **BOE0347.000 / 2522**	**Yr Built/Renovated**	: **1930 / 2008**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **869** **Lot** : **1**	**BIN**	: **3016509**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$167,600	$848,400
Interior Architecture	$3,362,800	$115,100
Electrical	$326,900	$384,900
Mechanical	$1,429,000	$1,717,800
Total	**$5,286,300**	**$3,066,200**
Importance Code A	$167,600	$848,400
Importance Code B	$5,118,700	$2,217,800
Total	**$5,286,300**	**$3,066,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,200		$7,900	
Interior Architecture	$36,500	$7,500	$11,500	$800
Electrical	$46,200	$1,900	$11,600	$2,400
Mechanical	$48,400	$10,800	$46,300	$10,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$180,200**	**$24,100**	**$81,200**	**$17,900**
Importance Code A	$52,800	$7,600	$15,700	$7,600
Importance Code B	$96,300	$12,100	$65,600	$10,300
Importance Code C	$31,200	$4,400		
Total	**$180,200**	**$24,100**	**$81,200**	**$17,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$126,700	
Masonry: Brick	15%	Now	$97,800	LIFE	* *	5	$23,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$5,900	
Windows								
Aluminum	100%	Now	$28,600	2047	* *	5	$3,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$3,500	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Above One Story Entrance In Courtyard								
Masonry: Brick	90%	Now	$13,100	LIFE	* *	5	$300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Inner Parapets On Main Roof								
Roof								
Built-Up (BUR)	95%	Now	$69,800	2031	$698,000			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Copper/Terne	5%			2046	* *	10	$7,900	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$40,300	
Ceramic Tile	5%			2040	* *	5	$6,100	
Quarry Tile	5%			2044	* *	5	$9,200	
Terrazzo	5%			LIFE	* *	5	$4,800	
Vinyl Tile	5%			2036	* *	3	$3,100	
Vinyl Tile 9" X 9"	15%			2026	$3,249,200	3	$6,900	
Wood	50%			2046	* *	5	$115,100	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$8,800	
Concrete Masonry Unit	3%			LIFE	* *	5	$2,100	
Glass: Single Pane	5%			LIFE	* *	5	$6,600	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%	4+	$31,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%			LIFE	* *	5	$31,800	
SGFT/Glazed Masonry	12%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$18,400	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,900	
Plaster	75%	Now	$56,000	LIFE	* *	5	$57,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2036	* *			
Masonry: Granite	20%			LIFE	* *			
Activity Yard								
Asphalt	90%			2034	* *			
Rubber Matting	10%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$200	
Fused Knife Sw	30%	2-4	$53,900	2056	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	50%			2039	* *	5	$1,000	
Molded Case Bkrs	10%			2047	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$159,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2041	* *	1		
Motor Controllers								
Locally Mounted	20%			2044	* *	5	$100	
Locally Mounted	30%			2036	* *	5	$200	
Locally Mounted	50%			2029	$59,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	83%			2036	* *	10	$58,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2036	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Stair Cases								
Incandescent	5%	4+	$53,300	2041	* *	2	$100	
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
LED	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$9,300	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%	Now	$43,100	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 75%								
Location : Roof And Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Photocell And Timer								
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$28,900	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$14,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 6,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$76,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$12,300	2031	$616,600			
Insul. Deteriorating, Extent : Severe, Area Affected : 100%								
Location : Boiler Feed Tank. Basement								
Terminal Devices								
Air Handler	25%			2026	$362,300	1	$11,900	
Convector/Radiator	50%			2029	$314,800	1	$12,400	
Fan Coil Unit/Heat	25%			2026	$477,300	1	$6,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	85%			2026	$247,900	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$12,900	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2026	$341,500	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	80%			2029	$786,400	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit With 115-gallon Tank								
Sanitary Piping								
Cast Iron	100%	Now	$19,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Water Backs Up Into Basement Restroom And Flooding On School Yard During Heavy Rains								
Storm Drain Piping								
Cast Iron	100%	Now	$5,400	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement								
Explanation : Water Backs During Heavy Rains								
Sump Pump(s)								
Non-Submersible	100%			2026	$15,400	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 11 - BK**		
Address	: **419 WAVERLY AVENUE BTWN: GATES AVE. - GREENE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K011**
Program / Asset #	: **BOE0348.000 / 1103**	**Yr Built/Renovated**	: **1958 /**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Dec-2021**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1962** **Lot** : **10**	**BIN**	: **3332865**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$112,600	$183,800
Interior Architecture	$1,809,300	$104,900
Electrical	$458,100	$1,066,200
Mechanical	$792,300	$3,197,600
Total	**$3,172,400**	**$4,552,500**
Importance Code A	$904,900	$183,800
Importance Code B	$2,184,400	$4,368,700
Importance Code C	$83,000	
Total	**$3,172,400**	**$4,552,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,400			
Interior Architecture	$125,200		$9,200	$2,300
Electrical	$4,500	$7,800	$8,000	$10,200
Mechanical	$32,900	$18,200	$18,400	$11,500
Site Enclosure	$2,200			
Total	**$207,200**	**$25,900**	**$35,700**	**$24,000**
Importance Code A	$42,400	$8,200	$8,200	$8,200
Importance Code B	$99,100	$17,700	$27,400	$15,800
Importance Code C	$65,700			
Total	**$207,200**	**$25,900**	**$35,700**	**$24,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$225,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Granite Panels	2%			LIFE	* *	5	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Sidewalk Shed In Use								
Windows								
Aluminum	100%			2049	* *	5	$27,600	
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$23,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Masonry: Limestone	15%			LIFE	* *	5-10	$7,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Roof								
Built-Up (BUR)	95%			2043	* *	10	$71,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Copper/Terne	5%			2061	* *	10	$9,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$53,700	
Ceramic Tile	3%	Now	$227,600	2048	* *	5	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$3,800	
Vinyl Tile	60%			2038	* *	3	$27,600	
Vinyl Tile 9" X 9"	15%	Now	$1,424,800	2043	* *	3	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Various								
Wood	10%			2073	* *	5	$23,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	2%	Now	$15,200	2036	* *	5	$2,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$20,100	
Glazed Ceramic Panel	3%			LIFE	* *	10	$6,800	
Plaster	60%			LIFE	* *	5-10	$128,300	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$31,400	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	0-2	$12,400	2038	* *	5	$3,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTile,Adhered	20%			2038	* *	5	$24,600	
Exposed Struc: Concrete	55%			LIFE	* *	5-10	$84,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,300	
Fiber Board	5%			2033	$104,900			
Plaster	10%	Now	$8,200	LIFE	* *	5	$7,700	
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : Ceiling Below Roofs								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair B At Bulkhead								
Site Enclosure								
Fence/Gates								
Chain Link	50%	4+	$2,200	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Various								
Iron Picket	50%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed In Use								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	95%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Recess Yard								
Explanation : Staging Area								
Rubber Matting	5%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Playground								
Explanation : Construction Prevent Access								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$49,600	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$249,200	5	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Suspect Of Water Penetration Through The Walls.								
Raceway								
Conduit	95%			2033	$209,900	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$26,200	5	$200	
Molded Case Bkrs	70%			2032	$183,600	5	$1,500	
Molded Case Bkrs	20%			2049	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$223,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	20%			2033	$63,900	1		
Motor Controllers								
Locally Mounted	50%			2031	$65,400	5	$300	
Locally Mounted	50%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$73,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2028	$50,400	2		
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$10,000	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Not Accessible	100%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$170,600	1	$31,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$234,500	2043	* *	1-3	$46,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$208,600	5	$25,700	
Conversion Equipment								
Steam Boiler	100%	2-4	$792,300	2053	* *	1	$74,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Both Boilers								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Very Old Units With Newer Burners								
Distribution								
Steam Piping/Pump	100%			2033	$727,900			
Terminal Devices								
Air Handler	20%			2028	$342,100	1	$10,300	
Convector/Radiator	80%			2031	$594,700	1	$21,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$206,600	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	4%	0-2	$3,200	LIFE	* *	2-5	$1,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Water Leaking To Basement								
Ductwork/Diffusers	96%			LIFE	* *	2-5	$70,300	
Exhaust Fans								
Interior	40%			2028	$161,300	2	$1,000	
Roof	60%			2028	$105,800	2	$1,500	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$348,100	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$18,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit.								
HW Heat Exchanger								
Steam Fired	100%			2033	$439,600	4	$12,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$18,200	4	$2,600	
Sewage Ejector(s)								
Electric	100%			2033	$47,600	4	$5,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$62,900	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 11 - M**		
Address	: **320 WEST 21 STREET @8TH - 9TH AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M011**
Program / Asset #	: **BOE0008.000 / 436**	**Yr Built/Renovated**	: **1925 / 2004**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-May-2021**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **744** **Lot** : **24**	**BIN**	: **1013260**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$145,300	$89,400
Interior Architecture	$90,700	$3,778,900
Electrical	$596,000	$545,600
Mechanical	$558,100	$1,068,300
Total	**$1,390,100**	**$5,482,300**
Importance Code A	$236,900	$89,400
Importance Code B	$1,153,200	$5,339,000
Importance Code C		$53,900
Total	**$1,390,100**	**$5,482,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$100,500		$10,200	$47,800
Electrical	$2,300	$3,200	$3,300	$81,700
Mechanical	$16,700	$14,600	$26,200	$48,800
Site Pavements	$4,900			
Total	**$124,500**	**$17,800**	**$39,700**	**$178,300**
Importance Code A		$9,500	$9,500	$9,700
Importance Code B	$124,500	$8,300	$23,800	$168,600
Importance Code C			$6,400	
Total	**$124,500**	**$17,800**	**$39,700**	**$178,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$36,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Facade								
Masonry: Brick	95%			LIFE	* *	5	$89,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : All Facades								
Windows								
Aluminum	90%			2048	* *	5	$26,500	
Steel	10%	Now	$145,300	2057	* *	5	$18,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Thermally Inefficient, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$23,200	
Ceramic Tile	5%			2041	* *	5	$7,600	
Sheet Vinyl/Rubber	5%			2037	* *	5	$11,300	
Terrazzo	5%	4+	$15,500	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor By Auditorium Entry								
Traffic Topping	20%			2032	$1,580,900	5	$37,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors And Stairs								
Explanation : Fluid Applied Coating								
Vinyl Tile	45%	0-2	$41,200	2032	$2,059,100	3	$25,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Lunchroom On First Floor, Classrooms								
Vinyl Tile 9" X 9"	3%	Now	$43,900	2042	* *	3	$1,700	
Worn/Eroded, Extent : Severe, Area Affected : 75%								
Location : Classrooms								
Wood	10%			2047	* *	5	$28,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$12,800	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$15,400	
Plaster	50%			LIFE	* *	5	$38,500	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,400	
Plaster	90%	Now	$90,700	LIFE	* *	5	$85,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : 5th Floor Corridor And Room 506, Auditorium, 5th Floor Toilet Room								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : 5th Floor Corridor And Room 506								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2052	* *			
Iron Picket	35%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$4,900	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 21st Street								
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2052	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	40%			2032	$19,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2052	* *	5	$100	
Fused Disc Sw	30%			2032	$74,800	5	$100	
Fused Knife Sw	40%	2-4	$99,700	2062	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Raceway								
Conduit	80%			2032	$176,800	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	3%			2048	* *	5	$100	
Fused Disc Sw	7%			2031	$18,400	5	$200	
Molded Case Bkrs	20%			2048	* *	5	$500	
Molded Case Bkrs	70%			2031	$183,600	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$223,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2032	$32,000	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	60%			2030	$78,500	5	$400	
Locally Mounted	40%			2045	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$84,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,800	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2027	$24,900	10	$100	
Egress Lighting								
Emergency, Battery	50%			2027	$88,200	10	$11,600	
Exit, Service	50%			2027	$22,700	1		
Exterior Lighting								
HID	20%			2027	$98,100	10	$100	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$3,600	
Generic	10%			2027	$19,700	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detectors, Horns, Alarm Bell, Pull Box And Fire-alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$29,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$91,600	2045	* *	1	$85,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Broken Gas Sensor Of No. 3 Boiler								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2 Plugged Tubes In No.1 Boiler And 3 Plugged Tubes In No.3 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Three No.2 Oil Burning Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$147,800	2052	* *	4	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Steam Piping At Elbow. Vacuum Pump Leaking								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	30%			2032	$593,600	1	$17,800	
Convector/Radiator	70%	0-2	$12,000	2037	* *	1	$19,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Three Cafeteria Radiators Are Defective								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor								
Explanation : 5th Floor Classroom								
Window/Wall Unit	80%			2027	$318,600	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,500	
Exhaust Fans								
Interior	90%			2032	$419,700	2	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Custodian Claims Fans Work But Are Not Required								
Roof	10%			2027	$20,400	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
No Water Meter, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%	Now	$400	2032	$18,700	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$9,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : For Swimming Pool								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,000	
Pool Filter/Treatment								
Sand	100%			2052	* *	4		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2032	$55,100	4	$5,700	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2042	* *	1-2	$500	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 11 - Q**		
Address	: **54-25 SKILLMAN AVENUE BTWN: 55 ST., ROOSEVELT AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q011**
Program / Asset #	: **BOE0675.000 / 317**	**Yr Built/Renovated**	: **1952 / 2017**
Area Sq Ft	: **172,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **1239** **Lot** : **1**	**BIN**	: **4594818**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$512,300	$335,000
Interior Architecture	$11,631,400	$257,300
Electrical		$329,100
Mechanical	$296,400	$4,240,800
Total	**$12,440,100**	**$5,162,200**
Importance Code A	$512,300	$335,000
Importance Code B	$11,624,800	$4,693,800
Importance Code C	$303,000	$133,400
Total	**$12,440,100**	**$5,162,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$167,300		$5,300	
Interior Architecture	$198,900		$6,200	$30,900
Electrical	$48,000	$28,000	$32,200	$31,300
Mechanical	$118,400	$120,700	$95,000	$70,500
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$548,400**	**$164,500**	**$154,600**	**$148,500**
Importance Code A	$179,200	$11,900	$17,200	$11,900
Importance Code B	$269,600	$152,500	$137,300	$136,600
Importance Code C	$99,600			
Total	**$548,400**	**$164,500**	**$154,600**	**$148,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	$136,000	
Masonry: Brick Cavity	40%			LIFE	* *	5	$136,000	
Masonry: Limestone	5%			LIFE	* *	5	$12,700	
Metal/Glass Curt Wall	3%			LIFE	* *	5	$19,100	
Metal Panel	10%			2053	* *	5-10	$116,900	
Metal Coiling Doors	2%			2046	* *	5	$10,600	
Windows								
Aluminum	40%	Now	$210,700	2049	* *	5	$11,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Aluminum	60%			2049	* *	5	$33,200	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$228,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : New Addition 2017								
Explanation : Cast-in-place Parapet Wall Is Covered With Roofing Material Up To Copings Stones								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$31,400	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : New Addition In 2017 With New Parapet Wall And Cast Stone Copings								
Masonry: Brick	40%			LIFE	* *	5-10	$60,400	
Masonry: Limestone	5%			LIFE	* *	5-10	$13,500	
Roof								
Built-Up (BUR)	35%	Now	$23,700	2038	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 1952 Roof Into 3rd Floor, Around Roof Drain								
Copper/Terne	5%	Now	$30,400	2061	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs A And B At Bulkhead								
IRMA/Protected Membrane	25%			2038	* *	10	$29,000	
Plaza Roof: Stone Panels	35%	0-2	$20,800	2053	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Lower Roof At 2017 Addition								
Explanation : Cracked Panels								
Soffits								
Cast in Place Concrete	80%			LIFE	* *	5	$48,900	
Wood	20%	Now	$500	2046	* *	5	$3,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Missing Plank At Rear Entrance								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2032	$87,500	3	$7,400	
Cast in Place Concrete	10%	Now	$42,100	LIFE	* *	5	$54,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Sub-basement								
Ceramic Tile	8%			2042	* *	5	$19,800	
Quarry Tile	2%			2046	* *	5	$7,400	
Terrazzo	5%			LIFE	* *	5	$19,300	
Vinyl Tile	43%	Now	$293,800	2038	* *	3	$39,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout 2017 Addition								
Vinyl Tile 9" X 9"	25%	Now	$10,913,800	2043	* *	3	$23,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout 1952 Portion								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Classrooms Throughout 1952 Portion								
Wood	5%			2048	* *	5	$23,200	
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Gymnasium								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	30%			2046	* *	5	$148,200	
Recent Construction, Extent : N/A, Area Affected : 35%								
Location : 2017 Addition								
Concrete Masonry Unit	5%			LIFE	* *	5	$19,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$39,500	
Glazed Ceramic Panel	2%	2-4	$37,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gypsum Board	20%			LIFE	* *	5-10	$168,000	
Plaster	20%	Now	$120,200	LIFE	* *	5	$29,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads 4 And 5								
SGFT/Glazed Masonry	13%			LIFE	* *	10	$32,100	
Ceilings								
AcousTileConcealSpLn	5%	2-4	$9,400	2038	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	60%			2046	* *	5	$139,700	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$43,600	
Plaster	20%			LIFE	* *	5-10	$80,000	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	70%			2068	* *			
Masonry: Brick	15%			2043	* *			
Masonry: Fieldstone	15%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%			2046	* *			
Pavers/Stone	10%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	75%			2042	* *			
Pavers/Stone	25%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Main Service Disconnect Switches Rated At 3,000, 2,000 Amperes And 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$700	
Raceway								
Conduit	30%			2033	$101,100	1		
Conduit	70%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$33,900	5	$400	
Fused Knife Sw	5%			2032	$17,000	5	$200	
Fused Toggle Switch	5%			2032	$17,000	5	$200	
Molded Case Bkrs	60%			2049	* *	5	$2,700	
Molded Case Bkrs	20%			2032	$67,900	5	$900	
Wiring								
Braided Cloth	10%			2032	$44,900	1		
Thermoplastic	90%			2053	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	$18,100	5	$100	
Locally Mounted	60%			2046	* *	5	$700	
Variable Frequency Drive	30%			2046	* *			
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$52,900	
Generators								
Diesel	100%			2042	* *	1	$66,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Enclosure								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$6,400	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Generator Enclosure								
Explanation : 275 Gallon Rated Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	88%			2038	* *	10	$138,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$3,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Ground Floor Corridor								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Service	40%			2038	* *	1		
Emergency, Battery	10%			2033	$28,900	10	$4,200	
Exit, Service	10%			2028	$7,400	1		
Exit, Battery	40%			2038	* *	10	$4,600	
Exterior Lighting								
LED	10%			2038	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,200	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$32,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%	Now	$16,100	2038	* *	1	$28,900	
Devices Damaged, Extent : Light, Area Affected : 50%								
Location : Motion Sensors Not Operational Throughout The Building								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$106,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building - Basement (Serves Steam Boilers)								
Natural Gas	60%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition								
Explanation : Serves Hot Water Boiler And Domestic Water Heater								
Conversion Equipment								
Hot Water Boiler	60%			2046	* *	1	$51,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Penthouse								
Explanation : 3 Units								
Steam Boiler	40%			2050	* *	1	$68,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building								
Distribution								
Hot Wtr Piping/Pump	60%			2049	* *	4	$7,600	
Steam Piping/Pump	40%			2059	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	25%			2038	* *	1	$13,900	
Convector/Radiator	10%			2046	* *	1	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition								
Explanation : Baseboard Heaters								
Fan Coil Unit/Heat	5%			2033	$213,200	1	$2,800	
Unit Heater - Hot Water	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Toilet Rooms, Storage Rooms								
Explanation : Cabinet Unit Heaters								
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Addition Roof								
Explanation : 3 Rooftop Package Units Utilizes Gas For Heating. Refer To Air-conditioning Section For Cooling Description.								
Controls								
Digital	60%	Now	$296,400	2031	$2,963,900			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Addition - Throughout								
Software Issue Suspected, Extent : Moderate, Area Affected : 100%								
Location : Building Addition - Throughout								
Electrical	40%			2032	$382,500			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building								
Air Conditioning								
Energy Source								
Electricity	40%			2041	* *	1		
Electricity	60%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2038	* *	1	$39,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition Roof								
Explanation : 2 Units. R-410a Refrigerant.								
Split Unit	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition Roof								
Explanation : 7 Units. R-410a Refrigerant.								
Window/Wall Unit	20%			2028	$130,300	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Original Building - Various Locations								
Explanation : Locations Observed.								
No Component	20%							

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2053	* *	4	$7,600	
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2038	* *	1	$53,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition Roof								
Explanation : 3 Units.								
Fan Coil - 2 Pipe	10%			2038	* *	1	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition								
Explanation : Chilled Beams								
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	60%			2038	* *	2	$71,900	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$91,100	
No Component	40%							
Exhaust Fans								
Roof	40%			2041	* *	2	$2,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building								
Roof	60%			2038	* *	2	$3,200	
Energy Recovery Ventilator								
No Component	50%							
Generic	50%			2034	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Roof								
Explanation : Desiccant Wheel Type Associated With Rooftop Units.								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building - Throughout								
Brass/Copper	60%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition								
Explanation : Piping Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	60%			2031	$10,200	2		
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Building Addition Penthouse							
	Explanation : 1 Unit: 90,000 Btu/hr Input							
No Component	40%							
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
	Recent Installation, Extent : N/A, Area Affected : 100%							
	Location : Original Building - Throughout							
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Original Building - Throughout							
	Explanation : Sanitary Piping To Plumbing Fixtures.							
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Original Building							
	Explanation : Original Stormwater Piping							
Sump Pump(s)								
Submersible	100%			2028	$5,300	4	$5,500	
	Recent Installation, Extent : N/A, Area Affected : 100%							
	Location : Original Building - Basement							
Sewage Ejector(s)								
Electric	60%			2038	* *	4	$4,100	
Electric	40%			2041	* *	4	$4,100	
	Recent Installation, Extent : N/A, Area Affected : 100%							
	Location : Original Building - Basement							
Backflow Preventer								
Generic	100%			2038	* *	1	$10,500	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Original Building: Room G1, Fan Room C2 Crawlspace; Building Addition - Room G27b							
	Explanation : 3 Units.							
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2032	$32,400	2		
	Recent Installation, Extent : N/A, Area Affected : 100%							
	Location : Original Building - Boiler Room							
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Original Building - Boiler Room							
	Explanation : 1 Unit: 90,000 Btu/hr Input							

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Hot Water Storage Tank								
Generic	60%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Boiler Room								
Explanation : Estimated 100 Gallons								
Generic	40%			2041	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Addition Penthouse								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition Penthouse								
Explanation : Estimated 100 Gallons								
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Two Passenger Units Travel From 2nd Floor To 4th Floor								
Explanation : 2 Traction Units								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Passenger Unit Travels From Ground To 1st Floor; One Freight Unit Travels From Streel Level To Ground Floor								
Explanation : 2 Hydraulic Units.								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2053	* *	1-5	$52,000	
Sprinkler								
No Component	37%							
Generic	3%			2043	* *	1-2	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Original Building - Basement								
Explanation : Limited Area								
Generic	60%			2053	* *	1-2	$28,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Throughout								
Explanation : Full Coverage								
Fire Pump								
No Component	40%							
Generic	60%			2042	* *	1	$19,300	
Chemical System								
Generic	100%			2031	$550,800	1-3	$502,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood: 135 Square Feet - 27-ft L X 5-ft W.								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 11 - SI**		
Address	: **50 JEFFERSON STREET @CROMWELL AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R011**
Program / Asset #	: **BOE0905.000 / 1441**	**Yr Built/Renovated**	: **1921 / 2017**
Area Sq Ft	: **39,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **3303** **Lot** : **18**	**BIN**	: **5048647**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$384,900	$511,800
Interior Architecture	$308,700	$1,438,200
Electrical	$134,300	$864,900
Mechanical	$730,100	$448,600
Total	**$1,558,100**	**$3,263,500**
Importance Code A	$384,900	$511,800
Importance Code B	$1,040,300	$2,751,700
Importance Code C	$132,800	
Total	**$1,558,100**	**$3,263,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$57,000			
Interior Architecture	$140,300			$1,800
Electrical	$118,400	$3,600	$3,900	$4,400
Mechanical	$65,200	$5,400	$31,500	$5,400
Site Enclosure	$34,900			
Site Pavements	$41,400			
Total	**$457,300**	**$9,000**	**$35,400**	**$11,600**
Importance Code A	$63,800	$3,900	$3,900	$3,900
Importance Code B	$291,700	$5,100	$31,500	$7,700
Importance Code C	$101,700			
Total	**$457,300**	**$9,000**	**$35,400**	**$11,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	10%	4+	$34,500	2053	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Masonry: Brick	75%	Now	$148,700	LIFE	* *	5	$36,100	
Repointing Failure, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Masonry: Granite	10%	0-2	$7,600	LIFE	* *	5	$3,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%	0-2	$181,600	2049	* *	5	$3,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$10,900	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Brick	90%	2-4	$54,700	LIFE	* *	5	$4,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2033	$511,800	10	$43,900	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,500	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$10,000	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$26,500	2036	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	Now	$51,500	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair Treads								
Terrazzo	5%	Now	$22,000	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Lobby								
Vinyl Tile	15%	Now	$58,400	2033	$194,700	3	$2,600	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Cafeteria And 2nd Floor Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor And Cafeteria								
Vinyl Tile 9" X 9"	15%			2033	$1,243,600	3	$3,500	
Wood	50%			2048	* *	5	$44,000	
Interior Walls								
Ceramic Tile	10%	Now	$27,300	2036	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,900	
Masonry: Brick	20%			LIFE	* *	10	$6,000	
Marble Panels	5%	4+	$43,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	Now	$132,800	LIFE	* *	5	$16,400	
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Rooms 204, 303, 306, 309, 351 And Throughout								
Ceilings								
Plaster	100%	Now	$66,000	LIFE	* *	5	$27,100	
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Room 303								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2043	* *			
Iron Picket	25%	0-2	$8,600	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$26,300	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	75%	0-2	$12,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Masonry: Granite	25%			LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	90%	0-2	$29,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Rubber Matting	10%			2033	$12,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2033	$7,900	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	35%			2033	$7,900	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2033	$6,800	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$130,000	5	$200	
Raceway								
Conduit	90%			2033	$55,100	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2032	$15,000	5	$100	
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	65%	2-4	$64,900	2058	* *	5	$300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2041	* *	5	$100	
Wiring								
Braided Cloth	90%	0-2	$69,500	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	92%			2028	$534,900	10	$32,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
LED	4%	Now	$43,200	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Lights Are Not Working								
Egress Lighting								
Emergency, Battery	50%			2033	$32,700	10	$4,700	
Exit, Battery	50%			2033	$27,600	10	$1,300	
Exterior Lighting								
HID	10%			2028	$18,200	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$73,200	1	$14,600	
Fire/Smoke Detection								
Generic, Analog	100%	4+	$40,200	2043	* *	1-3	$21,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Components								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$6,800	2038	* *	1	$34,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Both Boilers Leak Oil								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$31,200	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Condensate Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	15%			2028	$110,100	1	$3,600	
Convector/Radiator	75%			2038	* *	1	$9,500	
Fan Coil Unit/Heat	10%			2033	$96,700	1	$1,300	
Controls								
Electrical	10%			2026	$21,700			
Pneumatic	90%			2027	$678,400			
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Miff And Library								
Explanation : 2 Units								
Window/Wall Unit	70%	Now	$51,700	2028	$103,400	1		
Broken, Extent : Severe, Area Affected : 50%								
Location : Classrooms								
No Component	20%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$6,300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$34,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2038	* *	2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : Toilet Exhaust								
Interior	80%			2028	$138,400	2	$1,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$10,000	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Room 152								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Room 152								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Two Water Mains								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 100 Gallon. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,600	2038	* *	4	$800	
Broken, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Mechanical Room1 Of 2 Pumps								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 12 - Q**
Address : **42-00 72 STREET @WOODSIDE AVE.**
Borough : **QUEENS**
Program / Asset # : **BOE0676.000 / 318**
Area Sq Ft : **106,971**
Date of Survey : **16-Dec-2019**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1349** **Lot** : **28**

Agency's Number : **Q012**
Yr Built/Renovated : **1929 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4031853**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,754,700	$1,128,300
Interior Architecture	$748,500	
Electrical	$287,000	$236,500
Mechanical	$1,022,200	$2,275,400
Site Pavements	$50,300	
Total	**$3,862,700**	**$3,640,200**
Importance Code A	$1,754,700	$1,128,300
Importance Code B	$1,883,100	$2,511,900
Importance Code C	$224,800	
Total	**$3,862,700**	**$3,640,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$122,700		$9,700	$2,800
Interior Architecture	$182,700	$8,000	$7,500	$18,000
Electrical	$11,200	$15,000	$14,300	$11,600
Mechanical	$72,800	$16,200	$31,800	$29,200
Site Enclosure	$24,400			
Site Pavements	$26,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$447,900**	**$47,100**	**$71,200**	**$69,500**
Importance Code A	$131,500	$8,700	$18,700	$11,600
Importance Code B	$256,400	$33,600	$52,500	$54,900
Importance Code C	$60,000	$4,800		$3,000
Total	**$447,900**	**$47,100**	**$71,200**	**$69,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	$247,800	LIFE	* *	5	$60,200	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Foundation In Oil Tank Room, Exit 6 And 7								
Masonry: Brick Cavity	35%			LIFE	* *	5	$52,700	
Masonry: Brick Cavity	15%	Now	$196,600	LIFE	* *	5	$22,600	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : 1985 Building								
Weepholes Not Funct, Extent : Moderate, Area Affected : 10%								
Location : 1985 Building								
Masonry: Granite	2%			LIFE	* *	5	$2,300	
Masonry: Limestone	5%	4+	$59,200	LIFE	* *	5	$5,600	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Corner Condition Of 1928 Building								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Horizontal Bands And Entry Pediments								
Pre-Cast Concrete	3%			LIFE	* *	5	$14,700	
Windows								
Aluminum	50%	Now	$339,100	2039	* *	5	$7,100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : 1928 Building								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : 1928 Building								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1928 Building								
Aluminum	25%	Now	$67,800	2039	* *	5	$3,600	
Hardware Missing, Extent : Severe, Area Affected : 25%								
Location : 1985 Building								
Aluminum	20%			2047	* *	5	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2005 Building								
Explanation : Hopper Windows								
Metal Louvers	5%			2034	* *	10	$8,900	
Parapets								
Cast in Place Concrete	15%			LIFE	* *	5	$35,000	
Masonry: Brick	45%			LIFE	* *	5	$10,200	
Masonry: Brick Cavity	15%			LIFE	* *	5	$3,400	
Masonry: Brick Cavity	15%			LIFE	* *	5	$3,400	
Masonry: Limestone	5%	4+	$28,000	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 1928 Building								
Staining/Discoloring, Extent : Severe, Area Affected : 30%								
Location : 1928 Building								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	3%			2046	* *	10	$7,600	
IRMA/Protected Membrane	25%			2031	$603,000	10	$25,500	
IRMA/Protected Membrane	35%	Now	$42,200	2026	$844,100			
Vegetation Growth, Extent : Moderate, Area Affected : 10% *Location : 1985 Building*								
Modified Bitumen	35%	4+	$39,000	2031	$390,000			
Alligatoring, Extent : Light, Area Affected : 10% *Location : Seams On 1928 Building* *Ponding, Extent : Moderate, Area Affected : 10%* *Location : 1928 Building*								
Single Ply Membrane	2%			2036	* *	10	$2,000	
Soffits								
Stucco Cement	100%	4+	$4,700	2036	* *	5	$2,700	
Recent Repair Evident, Extent : N/A, Area Affected : 10% *Location : Front Facade* *Staining/Discoloring, Extent : Light, Area Affected : 30%* *Location : Front Facade*								
Interior								
Floors								
Cast in Place Concrete	10%	4+	$27,200	LIFE	* *	5	$35,000	
Paint Peeling, Extent : Light, Area Affected : 10% *Location : Basement 1928 Building*								
Ceramic Tile	4%			2040	* *	5	$6,400	
Ceramic Tile	1%			2034	* *	5	$1,600	
Quarry Tile	3%	4+	$7,100	2036	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5% *Location : Kitchen Entry From Cafeteria* *Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%* *Location : Kitchen*								
Terrazzo	2%	4+	$6,000	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5% *Location : 1928 Building At Exit 8*								
Vinyl Tile	50%			2036	* *	3	$40,000	
Vinyl Tile 9" X 9"	25%	Now	$353,200	2041	* *	3	$15,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 20% *Location : Perimeter Of Rooms In Classrooms 1928 Building*								
Wood	5%			2046	* *	5	$15,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	1%	Now	$79,100	2046	* *	5	$1,200	
Adhesion Failure, Extent : Severe, Area Affected : 35%								
Location : Three Bathrooms In 1985 Building								
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Three Bathrooms In 1985 Building								
Ceramic Tile	4%			2040	* *	5	$9,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,600	
Folding Partition	1%			2047	* *	5	$6,000	
Gypsum Board	20%			LIFE	* *	5	$28,800	
Masonry: Brick	3%	Now	$27,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Foundation In Oil Tank Room								
Plaster	50%	Now	$145,700	LIFE	* *	5	$35,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1985 Building, Stairwells Computer Laboratory And Classrooms								
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	1%			LIFE	* *	5	$9,600	
Ceilings								
AcousTile,Adhered	25%	4+	$25,800	2036	* *	5	$20,000	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 1985 Building Corridors								
AcousTileSusp.Lay-In	30%	4+	$16,000	2044	* *	5	$24,000	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : 2005 Building								
Exposed Struc: Concrete	5%	2-4	$24,000	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Exposed Struc: Steel	2%	4+	$38,500	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : 2005 Bulkhead								
Metal Panel	3%			LIFE	* *	5	$6,000	
Plaster	35%	Now	$170,400	LIFE	* *	5	$35,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Buklhead, Stairwells And Classrooms								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : First And Second Floor Corridors Of 1928 Building								
Vertical Cracks, Extent : Severe, Area Affected : 1%								
Location : Window At Bulkhead								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%	Now	$6,900	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 65%								
Location : Woodside Avenue								
Impact Damage, Extent : Severe, Area Affected : 10%								
Location : 69th Street And Woodside Avenue								
Iron Picket	75%	Now	$9,000	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Free Standing Walls								
Concrete Masonry Unit	35%			2051	* *			
Masonry: Brick	65%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$8,500	2051	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : 43rd Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$50,300	2036	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Around Trees At 43rd Avenue, Woodside Avenue And 72nd Street								
On-Site Walkways								
Cast in Place Concrete	70%			2036	* *			
Masonry: Granite	10%	Now	$16,700	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 72nd Street Entries								
Pavers/Stone	20%			2040	* *			
Activity Yard								
Asphalt	75%	0-2	$9,400	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Play Area								
Cast in Place Concrete	25%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2061	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement In Old Wing								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In New Wing								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In Old Wing								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2051	* *	5	$100	
Fused Disc Sw	70%			2061	* *	5	$300	
Raceway								
Conduit	50%			2031	$121,900	1		
Conduit	30%			2051	* *	1		
Conduit	20%			2061	* *	1		
Panelboards								
Fused Disc Sw	8%			2047	* *	5	$200	
Fused Disc Sw	2%			2056	* *	5	$100	
Molded Case Bkrs	30%			2047	* *	5	$800	
Molded Case Bkrs	50%			2056	* *	5	$1,400	
Molded Case Bkrs	10%			2030	$24,000	5	$300	
Wiring								
Braided Cloth	50%	2-4	$170,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2051	* *	1		
Thermoplastic	20%			2061	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$400	
Locally Mounted	20%			2051	* *	5	$100	
Variable Frequency Drive	30%			2044	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$800	
Generic	50%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$32,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2040	* *	1	$41,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 200 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,000	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$98,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	20%			2036	* *	1		
Emergency, Battery	20%			2041	* *	10	$5,200	
Emergency, Battery	10%			2026	$18,000	10	$2,600	
Exit, Service	20%			2036	* *	1		
Exit, Service	30%			2041	* *	1		
Exterior Lighting								
HID	5%			2041	* *	10		
HID	15%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$12,000	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$20,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	65%			2057	* *	5	$21,500	
Natural Gas	35%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	35%			2036	* *	1	$18,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 4 Rooftop Package Units								
Steam Boiler	65%			2048	* *	1	$68,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	65%	0-2	$11,100	2031	$556,800			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations In Old Wing								
No Component	35%							
Terminal Devices								
Air Handler	15%			2026	$302,000	1	$9,900	
Convector/Radiator	30%	0-2	$5,200	2036	* *	1	$9,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations In Old Wing								
Fan Coil Unit/Heat	20%	0-2	$10,600	2026	$530,400	1	$6,200	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
No Component	35%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	35%			2031	$629,000	2	$2,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Package Units, New Wing Roof								
Window/Wall Unit	40%			2029	$162,100	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%	0-2	$14,100	LIFE	* *	2-5	$8,900	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Building Management System, Throughout								
Ductwork/Diffusers	85%			LIFE	* *	2-5	$50,700	
Exhaust Fans								
Interior	40%			2026	$189,800	2	$1,300	
Roof	60%			2036	* *	2	$2,000	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%	0-2	$8,200	2029	$409,700	1		
Loose, Extent : Moderate, Area Affected : 30%								
Location : Valves In Old Wing								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	10%	0-2	$6,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Cross Bay Area Of Old Wing								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$2,300	
Backflow Preventer								
Generic	100%			2031	$47,800	1	$6,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	45%							
Generic	55%			2051	* *	1-5	$30,800	
Sprinkler								
No Component	65%							
Generic	35%			2031	$517,800	1-2	$10,500	
Fire Pump								
No Component	45%							
Generic	55%	0-2	$2,800	2034	* *	1	$9,900	
Corroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 13 - BK**		
Address	: **557 PENNSYLVANIA AVENUE @RIVERDALE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K013**
Program / Asset #	: **BOE0349.000 / 334**	**Yr Built/Renovated**	: **1975 / 2011**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **3823** **Lot** : **1**	**BIN**	: **3085070**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$152,700	$772,700
Interior Architecture	$51,000	$2,073,200
Electrical	$75,600	$661,600
Mechanical	$695,900	$1,552,600
Total	**$975,100**	**$5,060,100**
Importance Code A	$152,700	$1,243,400
Importance Code B	$822,400	$3,816,800
Total	**$975,100**	**$5,060,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$41,100			$4,800
Interior Architecture	$137,200			$9,400
Electrical	$16,900	$1,400	$97,600	$900
Mechanical	$57,800	$11,400	$31,400	$15,900
Site Pavements	$39,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$296,000**	**$16,800**	**$132,900**	**$35,000**
Importance Code A	$46,400	$5,300	$5,500	$10,200
Importance Code B	$162,600	$11,400	$127,400	$24,900
Importance Code C	$87,000			
Total	**$296,000**	**$16,800**	**$132,900**	**$35,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$152,700	LIFE	* *	5	$92,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Building Corners At Ground Level								
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Activity Yard Facades								
Painted Surfaces, Extent : Light, Area Affected : 15%								
Location : Band At Ground Level								
Pre-Cast Concrete	5%			LIFE	* *	5	$15,900	
Windows								
Aluminum	95%			2047	* *	5	$9,700	
Metal Louvers	5%			2040	* *	10	$3,200	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Ground Level Louvers								
Explanation : Covered With Clear Plastic								
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$4,500	
Metal Rail	5%			2044	* *	5-10	$20,400	
Pre-Cast Concrete	75%			LIFE	* *	5	$106,600	
Recent Repair Evident, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$28,700	2031	$573,400			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Expansion Joint At Lower Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,800	
Ceramic Tile	5%	Now	$51,000	2034	* *	5	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Bathrooms								
Terrazzo	2%			LIFE	* *	5	$1,400	
Vinyl Tile	83%	Now	$41,500	2031	$2,073,200	3	$28,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Corridors								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 2%								
Location : First Floor Drinking Fountains								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : First Floor Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$23,600	2040	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Bathrooms And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,400	
Plaster	60%	Now	$25,000	LIFE	* *	5	$15,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$38,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Drinking Fountain								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Outside Classroom 105								
Ceilings								
AcousTileConcealSpLn	30%	Now	$8,700	2036	* *	5	$17,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,400	
Metal Panel	5%			LIFE	* *	5	$5,700	
Plaster	55%			LIFE	* *	5	$31,100	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Activity Yard And Parking Area								
Iron Picket	25%			2066	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Courtyard Activity Yard								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Grade Changes At Activity Yards								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Below Fence Posts								
Explanation : Rust Staining								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	70%			2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Livonia Avenue End Of Activity Yard								
Cast in Place Concrete	30%			2036	* *			
Activity Yard								
Asphalt	95%	0-2	$39,100	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Activity Yard								
Rubber Matting	5%			2031	$48,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$22,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$200	
Raceway								
Conduit	95%			2031	$137,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$14,000	5	$100	
Molded Case Bkrs	70%			2030	$97,800	5	$1,000	
Molded Case Bkrs	20%			2047	* *	5	$300	
Wiring								
Thermoplastic	78%			2031	$155,700	1		
Thermoplastic	20%			2051	* *	1		
Thermoplastic	2%	Now	$800	2031	$4,000	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : No Power To 3 Fans								
Motor Controllers								
Locally Mounted	100%	Now	$1,400	2029	$71,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Explanation : No Power To 3 Fans								
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	86%	2-4	$13,800	2036	* *			
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2036	* *	10	$5,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	4%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$45,300	10	$6,500	
Exit, Service	50%			2026	$11,600	1		
Exterior Lighting								
HID	30%			2026	$75,600	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Controlled Via Timer								
No Component	70%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2036	* *	1	$2,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$27,900	1-3	$6,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$16,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 Units 7,500 Gallon Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2029	$470,700	1	$53,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$21,600	2051	* *			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pump In Fan Room Basement								
Terminal Devices								
Air Handler	5%	0-2	$1,000	2031	$50,800	1	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control Valve In Basement								
Convector/Radiator	85%			2036	* *	1	$14,800	
Fan Coil Unit/Heat	10%			2031	$133,900	1	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2026	$79,700	1	$2,500	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Chillers								
Split Unit	5%			2031	$64,100			
Window/Wall Unit	85%			2029	$173,900	1		
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2041	* *	4	$800	
Ductwork/Diffusers	20%			LIFE	* *	2	$14,000	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	30%	0-2	$6,300	2031	$314,300	1	$9,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Pneumatic Controls Various								
Fan Coil - 4 Pipe	30%			2026	$616,200	1	$5,200	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Ist Floor								
Explanation : Ist Floor Only With Supplemental Window Air Conditioners								
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2031	$23,500	2	$5,600	
No Component	85%							
Ventilation								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$15,100	
No Component	50%							
Exhaust Fans								
Interior	20%			2036	* *	2	$300	
Roof	80%	Now	$16,800	2031	$83,800	2	$1,100	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$261,100	4	$5,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$1,700	4	$1,700	
Sewage Ejector(s)								
Electric	100%			2031	$28,300	4	$2,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Passenger Unit And One Handicap Unit								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$28,200	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 13 - Q**
Address : **55-01 94 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0677.000 / 319**
Area Sq Ft : **179,000**
Date of Survey : **15-Nov-2019**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1901** **Lot** : **40**

Agency's Number : **Q013**
Yr Built/Renovated : **1931 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4437297**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,755,600	$261,200
Interior Architecture	$5,777,000	$165,000
Electrical	$312,000	$724,900
Mechanical	$891,700	$3,295,200
Total	**$9,736,400**	**$4,446,300**
Importance Code A	$2,755,600	$261,200
Importance Code B	$6,780,100	$4,185,100
Importance Code C	$200,700	
Total	**$9,736,400**	**$4,446,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$55,900		$15,100	$14,900
Interior Architecture	$99,400	$27,100	$12,800	$26,500
Electrical	$17,800	$22,800	$40,600	$17,500
Mechanical	$64,500	$44,700	$36,800	$46,600
Site Enclosure	$43,700		$2,100	
Site Pavements	$50,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$339,900**	**$102,500**	**$115,300**	**$113,400**
Importance Code A	$68,300	$12,400	$27,800	$27,300
Importance Code B	$213,000	$71,100	$85,300	$86,100
Importance Code C	$58,600	$18,900	$2,100	
Total	**$339,900**	**$102,500**	**$115,300**	**$113,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - Q

Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$7,100	
Masonry: Brick	50%	Now	$467,500	LIFE	* *	5	$113,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads And At Window Lintels In 1930s Buildings								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stair A Bulkhead Of 1930s And 1960s Buildings								
Masonry: Brick Cavity	8%			LIFE	* *	5	$18,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Dark Brick								
Masonry: Brick Cavity	10%			LIFE	* *	5	$22,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Standard Red Brick								
Masonry: Granite	2%			LIFE	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 1930s And 1960s Buildings								
Explanation : Granite Base Is Painted On The Auditorium Portion								
Masonry: Limestone	3%	Now	$161,000	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Limestone Corners								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Horizontal Bands Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Horizontal Bands Throughout And Entry Door Cornices								
Metal Panel	2%			2051	* *	5-10	$31,200	
Pre-Cast Concrete	15%			LIFE	* *	5	$110,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$36,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Custom Sized Pre Cast Panels								

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Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Windows								
Aluminum	40%	Now	$1,034,600	2056	* *	5	$10,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 80%								
Location : Throughout 1930s And 1960s Buildings								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Courtyard Window Exteriors								
Glazing Clouded, Extent : Severe, Area Affected : 75%								
Location : Throughout 1930s And 1960s Buildings								
Aluminum	55%			2047	* *	5	$29,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Windows								
Metal Louvers	5%	2-4	$7,500	2034	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout 1930s And 1960s Buildings								
Parapets								
Concrete Masonry Unit	30%	0-2	$44,600	LIFE	* *	5	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2010 Building								
Explanation : Concrete Covered With Modified Bitumen Membrane, Membrane Bulging And Bubbling								
Masonry: Brick	45%	Now	$136,700	LIFE	* *	5	$10,800	1
Efflorescence, Extent : Severe, Area Affected : 15%								
Location : Throughout 1930s And 1960s Buildings								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout 1930s And 1960s Buildings								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 50%								
Location : Throughout 1930s And 1960s Buildings								
Vegetation Growth, Extent : Severe, Area Affected : 15%								
Location : Interior And Exterior Portion Of Parapet Of 1930s Building								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Throughout 1930s And 1960s Buildings								
Masonry: Limestone	10%	Now	$59,500	LIFE	* *	5	$3,000	
Staining/Discoloring, Extent : Severe, Area Affected : 30%								
Location : West Facade Of 1930s Building								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : 1930s Building								
Explanation : Horizontal And Spider Cracks On Coping Stone								
Metal Panel	5%			2051	* *	5	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1960s Buildings								
Explanation : Aluminum Copping								
Pre-Cast Concrete	10%			LIFE	* *	5	$15,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Copings								

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Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	50%	4+	$821,400	2041	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : 1930s Building								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout 1930s And 1960s Buildings								
Water Penetration, Extent : Light, Area Affected : 25%								
Location : Expansion Joint At Second Floor And Throughout 1930s Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout 1930s And 1960s Buildings								
Explanation : Roofs								
Copper/Terne	2%	Now	$3,700	2046	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stair A Bulkhead								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1930s Building								
Explanation : Bulkhead								
IRMA/Protected Membrane	45%	0-2	$74,900	2036	* *			
Expansion Joint Failure, Extent : Moderate, Area Affected : 10%								
Location : Joint Between 1930 And 2010 Buildings								
Gravel/Stone Ballast, Extent : Light, Area Affected : 90%								
Location : 2010 Buildings								
Paver Block Ballast, Extent : Light, Area Affected : 10%								
Location : 2010 Buildings								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : 2010 Buildings								
Modified Bitumen	3%			2036	* *	10	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Canopies								
Soffits								
Metal Panel	100%			2051	* *	5-10		
Interior								

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Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2030	$96,300	3	$10,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Library								
Explanation : Wall To Wall Carpet								
Cast in Place Concrete	10%			LIFE	* *	5	$59,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells, Basement And Sub-basement								
Explanation : Epoxy Coated								
Ceramic Tile	6%			2040	* *	5	$16,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010, 1930s And 1960s Buildings								
Explanation : Bathrooms								
Marble Panels	2%			LIFE	* *	5	$4,100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : 1930s Building Entries								
Explanation : Steps								
Quarry Tile	2%			2044	* *	5	$8,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Red Quarry Tile								
Terrazzo	3%	4+	$15,300	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1930 Building Original Entrance Lobbies								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout 1930s And 2010 Buildings								
Explanation : Main Lobby Entry In 2010 Building And Original Entries In 1930s Building								
Vinyl Tile	60%	2-4	$225,600	2036	* *	3	$61,300	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Third Floor Corridor Of 1930s Building								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1930s And 1960s Buildings								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1930s, 1960s And 2010 Buildings								
Explanation : Vinyl Tile								
Vinyl Tile 9" X 9"	10%	Now	$96,100	2026	$4,804,900	3	$10,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Main Office, Classrooms 311 And 362 In 1930s Building								
Wood	5%			2046	* *	5	$25,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1960s And 2010 Buildings								
Explanation : Gymnasium And Auditorium Stage								

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Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$72,000	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 1930s Building Exterior Facing Basement Wall								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Of 1930s Building								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1930s Building								
Explanation : Basement								
Ceramic Tile	20%			2040	* *	5	$37,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2010, 1930s And 1960s Buildings								
Explanation : 2010 Building Corridor, Sidings 2010 Corridors, Main Entry And Cafeteria								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1930s And 2010 Building								
Explanation : Stairwells And Basement								
Folding Partition	3%	Now	$78,600	2039	* *	5	$7,100	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 1960s Building Gymnasium, Auditorium								
Gypsum Board	20%			LIFE	* *	5	$22,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Building								
Explanation : Classrooms And Corridors								
Metal: Cage/Fence	4%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1930s Building								
Explanation : Metal And Some Glass At Stairwells								
Marble Panels	3%	4+	$50,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 1930s Building Stairwell And Entries								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1930s Building								
Explanation : Entries And Stairwells								
Plaster	30%	Now	$27,600	LIFE	* *	5	$17,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stair A On Third Floor At 1930s Building								
SGFT/Glazed Masonry	10%			LIFE	* *			

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Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$87,600	2036	* *	5	$17,000	
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : 1930s Buildings Corridors								
AcousTileSusp.Lay-In	40%	2-4	$362,100	2048	* *	5	$54,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Third Floor								
Misaligned/Bulging, Extent : Light, Area Affected : 50%								
Location : Throughout 2010 Building								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Throughout Third Floor								
Exposed Struc: Concrete	5%			LIFE	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1930s Building								
Explanation : Basement								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$17,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1930s And 2010 Buildings								
Explanation : Soffits And Some Bathroom Ceilings								
Metal Panel	5%			LIFE	* *	5	$17,000	
Plaster	30%	Now	$49,700	LIFE	* *	5	$51,000	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stair A On Third Floor At 1930s Building								
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%			2036	* *	5-10	$3,500	
Chain Link	35%	Now	$3,900	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Children's Play Area Fence And Gate								
Iron Picket	35%	0-2	$21,300	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : 94th Street And 55th Avenue								
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Along 94th Street								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Along 94th Street								
Iron Picket	25%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 56th Avenue								
Explanation : At New Building								
Retaining Walls								
Cast in Place Concrete	95%	Now	$18,600	2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Along 94th Street And Areaway In Courtyard								
Masonry: Brick	5%			2041	* *			

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Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$35,600	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 94th Street And 55th Avenue								
On-Site Walkways								
Cast in Place Concrete	80%			2044	* *			
Masonry: Granite	10%	4+	$4,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Entry Steps To 1930s Building								
Pavers/Stone	10%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Building								
Explanation : Main Entry And Activity Yard Entry								
Parking/Driveway								
Asphalt	100%	0-2	$1,500	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lot Entrance From 55th Avenue								
Activity Yard								
Asphalt	90%	2-4	$5,600	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Rubber Matting	10%	2-4	$3,700	2031	$36,800			
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Enclosed Play Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement Old Wings								
Explanation : One 3,000 Amperes For Rooftop Unit, Four 1,200 Amperes For A, B, C Wings And Automatic Transfer (High Pressure Contact) Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2031	$195,100	5	$500	
Fused Disc Sw	40%			2051	* *	5	$300	
Raceway								
Conduit	40%			2051	* *	1		
Conduit	60%			2031	$202,300	1		

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Asset # : 319

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	6%			2047	* *	5	$200	
Fused Disc Sw	4%			2030	$13,600	5	$200	
Molded Case Bkrs	40%			2047	* *	5	$1,900	
Molded Case Bkrs	50%			2030	$169,600	5	$2,400	
Wiring								
Braided Cloth	40%	2-4	$179,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wings Throughout The Building								
Thermoplastic	60%			2051	* *	1		
Motor Controllers								
Locally Mounted	40%			2029	$72,600	5	$500	
Locally Mounted	60%			2044	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$55,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old And New Wings Building								
Explanation : Four Automatic Transfer Switches For Elevator, Fire Pump, Sprinkler Booster Pump And Emergency Lightings For A New Wing								
Generators								
Diesel	100%			2040	* *	1	$69,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement Old Wing Building								
Explanation : One 350 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$6,600	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement Old Wing								
Explanation : One 275 Gallons								
Lighting								

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Asset # : 319

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	40%			2036	* *	10	$65,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	50%			2039	* *	10	$82,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Explanation : T-8 Lamps								
Fluorescent	4%			2036	* *	10	$6,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Lobby On New Wing								
Fluorescent	2%			2039	* *	10	$3,300	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Library								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Service	20%			2036	* *	1		
Emergency, Battery	20%			2026	$60,100	10	$8,600	
Emergency, Battery	10%			2039	* *	10	$4,300	
Exit, Service	20%			2036	* *	1		
Exit, Service	10%			2039	* *	1		
Exit, Service	20%			2026	$15,400	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$1,500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$13,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$22,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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Asset # : 319

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	60%			2051	* *	1		
Interruptible Gas/Dual Fuel	40%	Now	$3,300	2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Fuel Annunciator Panel Not Functioning								
Conversion Equipment								
Furnace	60%			2036	* *	1	$53,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 7 Rooftop Package Units								
Steam Boiler	40%			2044	* *	1	$70,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	60%			2041	* *			
No Component	40%							
Terminal Devices								
Air Handler	10%			2026	$336,800	1	$11,100	
Convector/Radiator	30%			2029	$439,100	1	$17,300	
Convector/Radiator	5%			2036	* *	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways Of New Wing								
Explanation : Electric Baseboard								
No Component	55%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	60%			2031	$1,804,400	2	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 7 Rooftop Package Units, R-407 Refrigerant								
Split Unit	5%			2031	$212,500			
Window/Wall Unit	35%			2026	$237,300	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various								
Explanation : Old Wing								
Heat Rejection								
Air Cooled Condenser Unit	80%			2041	* *	2	$99,700	
No Component	20%							
Ventilation								

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Asset # : 319

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$39,900	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$59,900	
Exhaust Fans								
Interior	40%			2026	$317,600	2	$2,200	
Roof	60%			2031	$208,400	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$457,000	1		
Water Heater With Tanks								
Gas Fired	65%			2024	$11,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Old Wing								
Gas Fired	35%			2029	$6,000	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves New Wing								
Sanitary Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%	4+	$27,100	LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various								
Explanation : Intermittent Blockage								
Storm Drain Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$35,800	4	$3,800	
Sewage Ejector(s)								
Electric	100%	4+	$1,900	2031	$93,700	4	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Intermittent Clogging								
Backflow Preventer								
Generic	100%			2031	$79,900	1	$11,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - Q

Asset # : 319

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	40%							
Generic	60%			2041	* *	1-2	$30,100	
Fire Pump								
No Component	40%							
Generic	60%			2034	* *	1	$20,100	
Chemical System								
No Component	98%							
Generic	2%			2026	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 13 - SI**		
Address	: **191 VERMONT AVENUE @HYLAN BLVD.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R013**
Program / Asset #	: **BOE0906.000 / 2756**	**Yr Built/Renovated**	: **1981 / 2005**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **2852** **Lot** : **1**	**BIN**	: **5042776**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$82,000	$156,400
Electrical		$988,400
Mechanical	$558,100	$1,647,600
Site Pavements	$168,400	
Total	**$808,500**	**$2,792,400**
Importance Code A	$82,000	$156,400
Importance Code B	$726,500	$2,636,000
Total	**$808,500**	**$2,792,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$50,600		$10,300	
Interior Architecture	$129,800		$42,300	$2,100
Electrical	$8,900	$6,500	$6,800	$8,500
Mechanical	$51,900	$16,600	$27,600	$16,900
Site Enclosure	$35,700			
Site Pavements	$25,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$306,100**	**$27,100**	**$91,000**	**$31,500**
Importance Code A	$57,400	$6,900	$17,200	$6,900
Importance Code B	$138,800	$20,200	$73,800	$24,600
Importance Code C	$110,000			
Total	**$306,100**	**$27,100**	**$91,000**	**$31,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$164,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Along All Facades								
Metal Panel	7%			2053	* *	5-10	$42,400	
Windows								
Under Construction	100%							
Parapets								
Masonry: Brick	93%			LIFE	* *	5-10	$58,400	
Metal Rail	2%			2046	* *	5-10	$3,300	
Pre-Cast Concrete	5%	4+	$700	LIFE	* *	5	$2,900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Copings								
Roof								
Built-Up (BUR)	95%			2038	* *	10	$74,400	
Metal Panel	5%			2046	* *	10	$7,200	
Soffits								
Stucco Cement	100%			2046	* *	5	$2,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Ceramic Tile	5%			2042	* *	5	$4,200	
Vinyl Tile	85%			2038	* *	3	$26,800	
Wood	5%			2061	* *	5	$7,900	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$9,900	
Concrete Masonry Unit	5%	Now	$37,300	LIFE	* *	5	$1,600	
Horizontal Cracks, Extent : Moderate, Area Affected : 100%								
Location : Staircases								
Concrete Masonry Unit	45%			LIFE	* *	5	$28,600	
Gypsum Board	15%			LIFE	* *	5-10	$20,200	
Masonry: Brick	5%			LIFE	* *	10	$1,200	
Metal Panel	25%			LIFE	* *	10	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classroom Partitions								
Explanation : Metal Wall Partitions								
Ceilings								
AcousTile,Adhered	15%			2046	* *	5	$12,600	
AcousTileSusp.Lay-In	55%			2046	* *	5	$46,300	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$15,800	
Exposed Struc: Steel	10%			LIFE	* *	10	$16,800	
Metal Panel	5%			LIFE	* *	5	$10,500	
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	70%			2053	* *			
Iron Picket	30%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2083	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$35,700	2068	* *			
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Exterior Stair At North Side Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2038	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	15%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$25,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : By Dumpster Location								
Activity Yard								
Asphalt	95%	Now	$168,400	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : North East Play Yard								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2033	$15,800	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	35%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Photovoltaic Panel(s)	10%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$156,100	5	$200	
Fused Disc Sw	20%			2043	* *	5	$100	
Raceway								
Conduit	20%			2043	* *	1		
Conduit	80%			2033	$115,700	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	20%			2041	* *	5	$400	
Molded Case Bkrs	65%			2032	$116,800	5	$1,200	
Wiring								
Thermoplastic	80%			2033	$159,700	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$400	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$62,900	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$19,200	1		
Exit, Battery	50%			2033	$44,200	10	$2,100	
Exterior Lighting								
HID	20%			2028	$65,300	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$131,400	1	$26,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$180,600	1-3	$44,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 10,000 Gallon Oil Tank								
Conversion Equipment								
Heat Exchanger, Plate & Frame	2%			2036	* *	1	$700	
Steam Boiler	98%			2038	* *	1	$67,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2041	* *	4	$1,000	
Steam Piping/Pump	80%			2043	* *			
Terminal Devices								
Air Handler	80%			2033	$1,053,800	1	$34,600	
Convector/Radiator	20%			2038	* *	1	$4,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%			2034	* *	2	$900	
Reciprocating Compr/Chiller	40%	0-2	$413,100	2043	* *	1	$11,700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
Window/Wall Unit	5%			2031	$13,300	1		
No Component	35%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2043	* *	4	$1,400	
Recent Replace Evident, Extent : N/A, Area Affected : 50%								
Location : Basement, 1 of 2 Pumps Is Replaced								
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2033	$353,100	1	$17,300	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	40%	Now	$83,500	2043	* *	2	$15,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$61,500	LIFE	* *	2-5	$39,000	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Air Outlets In Classrooms								
Exhaust Fans								
Interior	60%	Now	$37,300	2033	$186,300	2	$1,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium Fans								
Roof	40%			2033	$54,300	2	$900	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 380 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,500	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$35,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2053	* *	1-2	$3,900	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 14 - Q**		
Address	: **107-01 OTIS AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q014**
Program / Asset #	: **BOE0678.000 / 321**	**Yr Built/Renovated**	: **1915 / 2016**
Area Sq Ft	: **131,264**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **1954** **Lot** : **37**	**BIN**	: **4437311**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$883,000	$484,800
Interior Architecture	$966,900	$3,042,100
Electrical	$279,700	$973,600
Mechanical		$5,059,100
Total	**$2,129,600**	**$9,559,600**
Importance Code A	$883,000	$484,800
Importance Code B	$1,128,700	$9,074,800
Importance Code C	$117,900	
Total	**$2,129,600**	**$9,559,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$175,300		$3,200	
Interior Architecture	$386,300		$38,800	$21,600
Electrical	$28,200	$21,400	$24,700	$24,800
Mechanical	$104,300	$42,100	$47,300	$50,200
Site Pavements	$97,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$795,500**	**$67,400**	**$118,100**	**$100,600**
Importance Code A	$188,300	$13,000	$16,200	$13,000
Importance Code B	$435,000	$54,400	$101,900	$87,600
Importance Code C	$172,200			
Total	**$795,500**	**$67,400**	**$118,100**	**$100,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$161,600	
Masonry: Brick	55%	Now	$468,400	LIFE	* *	5	$113,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th, 3rd And 2nd Floor Corridors								
Masonry: Brick Cavity	24%			LIFE	* *	5	$99,300	
Masonry: Limestone	10%			LIFE	* *	5	$31,000	
Metal Coiling Doors	1%			2046	* *	5	$6,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$67,200	
Windows								
Aluminum	35%			2049	* *	5	$21,000	
Metal Louvers	1%			2042	* *	10	$3,700	
Wood	13%	Now	$6,300	2049	* *	5	$39,000	
Glazing Broken/Cracked, Extent : Light, Area Affected : 2%								
Location : Various Classrooms Old Wing								
Wood	51%			2049	* *	5	$305,800	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$52,100	
Concrete Masonry Unit	5%			LIFE	* *	5-10	$10,100	
Masonry: Brick	10%	4+	$9,300	LIFE	* *	5	$3,700	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout Old Wing								
Masonry: Brick	35%			LIFE	* *	5-10	$87,800	
Masonry: Brick Cavity	25%			LIFE	* *	5-10	$62,700	
Metal Panel	5%			2053	* *	5	$7,100	
Metal Rail	13%			2046	* *	5-10	$86,100	
Pre-Cast Concrete	2%			LIFE	* *	5	$9,200	
Roof								
Copper/Terne	3%			2068	* *	10	$7,600	
Modified Bitumen	97%			2041	* *	10	$98,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$86,000	
Ceramic Tile	5%			2042	* *	5	$9,800	
Mosaic Tile	2%	Now	$18,400	2038	* *	5	$4,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 1st Floor Lobby								
Terrazzo	5%	0-2	$45,900	LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor Old Wing								
Traffic Topping	5%	Now	$46,900	2043	* *	5	$6,100	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings Of Old Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Stair Landings Of Old Wing								
Vinyl Tile	55%	Now	$298,500	2033	$2,985,100	3	$40,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	13%	0-2	$450,800	2043	* *	3	$9,600	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : 4th Floor Corridors Old Wing And Various Classrooms								
Wood	5%			2061	* *	5	$18,400	
Interior Walls								
Ceramic Tile	5%	0-2	$57,200	2036	* *	5	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	30%			LIFE	* *	5	$99,800	
Gypsum Board	10%			LIFE	* *	5-10	$70,700	
Masonry: Brick	10%			LIFE	* *	10	$12,500	
Marble Panels	1%	Now	$36,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor Old Wing								
Marble Panels	4%			LIFE	* *	10	$6,700	
Plaster	30%	Now	$60,700	LIFE	* *	5	$37,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd, 3rd And 4th Floor Corridors Old Wing								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$20,800	
Ceilings								
AcousTileConcealSpLn	10%			2046	* *	5	$22,800	
AcousTileSusp.Lay-In	20%			2046	* *	5	$36,500	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$22,800	
Gypsum Board	10%			LIFE	* *	5-10	$62,700	
Plaster	50%			LIFE	* *	5-10	$156,700	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$35,100	2046	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 108th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	90%	0-2	$30,400	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	6%			2038	* *			
Rubber Matting	4%	Now	$32,000	2043	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Play Yard At 108th Street And Martense Avenue								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes And 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2043	* *	5	$500	
Molded Case Bkrs	20%			2033	$58,500	5	$700	
Raceway								
Conduit	30%			2043	* *	1		
Conduit	70%			2033	$202,200	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Fused Disc Sw	5%			2041	* *	5	$200	
Molded Case Bkrs	35%			2041	* *	5	$1,200	
Molded Case Bkrs	50%			2032	$149,700	5	$1,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$279,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	25%			2046	* *	5	$200	
Locally Mounted	50%			2038	* *	5	$400	
Locally Mounted	25%			2031	$45,400	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$40,400	
Generators								
Diesel	100%			2036	* *	1	$50,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 350 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,900	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$108,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	8%			2038	* *	10	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby, Hallways								
Explanation : Compact Flourescent Lights								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	5%			2038	* *	1		
Exit, Service	45%			2028	$25,500	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	20%			2038	* *	10	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Compact Flourescent Lights								
HID	10%			2028	$61,200	10		
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$1,100	
Alarm								
Security System								
Generic	100%			2038	* *	1	$49,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$338,600	1-3	$83,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$130,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Boilers In Use								
Distribution								
Steam Piping/Pump	5%	0-2	$15,800	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Building Management System For The New Wing								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Float And Thermostatic Trap Faulty								
Steam Piping/Pump	95%			2033	$998,600			

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2028	$247,000	1	$8,100	
Air Handler	20%			2033	$494,000	1	$16,200	
Convector/Radiator	60%			2031	$644,000	1	$25,400	
Fan Coil Unit/Heat	10%			2033	$325,400	1	$4,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2033	$581,000	1	$18,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers, Penthouse								
Window/Wall Unit	50%			2031	$248,600	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2043	* *	4	$1,900	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2033	$407,500	1	$16,200	
Fan Coil - 2 Pipe	10%			2033	$320,400	1	$4,200	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2033	$91,200	2	$27,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$81,100	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$34,800	
Exhaust Fans								
Interior	30%			2038	* *	2	$1,200	
Interior	20%			2028	$116,400	2	$800	
Roof	50%			2038	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$335,200	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Temporary 80 Gallon Unit. 2 Abandoned Units Remain.								
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$26,300	4	$4,200	
Sewage Ejector(s)								
Electric	100%			2033	$68,700	4	$7,800	
Backflow Preventer								
Generic	100%			2033	$58,600	1	$8,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$66,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Staircases								
Explanation : Dry System								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,800	
Chemical System								
Generic	100%			2028	$122,400	1-3	$121,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 30 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 14 - SI**		
Address	: **100 TOMPKINS AVENUE @ HILL ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R014**
Program / Asset #	: **BOE0907.000 / 1442**	**Yr Built/Renovated**	: **1950 / 2009**
Area Sq Ft	: **112,215**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **545** **Lot** : **110**	**BIN**	: **5014176**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,701,200	
Interior Architecture	$8,838,200	$2,319,900
Electrical	$256,400	$495,300
Mechanical	$147,400	$2,816,200
Site Enclosure	$86,400	
Site Pavements	$107,500	
Total	**$11,137,100**	**$5,631,400**
Importance Code A	$1,701,200	
Importance Code B	$7,341,900	$5,631,400
Importance Code C	$2,094,100	
Total	**$11,137,100**	**$5,631,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$64,600		$9,300	
Interior Architecture	$162,600	$4,200	$4,200	$14,700
Electrical	$49,100	$12,000	$11,600	$11,100
Mechanical	$80,400	$18,300	$39,900	$18,300
Site Pavements	$24,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$385,100**	**$38,500**	**$69,000**	**$48,100**
Importance Code A	$75,900	$11,100	$20,400	$11,100
Importance Code B	$229,400	$27,300	$48,500	$37,000
Importance Code C	$79,800			
Total	**$385,100**	**$38,500**	**$69,000**	**$48,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,500	
Masonry: Brick	90%			LIFE	* *	5	$99,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Throughout								
Explanation : Painted Surface								
Masonry: Limestone	5%			LIFE	* *	5	$4,100	
Windows								
Aluminum	100%	0-2	$275,400	2041	* *	5	$14,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	5%			LIFE	* *	5-10	$4,000	
Copper/Terne	5%			2068	* *	5	$3,500	
Masonry: Brick	85%	2-4	$310,300	LIFE	* *	5	$12,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$8,800	
Roof								
Metal Panel	4%			2046	* *	10	$9,300	
Modified Bitumen	55%	2-4	$76,200	2038	* *			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Single Ply Membrane	40%	Now	$1,039,300	2043	* *			1
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Annex Building								
Skylight, Metal/Glass	1%			2043	* *	10	$4,200	
Interior								
Floors								
Carpet	5%			2034	* *	3	$12,600	
Cast in Place Concrete	5%			LIFE	* *	5	$36,700	
Ceramic Tile	5%	Now	$47,300	2036	* *	5	$4,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Poor Subfloor Evident, Extent : Severe, Area Affected : 10%								
Location : First Floor Northeast Corner								
Terrazzo	5%			LIFE	* *	5	$13,100	
Vinyl Tile	50%			2033	$2,319,900	3	$42,000	
Vinyl Tile 9" X 9"	20%	Now	$5,928,700	2043	* *	3	$12,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%	Now	$50,100	2048	* *	5	$15,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$49,700	2036	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$141,500	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glazed Ceramic Panel	5%			LIFE	* *	10	$13,600	
Gypsum Board	5%			LIFE	* *	5-10	$25,600	
Plaster	47%	2-4	$1,033,000	LIFE	* *	5	$42,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 30%								
Location : Stairs 3,4,8								
Vertical Cracks, Extent : Moderate, Area Affected : 30%								
Location : Stairs 3,4,8								
SGFT/Glazed Masonry	30%	2-4	$812,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	2-4	$54,100	2038	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2046	* *	5	$8,400	
Exposed Struc: Concrete	60%	0-2	$755,000	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	25%	Now	$63,900	LIFE	* *	5	$26,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair No. 1 At Second Floor, Corridor At Exit 5/6 And Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2043	* *			
Iron Picket	90%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$86,400	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Parking Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$24,500	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	0-2	$107,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Area								
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2059	* *	5	$400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere And One 600 Ampere Main Disconnect Switch.								
Photovoltaic Panel(s)	10%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Serves 3rd Floor Inverters On 3rd Floor								
Two (2) 30a Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2053	* *	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Knife Sw	10%	Now	$24,000	2058	* *	5	$100	
On Extended Life, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Molded Case Bkrs	35%			2049	* *	5	$1,000	
Molded Case Bkrs	50%			2041	* *	5	$1,500	
Wiring								
Braided Cloth	75%	2-4	$256,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$163,300	5	$700	
Locally Mounted	10%			2038	* *	5	$100	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$82,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	5%			2033	$155,400	2	$100	
LED	15%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Battery	50%			2033	$94,200	10	$13,500	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	10%	Now	$5,200	2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Timer. Lighting Control Is Not Working.								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$41,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : CCTV, Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	30%	Now	$8,700	2043	* *	1-3	$18,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : Ground Fault Light On In The Fire Alarm Panel								
Generic, Digital	70%			2043	* *	1-3	$48,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2053	* *	1		
Interruptible Gas/Dual Fuel	80%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$111,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$49,500	
Steam Piping/Pump	50%			2043	* *			
Terminal Devices								
Air Handler	50%			2033	$1,055,900	1	$34,700	
Convector/Radiator	50%			2038	* *	1	$18,100	
Controls								
Electrical	100%	Now	$62,400	2028	$623,800			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2028	$377,100	2	$1,400	
Controller Not Working, Extent : Moderate, Area Affected : 30%								
Location : Rooftop Unit 3								
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : 3 Rooftop Package Units Are On Annex Roof								
Split Unit	5%			2033	$133,200			
Window/Wall Unit	50%	Now	$85,000	2028	$212,600	1		
Broken, Extent : Moderate, Area Affected : 40%								
Location : Various Classrooms								
No Component	25%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$36,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Annex Building								
Explanation : Annex Building								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	70%			2028	$348,400	2	$2,400	
Roof	30%			2033	$65,300	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 85 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$7,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Annex Building								
Explanation : Serves Annex Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 15 - BK**		
Address	: **71 SULLIVAN STREET BTWN: RICHARDS ST., VAN BRUNT ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K015**
Program / Asset #	: **BOE0351.000 / 361**	**Yr Built/Renovated**	: **1968 / 2014**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **566** **Lot** : **1**	**BIN**	: **3008585**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,515,100	$2,886,300
Interior Architecture	$3,215,600	$15,403,700
Electrical		$427,200
Mechanical	$459,500	$3,886,700
Site Enclosure	$106,900	
Site Pavements		$249,500
Total	**$6,297,200**	**$22,853,400**
Importance Code A	$2,515,100	$2,886,300
Importance Code B	$3,594,800	$19,967,100
Importance Code C	$187,300	
Total	**$6,297,200**	**$22,853,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,000			
Interior Architecture	$158,300		$1,100	$12,300
Electrical	$120,100	$13,000	$13,500	$17,000
Mechanical	$107,000	$38,000	$42,800	$67,500
Site Pavements	$67,000			
Total	**$497,400**	**$51,000**	**$57,400**	**$96,800**
Importance Code A	$52,900	$7,900	$7,900	$7,900
Importance Code B	$419,400	$43,100	$49,500	$88,900
Importance Code C	$25,100			
Total	**$497,400**	**$51,000**	**$57,400**	**$96,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	$144,000	
Glazed Ceramic Panel	5%			LIFE	* *	5	$33,800	
Masonry: Brick	75%	0-2	$889,600	LIFE	* *	5	$54,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Classrooms								
Windows								
Steel	100%	Now	$1,018,400	2058	* *	5	$84,700	1
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	90%	0-2	$28,100	2038	* *	5	$29,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout Upper Roof								
Metal Security Bars	10%			2048	* *			
Roof								
IRMA/Protected Membrane	100%	Now	$535,100	2033	$2,675,600			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Upper Roof								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof Hatches								
Explanation : Roof Hatches Do Not Operate Properly And Leak								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : At All Entrances								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,700	
Ceramic Tile	5%	Now	$6,800	2042	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Terrazzo	2%			LIFE	* *	5	$3,800	
Vinyl Tile	10%	0-2	$16,600	2038	* *	3	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Library And Multi-purpose Room								
Uneven Substrate, Extent : Light, Area Affected : 5%								
Location : Library And Multi-purpose Room								
Vinyl Tile 9" X 9"	72%	Now	$3,061,900	2028	$15,309,700	3	$32,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors And Classrooms Throughout								
Wood	1%			2061	* *	5	$2,300	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,800	
Folding Partition	5%			2049	* *	5	$13,800	
Plaster	60%	Now	$80,400	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$13,800	
Ceilings								
AcousTile,Adhered	10%	Now	$19,400	2038	* *	5	$6,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Corridors Throughout								
Exposed Struc: Concrete	35%			LIFE	* *	5-10	$52,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,000	
Fiber Board	5%			2033	$94,000			
Metal Panel	5%	0-2	$4,000	LIFE	* *	5	$7,500	
Loose Units, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	40%	Now	$73,300	LIFE	* *	5	$30,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Iron Picket	75%	Now	$106,900	2068	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gate Hinges Broken Throughout								
Free Standing Walls								
Masonry: Brick	100%			2053	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$24,800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Sullivan Street								
On-Site Walkways								
Cast in Place Concrete	85%			2046	* *			
Pavers/Stone	15%			2042	* *			
Activity Yard								
Asphalt	80%	0-2	$42,200	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Rear Yard								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Rear Yard								
Rubber Matting	20%			2033	$249,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Electrical Room								
Explanation : The Main Service Switch Is Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	15%			2041	* *	5	$300	
Molded Case Bkrs	75%			2049	* *	5	$1,600	
Wiring								
Braided Cloth	10%			2032	$20,000	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	90%			2053	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	$11,900	5	$100	
Locally Mounted	90%			2046	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$24,600	
Generators								
Natural Gas	100%			2042	* *	1	$31,000	
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$58,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	20%	Now	$44,300	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium, Auditorium And Cafeteria								
Explanation : Some LED Lights Have Failed And Require Replacement								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$9,700	
Exit, Service	50%			2028	$17,200	1		
Exterior Lighting								
HID	10%	Now	$22,400	2033	$37,300			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Photo Cell And Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$150,200	1	$29,900	
Fire/Smoke Detection								
Generic, Analog	100%	Now	$41,300	2033	$206,400	1-3	$44,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Devices Throughout And Communication Errors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$79,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$3,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout - Upgrade Of Steam Traps								
Terminal Devices								
Air Handler	20%			2038	* *	1	$9,900	
Convector/Radiator	80%			2031	$523,300	1	$20,700	
Controls								
Digital	100%	Now	$459,500	2028	$2,297,600			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout - Defective Building Management System (BMS).Unable To Control Thermostats From BMS.								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout - Thermostat Upgrade								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	20%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, Auditorium, And Cafeteria - 17 Units								
Window/Wall Unit	65%			2028	$197,000	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,600	
Exhaust Fans								
Interior	20%			2033	$71,000	2	$500	
Roof	80%			2028	$124,200	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	70%	Now	$14,400	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room - Leaking Domestic Water Circulating Pump								
Galvanized Steel	30%			2031	$306,400	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : Electric Water Heater Electrically Disconnected For Future Reconnection								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$16,000	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2033	$41,900	4	$4,800	
Backflow Preventer								
Generic	100%			2033	$35,700	1	$4,900	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2031	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit - 250,000 Btu/hr Input								
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit - 300 Gallons								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$700	
Chemical System								
Generic	100%			2028	$367,200	1-3	$364,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood: 90 Square Feet - (18 Feet L x 5 Feet W)								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 15 - M**		
Address	: **333 EAST 4 STREET @AVENUES C-D**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M015**
Program / Asset #	: **BOE0010.000 / 438**	**Yr Built/Renovated**	: **1904 / 2004**
Area Sq Ft	: **60,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **374** **Lot** : **20**	**BIN**	: **1004415**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$686,600	$83,400
Interior Architecture	$7,677,100	
Electrical	$268,500	$173,000
Mechanical	$344,200	$3,335,000
Total	**$8,976,400**	**$3,591,400**
Importance Code A	$686,600	$606,400
Importance Code B	$8,129,000	$2,985,000
Importance Code C	$160,800	
Total	**$8,976,400**	**$3,591,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,300	$13,700		$28,600
Interior Architecture	$140,600	$6,500	$2,300	$5,100
Electrical	$1,500	$2,000	$1,500	$20,300
Mechanical	$97,900	$12,700	$23,200	$27,200
Site Enclosure	$6,500			
Site Pavements	$8,100			
Total	**$322,900**	**$34,900**	**$27,000**	**$81,100**
Importance Code A	$94,400	$19,700	$5,900	$34,600
Importance Code B	$134,900	$15,200	$21,000	$46,500
Importance Code C	$93,500			
Total	**$322,900**	**$34,900**	**$27,000**	**$81,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	$19,500	LIFE	* *	5	$38,300	
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Main Facade At Second Floor. Ornate Window Sill								
Masonry: Brick	85%	Now	$686,600	LIFE	* *	5	$83,400	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Various Locations At North Facade								
Masonry: Limestone	10%			LIFE	* *	5	$7,400	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Main Facade								
Explanation : Painted Surfaces								
Windows								
Aluminum	97%			2048	* *	5	$12,400	
Metal Louvers	3%			2041	* *	10	$2,400	
Parapets								
Masonry: Brick	70%	2-4	$42,000	LIFE	* *	5	$6,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout Locations On Roof								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Metal Rail	10%			2045	* *	5-10	$17,100	
Metal: Cage/Fence	5%			2045	* *	5-10	$3,700	
Pre-Cast Concrete	5%	2-4	$800	LIFE	* *	5	$3,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Stucco Cement	10%			2045	* *	5	$2,400	
Roof								
Built-Up (BUR)	90%			2037	* *	10	$28,600	
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Throughout Roof								
Explanation : Snow Covered At Various Areas During Time Of Visit.								
Copper/Terne	5%			2060	* *	10	$4,000	
Paver: Asphalt	5%			2041	* *	10	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Snow Covered At Time Of Visit.								
Soffits								
Cast in Place Concrete	100%	4+	$6,100	LIFE	* *	5	$10,200	
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Main Entrance, East 4th Street								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$15,400	LIFE	* *	5	$19,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Basement Corridors And Fan Room								
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Basement Corridors And Fan Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Epoxy Coating								
Ceramic Tile	5%			2041	* *	5	$4,500	
Sheet Vinyl/Rubber	3%	Now	$17,800	2037	* *	5	$2,000	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Seams Open/Split, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Terrazzo	3%	2-4	$5,100	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 3%								
Location : Throughout								
Traffic Topping	7%			2040	* *	5	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Corridors								
Explanation : Component Actually A Spray Applied High Traffic Coating								
Vinyl Tile	22%			2037	* *	3	$7,500	
Vinyl Tile 9" X 9"	45%	Now	$144,200	2027	$7,212,200	3	$15,300	
Uneven Substrate, Extent : Severe, Area Affected : 15%								
Location : 5th Floor Classrooms								
Wood	5%	Now	$5,400	2047	* *	5	$4,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Room 508								

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DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	4+	$13,200	2035	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Walls								
Concrete Masonry Unit	10%	Now	$45,200	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Gymnasium Walls Beneath Location Of Beams								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Gymnasium Walls								
Glass: Single Pane	3%	Now	$21,900	LIFE	* *	5	$5,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Metal Mullions At Stair Partitions Corroded								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stair Partitions								
Metal Panel	1%			LIFE	* *			
Plaster	55%	Now	$160,800	LIFE	* *	5	$39,700	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout Third, Fourth And Fifth Floors								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	1%	4+	$6,800	LIFE	* *	5	$9,600	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	3%			2032	$39,700			
Masonry: Infill Arch	5%			LIFE	* *			
Metal Panel	5%	4+	$7,000	LIFE	* *	5	$5,300	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Metal Panel	5%	Now	$2,800	LIFE	* *	5	$5,300	
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Basement Storage Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Storage Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Corrugated Metal Ceiling In Basement.								
Plaster	62%	Now	$159,800	LIFE	* *	5	$32,800	
Paint Peeling, Extent : Severe, Area Affected : 15%								
Location : Various Classrooms Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout Third, Fourth, And Fifth Floor Room. Room 303								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$6,500	2067	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$8,100	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East 4th Street								
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Rubber Matting	30%			2037	* *			
Traffic Topping	70%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$7,000	5	$100	
Molded Case Bkrs	95%			2048	* *	5	$1,500	
Wiring								
Braided Cloth	80%	0-2	$159,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$57,300	5	$300	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$52,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$7,200	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$56,000	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$11,300	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Entrance And Exit Doors								
Explanation : Intrusion Alarm System And Motion Sensors								
Generic	10%			2037	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Classrooms, Kitchen And Basement								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$18,600	
Conversion Equipment								
Steam Boiler	100%	Now	$26,100	2030	$523,000	1	$53,500	
Abandoned in Place, Extent : Moderate, Area Affected : 50%								
Location : Bolier Room. One Of The Boiler Is Abandoned Due To Low Pressure								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Boiler Room. One Of The Boiler Is Running On Low Pressure. Boiler Is Abandoned								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. Water Shell Leak Boiler No.1								

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DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$84,400	2032	$1,687,200	4	$3,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Leaks At Basement Back Area Hallway And Vacuum Pump								
Terminal Devices								
Air Handler	20%			2032	$225,800	1	$7,400	
Convector/Radiator	80%			2037	* *	1	$15,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$13,600	2027	$136,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Various Locations. 50 Percent Of The Units Are Not Working Properly								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,500	
Exhaust Fans								
Interior	50%	Now	$6,700	2032	$133,100	2	$700	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Exhaust Fan Damaged Motor								
Roof	50%	Now	$58,200	2042	* *	2	$700	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$38,300	2030	$766,000	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement Water Booster Pump Room And Boiler Room Stairwell Area								
Explanation : Corroded And Water Leaking								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$5,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$1,800	4	$1,300	
Sewage Ejector(s)								
Electric	100%			2032	$31,400	4	$3,600	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$800	
Chemical System								
No Component	80%							
Generic	20%			2027	$65,300	1-3	$64,700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 15 - Q**		
Address	: **121-15 LUCAS STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q015**
Program / Asset #	: **BOE0679.000 / 322**	**Yr Built/Renovated**	: **1939 / 2010**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12672** **Lot** : **1**	**BIN**	: **4273142**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$5,856,400	$691,300
Electrical	$119,800	$279,900
Mechanical	$146,400	$1,766,200
Total	**$6,122,500**	**$2,737,500**
Importance Code B	$6,122,500	$2,737,500
Total	**$6,122,500**	**$2,737,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,000	$2,600		$27,100
Interior Architecture	$97,500	$6,500	$2,100	$7,200
Electrical	$5,200	$5,700	$5,500	$31,700
Mechanical	$86,200	$44,100	$15,500	$12,400
Site Pavements	$5,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$205,600**	**$62,800**	**$27,000**	**$82,300**
Importance Code A	$12,400	$8,100	$5,400	$32,700
Importance Code B	$155,000	$54,700	$21,600	$49,600
Importance Code C	$38,100			
Total	**$205,600**	**$62,800**	**$27,000**	**$82,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	4%			LIFE	* *	5	$1,200	
Masonry: Brick	19%			LIFE	* *	5	$9,300	
Masonry: Brick	60%			LIFE	* *	5	$29,300	
Masonry: Granite	1%			LIFE	* *	5	$400	
Masonry: Limestone	10%			LIFE	* *	5	$3,700	
Marble Panels	1%			LIFE	* *	5	$400	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,900	
Windows								
Aluminum	63%			2048	* *	5	$14,400	
Aluminum	32%	Now	$7,000	2048	* *	5	$3,700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 3%								
Location : Various Classrooms								
Metal Louvers	5%			2041	* *	10	$7,200	
Parapets								
Concrete Masonry Unit	15%			LIFE	* *	5	$700	
Masonry: Brick	20%			LIFE	* *	5	$800	
Masonry: Brick	62%			LIFE	* *	5	$2,500	
Pre-Cast Concrete	3%			LIFE	* *	5	$700	
Roof								
Built-Up (BUR)	65%			2037	* *	10	$18,500	
IRMA/Protected Membrane	30%			2037	* *	10	$8,600	
Metal Panel	5%			2045	* *	10	$2,600	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$27,400	
Ceramic Tile	5%			2041	* *	5	$4,200	
Terrazzo	1%	Now	$1,600	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Entry Lobby								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Entry Lobby								
Vinyl Tile	30%	Now	$13,800	2032	$691,300	3	$9,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Thresholds And Corridors								
Vinyl Tile 9" X 9"	39%	Now	$114,800	2027	$5,741,600	3	$12,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor And 2nd Floor Classrooms								
Wood	5%	Now	$49,800	2060	* *	5	$3,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Gymnasium								
Wood	5%			2060	* *	5	$7,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	3%	Now	$8,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electric Room								
Ceramic Tile	3%	Now	$6,300	2035	* *	5	$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Bathrooms								
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	12%	Now	$17,300	LIFE	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Paint Peeling								
Masonry: Brick	5%			LIFE	* *			
Plaster	62%			LIFE	* *	5	$14,300	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2045	* *	5	$5,200	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,300	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$10,400	
Metal Panel	1%			LIFE	* *	5	$1,000	
Plaster	64%			LIFE	* *	5	$33,400	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	10%			2045	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : 12th Avenue								
Explanation : Under Construction, Steel Plates Present								
Cast in Place Concrete	90%			2045	* *			
On-Site Walkways								
Asphalt	80%			2041	* *			
Cast in Place Concrete	10%			2045	* *			
Masonry: Granite	10%	Now	$5,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Granite Steps								
Activity Yard								
Asphalt	65%			2041	* *			
Rubber Matting	35%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2052	* *	5	$200	
Fused Disc Sw	30%			2032	$58,500	5	$100	
Raceway								
Conduit	70%			2032	$101,200	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$7,000	5	$100	
Molded Case Bkrs	50%			2048	* *	5	$700	
Molded Case Bkrs	45%			2031	$62,900	5	$700	
Wiring								
Braided Cloth	60%	2-4	$119,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	40%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$57,300	5	$300	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$16,900	
Generators								
Diesel	100%			2041	* *	1	$21,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 80 Kilowatts								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$12,300	
Fuel Storage								
Day Tank	1%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 25 Gallons Rated Capacity								
Main Tank	99%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : No Available Nameplate Rating Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	55%			2040	* *	10	$27,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Wing								
Explanation : T-8 Lamps								
Fluorescent	35%			2037	* *	10	$17,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
LED	10%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2037	* *	1	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$10,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Auditorium, Basement, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$12,600	2052	* *	1		
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$54,500	
Distribution								
Steam Piping/Pump	100%	Now	$8,800	2042	* *			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement. Condensate Pump Malfunctioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2032	$310,500	1	$10,200	
Convector/Radiator	70%	Now	$6,300	2030	$314,800	1	$11,200	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Bathroom And Auditorium								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2032	$243,400	1	$7,700	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 3rd Floor Mechanical Room In New Wing								
Window/Wall Unit	50%			2030	$104,200	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%	Now	$6,400	2042	* *	4	$800	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor New Wing								
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2032	$256,100	1	$10,200	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2032	$60,600	2	$11,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%	Now	$33,800	LIFE	* *	2-5	$21,500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Ventilation In 3rd Floor Mechanical Room, New Wing								
No Component	30%							
Exhaust Fans								
Interior	60%	Now	$2,900	2027	$146,400	2	$800	
Broken, Extent : Severe, Area Affected : 5%								
Location : Air Condition Machine Room Louver								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$210,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%	Now	$700	2025	$34,200	2		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2032	$266,000	4	$8,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$11,000	4	$1,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor In New Addition								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2042	* *	1-5	$8,600	
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 16 - BK**		
Address	: **157 WILSON STREET @BEDFORD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K016**
Program / Asset #	: **BOE0352.000 / 2685**	**Yr Built/Renovated**	: **1918 / 2019**
Area Sq Ft	: **101,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2177** **Lot** : **1**	**BIN**	: **3059906**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$125,000	$193,400
Interior Architecture	$10,689,700	$534,800
Electrical	$372,500	$494,300
Mechanical	$576,700	$1,789,500
Site Pavements		$207,200
Total	**$11,763,900**	**$3,219,100**
Importance Code A	$125,000	$193,400
Importance Code B	$11,569,900	$3,025,700
Importance Code C	$69,000	
Total	**$11,763,900**	**$3,219,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$51,900			
Interior Architecture	$74,000	$26,000	$18,000	$16,700
Electrical	$68,800	$3,000	$2,900	$14,800
Mechanical	$14,000	$14,600	$21,900	$39,400
Total	**$208,700**	**$43,500**	**$42,800**	**$70,900**
Importance Code A	$71,200	$10,000	$10,000	$10,000
Importance Code B	$137,600	$33,500	$19,700	$60,900
Importance Code C			$13,000	
Total	**$208,700**	**$43,500**	**$42,800**	**$70,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$58,500	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$134,800	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$5,600	
Windows								
Aluminum	100%	4+	$27,000	2048	* *	5	$14,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	2-4	$14,900	LIFE	* *	5	$5,100	
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Terra Cotta Copings On Main Roof								
Masonry: Brick	30%	Now	$10,000	LIFE	* *	5	$3,900	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Masonry: Brick	65%			LIFE	* *	5	$8,500	
Roof								
Copper/Terne	5%			2060	* *	10	$16,400	
Modified Bitumen	95%			2037	* *	10	$125,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,700	
Ceramic Tile	5%			2041	* *	5	$9,900	
Quarry Tile	5%			2045	* *	5	$14,900	
Slate	5%	4+	$24,400	LIFE	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Stairs								
Terrazzo	5%	4+	$18,500	LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Steps At Main Entry Vestibule								
Traffic Topping	5%	4+	$23,600	2032	$472,800	5	$6,200	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 20%								
Location : Stairs C & D								
Vinyl Tile	35%			2037	* *	3	$26,000	
Vinyl Tile 9" X 9"	30%			2027	$10,493,100	3	$29,700	
Wood	5%			2047	* *	5	$18,600	

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	10%			2041	* *	5	$26,100	
Recent Replace Evident, Extent : N/A, Area Affected : 30%								
Location : Various Student Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,200	
Masonry: Brick	2%			LIFE	* *			
Marble Panels	3%	4+	$69,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Entry Vestibule Area								
Plaster	50%			LIFE	* *	5	$39,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$127,600	2037	* *	5	$9,900	
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
AcousTileSusp.Lay-In	10%			2045	* *	5	$19,800	
Embossed Metal	5%			LIFE	* *	5	$4,500	
Exposed Struc: Concrete	25%			LIFE	* *	5	$7,700	
Plaster	50%			LIFE	* *	5	$61,900	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2042	* *			
Iron Picket	90%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2037	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	50%			2037	* *			
Rubber Matting	50%			2032	$207,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%	2-4	$9,300	2052	* *	5	$200	
Suspect Water Damage, Extent : Moderate, Area Affected : 30%								
Location : Service Entrance Box In Electrical Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere And One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2058	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	50%			2042	* *	5	$200	
Fused Disc Sw	50%			2058	* *	5	$200	
Raceway								
Conduit	90%			2032	$219,300	1		
Conduit	10%			2058	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$16,800	5	$200	
Fused Disc Sw	3%			2054	* *	5	$100	
Molded Case Bkrs	10%			2040	* *	5	$300	
Molded Case Bkrs	80%	Now	$19,200	2031	$191,600	5	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Panel Enclosure Damaged								
Wiring								
Braided Cloth	70%	2-4	$239,300	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2042	* *	1		
Thermoplastic	5%			2058	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2040	* *	10	$81,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2040	* *	10	$1,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
LED	10%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Battery	45%			2027	$76,300	10	$11,000	
Emergency, Battery	5%			2040	* *	10	$1,200	
Exit, Service	50%			2032	$21,800	1		
Exterior Lighting								
HID	10%	Now	$23,600	2042	* *			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof Parapet And Exterior Entrances								
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 10%								
Location : Roof Parapet And Exterior Entrances								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$56,900	1	$11,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$15,600	2040	* *	1-3	$17,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Explanation : Trouble Signals Are Visible On Fire Alarm Control Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5000 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$100,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	20%			2032	$380,100	1	$12,500	
Convector/Radiator	80%			2037	* *	1	$26,100	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	5%			2032	$119,900			
Window/Wall Unit	60%			2027	$229,600	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,300	
Exhaust Fans								
Interior	60%			2027	$268,800	2	$1,900	
Roof	40%			2027	$78,400	2	$1,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2030	$1,289,400	1		
Water Heater With Tanks								
Electric	15%			2027	$3,500	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : For Kitchen Use Only, Used As Temporary Unit								
Gas Fired	85%			2032	$14,500	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2027	$20,200	4	$2,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 16 - SI**				
Address	: **80 MONROE AVENUE @ BENZIGER AVE.**				
Borough	: **STATEN ISLAND**			**Agency's Number**	: **R016**
Program / Asset #	: **BOE0908.000 / 1443**			**Yr Built/Renovated**	: **1966 / 2006**
Area Sq Ft	: **92,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Floors 1,2,3**				
Block	: **18**	**Lot**	: **15**	**BIN**	: **5000291**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,811,300	$1,745,400
Interior Architecture	$656,800	$70,800
Electrical	$381,900	$621,100
Mechanical	$209,100	$1,844,400
Total	**$3,059,100**	**$4,281,600**
Importance Code A	$1,811,300	$1,745,400
Importance Code B	$748,800	$2,465,500
Importance Code C	$499,000	$70,800
Total	**$3,059,100**	**$4,281,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$64,700	$8,900		$10,700
Electrical	$13,200	$8,300	$9,100	$100,100
Mechanical	$34,400	$13,300	$20,500	$94,600
Site Enclosure	$9,700			
Total	**$122,100**	**$30,500**	**$29,600**	**$205,400**
Importance Code A	$9,100	$9,100	$9,100	$9,300
Importance Code B	$103,300	$21,400	$20,500	$196,100
Importance Code C	$9,700			
Total	**$122,100**	**$30,500**	**$29,600**	**$205,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%	Now	$757,000	LIFE	* *	5	$210,800	
Expansion Joint Failure, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Front And Rear Facade								
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Classrooms 101, 201, 301, 401.								
Masonry: Brick	70%	0-2	$405,100	LIFE	* *	5	$98,400	
Expansion Joint Failure, Extent : Moderate, Area Affected : 30%								
Location : Base Course And Window Sill And Header. Throughout								
Caulking Deteriorated, Extent : Severe, Area Affected : 40%								
Location : Base Course Throughout								
Windows								
Aluminum	100%	0-2	$387,300	2054	* *	5	$20,300	
Caulking Deteriorated, Extent : Light, Area Affected : 20%								
Location : Front And Rear Facade								
Parapets								
Cast in Place Concrete	55%	0-2	$125,500	LIFE	* *	5	$72,100	
Expansion Joint Failure, Extent : Light, Area Affected : 20%								
Location : Cast In Place Concrete Overhangs								
Not Accessible	45%							
Roof								
IRMA/Protected Membrane	95%	Now	$136,400	2032	$1,364,000			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Around Drainages								
Not Accessible	5%							
Interior								
Floors								
Cast in Place Concrete	15%	0-2	$90,900	LIFE	* *	5	$46,800	
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Basement And Sub-basement Floors								
Ponding, Extent : Moderate, Area Affected : 30%								
Location : Basement And Sub-basement								
Ceramic Tile	10%	Now	$40,200	2041	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Mosaic Tile	5%	0-2	$66,900	2037	* *	5	$8,900	
Loose/Delam Surface, Extent : Light, Area Affected : 20%								
Location : Kitchen And Cafeteria								
Sheet Vinyl/Rubber	10%			2042	* *	5	$21,400	
Terrazzo	10%			LIFE	* *	5	$11,100	
Vinyl Tile	50%			2037	* *	3	$26,700	
Recent Repair Evident, Extent : N/A, Area Affected : 60%								
Location : Hall And Clasrooms								

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 40%								
Location : Basement And Sub-basement								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,900	
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Basement And Sub-basement								
Plaster	60%	Now	$287,000	LIFE	* *	5	$70,800	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : First Floor Hallway								
SGFT/Glazed Masonry	30%	Now	$212,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Stairway								
Ceilings								
Exposed Struc: Concrete	70%			LIFE	* *	5	$16,200	
Recent Repair Evident, Extent : N/A, Area Affected : 40%								
Location : Basement And Sub-basement								
Metal Panel	5%	0-2	$24,500	LIFE	* *	5	$9,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Kitchen Ceiling								
Plaster	10%			LIFE	* *	5	$9,200	
Not Accessible	15%							
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$9,700	2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Upper Backyard								
Iron Picket	20%			2067	* *			
Free Standing Walls								
Not Accessible	40%							
Not Accessible	60%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	10%			2045	* *			
Not Accessible	90%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2032	$36,200	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 And 800 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2042	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$159,300	5	$300	
Fused Disc Sw	30%			2042	* *	5	$100	
Raceway								
Conduit	85%			2032	$171,500	1		
Conduit	15%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Fused Knife Sw	2%	Now	$4,800	2057	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room Basement								
Molded Case Bkrs	15%			2040	* *	5	$400	
Molded Case Bkrs	73%			2031	$174,800	5	$1,800	
Wiring								
Braided Cloth	75%	0-2	$218,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2032	$43,800	1		
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	20%			2037	* *	5	$100	
No Component	80%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$28,300	
Generators								
Natural Gas	100%			2041	* *	1	$35,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside The Building								
Explanation : 25 Kilowatt, 31.25 Kilovolt Amperes Used For Emergency Power Supply To 3 Sump Pumps								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$20,500	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2040	* *	10	$67,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classroom, Offices, Cafeteria And Kitchen								
Explanation : T-8 Lamps								
Fluorescent	5%			2040	* *	10	$4,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallway, 2nd Floor Fan Room								
LED	15%			2040	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And 1st Floor Entrance								
Explanation : LED Light								
Egress Lighting								
Emergency, Battery	50%			2027	$77,200	10	$11,100	
Exit, Service	50%			2027	$19,800	1		
Exterior Lighting								
HID	20%			2027	$85,900	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2040	* *	1	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : 35 Security Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	$47,500	1-3	$11,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2032	$211,100	5	$28,500	
On Extended Life, Extent : Light, Area Affected : 10%								
Location : Basement								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$91,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2042	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2032	$519,400	1	$17,100	
Convector/Radiator	70%			2030	$526,600	1	$20,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2027	$209,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,300	
Exhaust Fans								
Interior	50%	Now	$20,400	2037	* *	2	$1,100	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Blower Room								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Blower Room								
Explanation : Fan Bearings Broken								
Roof	50%			2037	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$587,300	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2027	$48,200	4	$3,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 17 - BK**		
Address	: **208 NORTH 5 STREET @ROEBLING ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K017**
Program / Asset #	: **BOE0353.000 / 362**	**Yr Built/Renovated**	: **1921 / 2011**
Area Sq Ft	: **89,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **2345** **Lot** : **1**	**BIN**	: **3062337**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$728,200	$98,600
Interior Architecture	$674,900	$65,500
Electrical	$496,100	$1,892,600
Mechanical	$163,200	$1,944,400
Total	**$2,062,400**	**$4,001,100**
Importance Code A	$728,200	$98,600
Importance Code B	$1,020,800	$3,902,500
Importance Code C	$313,400	
Total	**$2,062,400**	**$4,001,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,200		$3,800	
Interior Architecture	$217,000		$6,300	$9,300
Electrical	$5,100	$8,800	$8,300	$10,800
Mechanical	$72,700	$24,200	$32,500	$39,900
Site Enclosure	$30,700			
Site Pavements	$62,500			
Total	**$477,200**	**$33,000**	**$50,900**	**$60,000**
Importance Code A	$98,200	$8,800	$12,600	$8,800
Importance Code B	$296,500	$24,200	$38,300	$51,100
Importance Code C	$82,400			
Total	**$477,200**	**$33,000**	**$50,900**	**$60,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$90,600	
Masonry: Brick	85%			LIFE	* *	5	$197,100	
Masonry: Limestone	5%			LIFE	* *	5	$8,700	
Metal Panel	5%			2043	* *	5-10	$39,900	
Windows								
Aluminum	90%	4+	$549,300	2049	* *	5	$11,500	
Glazing Clouded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Metal Clad	10%			2049	* *	5	$16,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$43,400	
Masonry: Brick	90%			LIFE	* *	5-10	$94,000	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$39,500	
Metal Panel	5%			2046	* *	10	$3,800	
Interior								
Floors								
Carpet	5%			2032	$123,600	3	$10,500	
Cast in Place Concrete	5%			LIFE	* *	5	$30,600	
Ceramic Tile	2%			2042	* *	5	$2,800	
Ceramic Tile	4%			2036	* *	5	$5,600	
Marble Panels	2%	Now	$30,700	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	7%	Now	$18,300	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Foyer And Corridor								
Vinyl Tile	35%	Now	$27,000	2038	* *	3	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	10%	Now	$246,800	2043	* *	3	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 1st Floor								
Wood	30%			2048	* *	5	$78,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$37,700	2042	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5-10	$11,600	
Masonry: Brick	10%	Now	$260,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Metal Panel	5%			LIFE	* *	10	$3,100	
Plaster	70%			LIFE	* *	5-10	$81,500	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$3,400	
Ceilings								
AcousTileConcealSpLn	10%	Now	$22,500	2038	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Exposed Struc: Concrete	5%	Now	$21,000	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Gypsum Board	10%			LIFE	* *	5-10	$48,100	
Plaster	75%			LIFE	* *	5-10	$180,200	
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$30,700	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Roebling And 5th Street								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roebling Street								
Explanation : Fence Post Leaning								
Iron Picket	50%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$19,800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%	Now	$42,700	2042	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Storm Drain Along 5th Street								

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DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	30%			2055	* *	5	$700	
Molded Case Bkrs	60%			2032	$143,700	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2059	* *	1		
Motor Controllers								
Locally Mounted	50%			2050	* *	5	$300	
Variable Frequency Drive	50%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$1,260,400	10	$77,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$10,700	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	15%			2028	$62,300	10		
HID	15%	Now	$62,300	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$167,100	1	$33,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$229,600	2043	* *	1-3	$49,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$88,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2041	* *	1	$11,000	
Convector/Radiator	80%			2031	$582,200	1	$23,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	15%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Window/Wall Unit	65%			2028	$219,200	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2038	* *	1	$4,300	
No Component	85%							
Heat Rejection								
Dry Cooler	15%			2038	* *	2	$9,300	
No Component	85%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$47,100	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$31,400	
Exhaust Fans								
Interior	90%			2041	* *	2	$2,500	
Roof	10%			2041	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,143,100	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%	0-2	$1,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Street Sewer Backup When Heavy Raining Causes Water Flooding In Boiler Room								
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$2,700	4	$2,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%	Now	$2,500	2043	* *	1-2	$400	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2026	$163,200	1-3	$161,800	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 17 - Q HENRY DAVID THOREAU SCHOOL**		
Address	: **28-37 29 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q017**
Program / Asset #	: **BOE0680.000 / 323**	**Yr Built/Renovated**	: **1967 / 2007**
Area Sq Ft	: **99,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **594** **Lot** : **1**	**BIN**	: **4007663**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$149,900	$709,400
Interior Architecture	$948,000	$3,583,100
Electrical	$477,200	$683,600
Mechanical		$891,000
Site Enclosure	$205,500	
Total	**$1,780,600**	**$5,867,100**
Importance Code A	$149,900	$709,400
Importance Code B	$542,200	$5,157,700
Importance Code C	$1,088,500	
Total	**$1,780,600**	**$5,867,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,100	$18,100		$21,300
Interior Architecture	$115,000	$22,600	$13,500	$5,000
Electrical	$2,000	$3,000	$3,200	$35,900
Mechanical	$42,200	$13,600	$26,800	$29,000
Site Pavements	$17,800			
Total	**$208,200**	**$57,300**	**$43,500**	**$91,200**
Importance Code A	$40,900	$27,900	$9,800	$31,300
Importance Code B	$118,800	$6,800	$33,700	$59,900
Importance Code C	$48,500	$22,600		
Total	**$208,200**	**$57,300**	**$43,500**	**$91,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 17 - Q HENRY DAVID THOREAU SCHOOL
Asset # : 323

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$28,400	
Ceramic Tile	5%			2042	* *	10	$5,300	
Masonry: Brick	80%	0-2	$149,900	LIFE	* *	5	$91,000	
Vertical Cracks, Extent : Moderate, Area Affected : 50%								
Location : At Roof Level Bulkhead, Possible Source Of Leaks								
Metal Panel	10%			2042	* *	5-10	$78,200	
Windows								
Aluminum	100%			2040	* *	5	$36,200	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$15,700	
Masonry: Brick	90%			LIFE	* *	5	$13,700	
Roof								
Built-Up (BUR)	90%			2032	$561,500	10	$48,100	
Metal Panel	10%	0-2	$31,100	2045	* *			
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Along Entire 29th Street.								
Explanation : At Metal Ledge At Roof Level, Snow Accumulates Then Drops On Pedestrian Below								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Ceramic Tile	5%	4+	$19,000	2035	* *	5	$3,400	
Worn/Eroded, Extent : Light, Area Affected : 20%								
Location : Bathrooms								
Sheet Vinyl/Rubber	5%			2032	$440,300	5	$10,100	
Vinyl Tile	80%			2032	$2,974,800	3	$40,400	
Interior Walls								
Cast in Place Concrete	15%	Now	$883,000	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Various Locations Throughout								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : At Basement Fan Room, At Parking Area Side								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : At Basement Fan Room								
Explanation : Water Leaks During Heavy Rain Downpour								
Ceramic Tile	5%			2035	* *	5	$12,900	
Concrete Masonry Unit	10%	Now	$48,500	LIFE	* *	5	$10,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads, Cafeteria, Gymnasium								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Fiberglass Panel	2%			LIFE	* *			
Folding Partition	5%			2040	* *	5	$32,300	
Plaster	40%			LIFE	* *	5	$31,000	
SGFT/Glazed Masonry	23%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 17 - Q HENRY DAVID THOREAU SCHOOL
Asset # : 323

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%	Now	$65,000	2037	* *	5	$25,200	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : At Room 434								
Explanation : Leaks At Lighting Fixture, Potential Hazard Condition								
Exposed Struc: Concrete	45%			LIFE	* *	5	$9,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	8%			2032	$168,000			
Metal Panel	3%	Now	$40,100	LIFE	* *	5	$5,000	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Loose Units, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Plaster	9%	2-4	$7,400	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Site Enclosure								
Fence/Gates								
Chain Link	25%	Now	$78,000	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 80%								
Location : All Throughout								
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : All Throughout								
Explanation : Need Painting Maintenance								
Iron Picket	75%	0-2	$127,500	2067	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Various Locations Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$17,800	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Along 29th Street								
Tripping Hazard, Extent : Light, Area Affected : 10%								
Location : Near Tree Pit								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Asphalt	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 17 - Q HENRY DAVID THOREAU SCHOOL
Asset # : 323

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2032	$22,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2032	$22,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2032	$204,800	5	$400	
Fused Disc Sw	10%			2042	* *	5		
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	10%			2040	* *	5	$300	
Molded Case Bkrs	80%			2031	$191,600	5	$2,100	
Wiring								
Braided Cloth	90%	2-4	$262,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$500	
Locally Mounted	20%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Per Engineer, New Pump Controller Was Installed.								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$85,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	6%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$83,100	10	$11,900	
Exit, Service	50%			2027	$21,300	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 17 - Q HENRY DAVID THOREAU SCHOOL
Asset # : 323

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2027	$46,200	10		
HID	10%			2037	* *	10		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rooftop								
Explanation : Bracket Mounted HID Fixtures At Rooftop								
No Component	80%							
Alarm								
Security System								
No Component	90%							
Generic	5%			2042	* *	1	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Per Engineer, Intrusion Alarm System Is Not Working								
Generic	5%			2042	* *	1	$1,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Exit Area								
Explanation : Per Engineer CCTV Camera System Is Not Working And Other Equipment, Accessories Were Disconnected And Removed.								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$18,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$30,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 Tanks 7,500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$98,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two No.4 Oil Burning Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2052	* *	4	$7,300	
Terminal Devices								
Air Handler	20%			2032	$372,600	1	$12,200	
Convector/Radiator	80%			2037	* *	1	$25,600	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 17 - Q HENRY DAVID THOREAU SCHOOL
Asset # : 323

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%	0-2	$22,500	2030	$225,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 3%								
Location : Administrative Offices And Classrooms. Multiple Defects Throughout								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,200	
Exhaust Fans								
Interior	20%			2032	$87,800	2	$600	
Roof	80%			2032	$153,700	2	$2,400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$9,800	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$19,800	4	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sewage Ejector(s)								
Electric	100%			2032	$51,800	4	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2042	* *	1-2	$600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 18 - BK**		
Address	: **101 MAUJER STREET @ LEONARD ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K018**
Program / Asset #	: **BOE0354.000 / 363**	**Yr Built/Renovated**	: **1916 / 2019**
Area Sq Ft	: **34,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **2787** **Lot** : **1**	**BIN**	: **3069559**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$104,800
Interior Architecture		$1,042,400
Electrical		$265,000
Mechanical	$98,000	$460,000
Site Pavements		$124,400
Total	**$98,000**	**$1,996,600**
Importance Code A		$104,800
Importance Code B	$98,000	$1,891,800
Total	**$98,000**	**$1,996,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,200	$7,900		
Interior Architecture	$62,200		$5,100	$20,900
Electrical	$600	$700	$1,100	$5,000
Mechanical	$80,900	$4,500	$5,100	$69,400
Site Pavements	$600			
Total	**$148,500**	**$13,100**	**$11,400**	**$95,200**
Importance Code A	$34,300	$11,300	$3,400	$3,500
Importance Code B	$85,600	$1,800	$4,300	$91,800
Importance Code C	$28,700		$3,700	
Total	**$148,500**	**$13,100**	**$11,400**	**$95,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,300	
Masonry: Brick	60%			LIFE	* *	5	$41,900	
Masonry: Brick Cavity	25%			LIFE	* *	5	$17,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Metal Panel	2%	4+	$1,900	2042	* *	5	$2,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead Walls								
Weathering Steel	3%			LIFE	* *	1		
Windows								
Aluminum	15%			2054	* *	5	$1,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Aluminum	80%			2048	* *	5	$7,900	
Metal Louvers	2%			2035	* *	10	$1,200	
Metal Louvers	3%			2045	* *	10	$1,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$2,000	
Masonry: Brick Cavity	35%			LIFE	* *	5	$1,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Metal Rail	10%			2045	* *	5-10	$8,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,400	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Roof								
Built-Up (BUR)	50%			2032	$104,800	10	$9,000	
Metal, Corrugated	5%	0-2	$1,600	2037	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Exterior Egress Stairs								
Modified Bitumen	45%			2040	* *	10	$8,100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	4+	$5,400	2037	* *	5	$700	
Wrinkling, Extent : Moderate, Area Affected : 100%								
Location : Stairs And Landings								
Cast in Place Concrete	8%	4+	$7,900	LIFE	* *	5	$10,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Ceramic Tile	5%			2041	* *	5	$2,900	
Quarry Tile	2%			2037	* *	5	$1,700	
Vinyl Tile	65%	Now	$20,800	2032	$1,042,400	3	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Various Corridors And Classrooms								
Uneven Surface, Extent : Moderate, Area Affected : 25%								
Location : Various Corridors And Classrooms								
Wood	15%			2067	* *	5	$16,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$7,400	
Concrete Masonry Unit	20%			LIFE	* *	5	$11,800	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Glass: Single Pane	5%			LIFE	* *	5	$5,500	
Masonry: Brick	5%	Now	$28,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Basement Foundation Wall Abutting Maujer Street								
Plaster	65%			LIFE	* *	5	$28,800	
Ceilings								
AcousTileConcealSpLn	20%			2037	* *	5	$14,200	
Exposed Struc: Concrete	10%			LIFE	* *	5	$900	
Exposed Struc: Steel	5%			LIFE	* *			
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Metal Panel	5%			LIFE	* *	5	$3,600	
Metal Panel	10%			LIFE	* *	5	$7,100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Plaster	45%			LIFE	* *	5	$16,000	
Plaster	5%			LIFE	* *	5	$1,800	
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2052	* *			
Iron Picket	15%			2052	* *			
Iron Picket	30%			2076	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Explanation : Recent Construction								
Masonry: Brick	5%			2058	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Explanation : Recent Construction								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	45%			2045	* *			
Pavers/Stone	20%	4+	$600	2035	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Entrance Steps								
Steel Grating	35%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Egress Stair At Rear Yard								
Explanation : This Is Actually An Exterior Steel Tread And Riser Stair Assembly								
Activity Yard								
Asphalt	75%			2045	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Annex Addition								
Explanation : Recent Construction								
Rubber Matting	25%			2032	$124,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2032	$17,000	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Fused Disc Sw	25%			2058	* *	5		
Other Observation, Extent : N/A, Area Affected : 25%								
Location : New Gymnasium Building								
Explanation : 400 Ampere Main Switch								

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$130,000	5	$100	
Raceway								
Conduit	90%			2032	$55,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$10,000	5	$100	
Fused Disc Sw	5%			2048	* *	5		
Molded Case Bkrs	80%			2031	$79,800	5	$700	
Molded Case Bkrs	5%			2048	* *	5		
Wiring								
Thermoplastic	90%			2042	* *	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	10%			2045	* *	5		
Locally Mounted	90%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	90%			LIFE	* *	5	$500	
Generic	10%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$30,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$4,200	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2032	$16,100	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	20%			2032	$17,800	1-3	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors, Horns								
Generic, Digital	10%			2037	* *	1-3	$2,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$30,100	2037	* *	1	$30,800	
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Basement. Leak And Corrosion At Base Of Boiler 2.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units.								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$48,500	2042	* *	4	$1,700	
Steam Traps Faulty, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	85%			2030	$239,800	1	$9,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	5%	Now	$900	2027	$42,800	1	$500	
On Extended Life, Extent : Light, Area Affected : 50%								
Location : Auditorium. Unit Ventilators.								
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Gymnasium Mechanical Room								
Explanation : Refer To Air Conditioning Section For Interior Packaged A/C Unit Utilizing Steam For Heating.								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2036	* *	2	$200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Mechanical Room. Unit Installed In 2020 And Utilizes R410a.								
Split Unit	5%			2032	$41,000			
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Mdf Room								
Explanation : 1 Unit. R-410a. Associated Condenser Located On 3rd Floor Roof.								
Window/Wall Unit	75%			2025	$98,000	1		
No Component	10%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$1,900	
Ductwork/Diffusers	10%			LIFE	* *	2-5	$1,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium. Duct Distribution System Installed In 2020.								
No Component	80%							
Exhaust Fans								
Interior	5%			2040	* *	2	$100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Mechanical Room. Inline Exhaust Fans Installed In 2020.								
Roof	10%			2027	$6,700	2	$100	
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$220,200	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement. 2 Pumps.								
Water Heater With Tanks								
Electric	10%			2031	$2,400	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Mechanical Room. Unit Installed In 2020.								
Gas Fired	90%			2027	$15,400	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2032	$6,900	4	$1,100	
Backflow Preventer								
No Component	67%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : 2 Of 3 Water Mains Missing Backflow Prevention Assembly.								
Generic	33%			2040	* *	1	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Mechanical Room.								
Explanation : 1 Of 3 Water Mains With Reduced Pressure Zone (RPZ) Installed In 2020.								
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$23,900	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 18 - Q**
Address : **86-35 235 COURT BTWN: HILLSIDE AVE., 87 AVE.**
Borough : **QUEENS**
Agency's Number : **Q018**
Program / Asset # : **BOE0681.000 / 665**
Yr Built/Renovated : **1955 / 2014**
Area Sq Ft : **57,000**
Project Type : **EDUCATION**
Date of Survey : **11-Feb-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **7955** **Lot** : **2**
BIN : **4166561**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$295,800
Interior Architecture	$337,400	$1,496,800
Electrical	$119,800	$448,600
Mechanical		$1,502,800
Total	**$457,100**	**$3,743,900**
Importance Code A		$295,800
Importance Code B	$457,100	$3,448,100
Total	**$457,100**	**$3,743,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$130,500			
Interior Architecture	$195,600			$7,300
Electrical	$10,800	$5,400	$6,600	$5,700
Mechanical	$66,400	$9,400	$12,300	$8,300
Site Pavements	$21,900			
Total	**$425,100**	**$14,800**	**$18,900**	**$21,200**
Importance Code A	$136,100	$5,600	$5,600	$5,600
Importance Code B	$209,600	$9,200	$13,200	$15,600
Importance Code C	$79,400			
Total	**$425,100**	**$14,800**	**$18,900**	**$21,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$21,300	
Glass Block	2%			LIFE	* *	5	$1,100	
Masonry: Brick	88%			LIFE	* *	5	$74,900	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$8,000	
Windows								
Aluminum	100%	Now	$11,200	2049	* *	5	$5,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$37,200	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$4,400	
Metal Rail	20%			2038	* *	5-10	$26,200	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	50%			2038	* *	10	$30,100	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2048	* *	10	$7,500	
Modified Bitumen	45%	Now	$29,600	2033	$295,800			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Roof Over Auditorium								
Soffits								
Metal Panel	10%	2-4	$1,400	2043	* *	5	$500	
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Northwest Entrance								
Stucco Cement	90%			2038	* *	5	$5,900	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,900	
Mosaic Tile	5%	Now	$36,300	2038	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%	0-2	$7,200	LIFE	* *	5	$3,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Main Lobby Entrance To Auditorium								
Vinyl Tile	10%	Now	$64,200	2033	$213,800	3	$2,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	60%			2033	$1,283,000	3	$23,200	
Vinyl Tile 9" X 9"	5%	Now	$273,200	2043	* *	3	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair Landings And Basement Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Stair Landings And Basement Throughout								
Wood	5%	Now	$11,500	2048	* *	5	$3,600	
Dry Rot/Decay, Extent : Moderate, Area Affected : 15%								
Location : Auditorium Stage								
Interior Walls								
Cast in Place Concrete	5%	Now	$4,300	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Throughout Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Concrete Masonry Unit	40%			LIFE	* *	5	$18,000	
Glazed Ceramic Panel	5%	Now	$10,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Lobby								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 1st Floor Lobby								
Plaster	20%			LIFE	* *	5-10	$9,600	
SGFT/Glazed Masonry	30%	Now	$30,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$19,400	
AcousTileSusp.Lay-In	5%			2038	* *	5	$3,900	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$48,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$7,700	
Plaster	15%	0-2	$7,100	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lockers								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	80%	4+	$15,700	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	20%	Now	$3,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Side Steps								
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Asphalt	60%	Now	$3,200	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	40%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Fused Disc Sw	25%			2059	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 600 Amperes Serving The Solar Panels.								
Transformers								
Dry Type	100%			2050	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 75 Kilovolt Amperes, 480 Volts Primary, 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	3%			2049	* *	5		
Fused Disc Sw	7%			2032	$9,800	5	$100	
Molded Case Bkrs	50%			2049	* *	5	$800	
Molded Case Bkrs	40%			2032	$55,900	5	$600	
Wiring								
Braided Cloth	60%	2-4	$119,800	2058	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2053	* *	1		
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	50%			2031	$35,800	5	$200	
Locally Mounted	40%			2046	* *	5	$200	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	80%			2041	* *	10	$41,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	20%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	30%			2028	$28,700	10	$4,100	
Emergency, Battery	20%			2041	* *	10	$2,800	
Exit, LED	20%			2068	* *	1		
Exit, Service	30%			2028	$7,400	1		
Exterior Lighting								
HID	30%			2028	$79,800	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$107,000	1	$21,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$35,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$130,800	5	$17,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boiler Room Renovation Is Scheduled								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$56,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Court Yard								
Explanation : Boiler Room Renovation Is Scheduled. 1 Temporary Unit Is Being Used								
Distribution								
Steam Piping/Pump	5%	0-2	$4,600	2033	$22,800			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control System								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : 3 Control Valves, Basement								
Steam Piping/Pump	95%			2033	$433,600			
Terminal Devices								
Air Handler	20%	0-2	$10,700	2028	$214,500	1	$6,300	
Not Energy Efficient, Extent : Moderate, Area Affected : 5%								
Location : The Motors								
Convector/Radiator	80%			2031	$372,900	1	$14,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	0-2	$19,400	2033	$32,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	55%			2028	$118,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,300	
Exhaust Fans								
Interior	70%			2033	$177,000	2	$1,200	
Roof	30%			2033	$33,200	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 100 Gallon Unit								
Sanitary Piping								
Cast Iron	5%	0-2	$3,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : North West Driveway								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$1,800	4	$1,800	
Sewage Ejector(s)								
Electric	100%			2033	$29,800	4	$3,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : System Testing Needed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 18 - SI**		
Address	: **221 BROADWAY @ HENDERSON AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R018**
Program / Asset #	: **BOE0909.000 / 1444**	**Yr Built/Renovated**	: **1964 / 2013**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **176** **Lot** : **10**	**BIN**	: **5004877**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$328,500	$117,600
Interior Architecture	$801,700	$6,034,500
Electrical	$270,800	$2,155,000
Mechanical		$877,800
Total	**$1,401,000**	**$9,184,800**
Importance Code A	$328,500	$117,600
Importance Code B	$807,500	$9,067,300
Importance Code C	$265,000	
Total	**$1,401,000**	**$9,184,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$143,200			
Interior Architecture	$85,800		$19,900	$4,100
Electrical	$21,500	$8,100	$9,500	$10,000
Mechanical	$129,600	$18,800	$30,200	$25,600
Site Pavements	$7,900			
Total	**$388,100**	**$27,000**	**$59,600**	**$39,700**
Importance Code A	$151,900	$8,600	$8,600	$8,600
Importance Code B	$205,400	$18,300	$51,000	$31,100
Importance Code C	$30,800			
Total	**$388,100**	**$27,000**	**$59,600**	**$39,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast in Place Concrete	5%	Now	$10,700	LIFE		* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 5%									
Location : Basement, Crawl Space									
Glazed Ceramic Panel	10%	0-2	$29,100	LIFE		* *	5	$33,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Brick	80%	0-2	$235,100	LIFE		* *	5	$57,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Granite	5%	Now	$14,100	LIFE		* *	5	$2,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : Throughout									
Windows									
Aluminum	100%			2049		* *	5	$17,800	
Parapets									
Metal Rail	100%			2046		* *	5-10	$153,900	
Roof									
Built-Up (BUR)	95%	4+	$45,000	2038		* *			
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Roof Over Cafe									
Other Observation, Extent : Moderate, Area Affected : 2%									
Location : Hvac Unit									
Explanation : Leak At Hvac Unit Location									
Copper/Terne	5%			2048		* *	10	$10,100	
Soffits									
Cast in Place Concrete	100%			LIFE		* *	5	$71,000	
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$56,300	LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout, 301, 329, Stairs 7 And 8								
Ceramic Tile	5%	Now	$37,300	2042	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Terrazzo	5%			LIFE	* *	5	$10,300	
Vinyl Tile	45%			2038	* *	3	$22,300	
Vinyl Tile 9" X 9"	25%	0-2	$292,000	2028	$5,839,800	3	$12,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Auditorium								
Wood	10%			2061	* *	5	$24,800	
Interior Walls								
Ceramic Tile	5%	Now	$67,800	2042	* *	5	$6,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Toilets And Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Toilets And Kitchen								
Concrete Masonry Unit	10%	2-4	$115,800	LIFE	* *	5	$9,900	
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Plaster	60%			LIFE	* *	5-10	$125,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$30,800	
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$39,000	
Exposed Struc: Concrete	10%	0-2	$93,500	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Exposed Struc: Steel	5%			LIFE	* *	10	$12,500	
Fiber Board	10%			2033	$194,700			
Plaster	50%	Now	$94,900	LIFE	* *	5	$39,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Stairs								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2053	* *			
Iron Picket	30%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Graffiti, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	90%	Now	$7,900	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Rubber Matting	10%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$182,100	5	$300	
Fused Disc Sw	20%			2043	* *	5	$100	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	10%			2032	$24,000	5	$200	
Molded Case Bkrs	80%			2041	* *	5	$1,800	
Wiring								
Braided Cloth	65%	2-4	$189,600	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	15%			2033	$43,800	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$500	
Locally Mounted	20%			2031	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	83%			2033	$1,076,400	10	$66,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2033	$64,800	10	$4,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms And Auditorium								
Fluorescent	2%			2033	$25,900	10	$1,600	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Library								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$73,000	10	$10,500	
Exit, Service	40%			2033	$15,000	1		
Exit, Service	10%			2028	$3,800	1		
Exterior Lighting								
HID	20%	2-4	$81,200	2043	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2036	* *	5	$900	
Alarm								
Security System								
Generic	100%			2033	$163,300	1	$32,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside And Exit Doors								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$224,400	1-3	$55,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$86,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$48,900	2043	* *	4	$4,300	
Controller Not Working, Extent : Moderate, Area Affected : 10% Location : Boiler Room								
Terminal Devices								
Air Handler	20%			2033	$327,400	1	$10,800	
Convector/Radiator	80%			2038	* *	1	$22,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	15%			2038	* *	2	$800	
Window/Wall Unit	70%	Now	$23,100	2028	$230,700	1		
Damaged, Extent : Severe, Area Affected : 10% Location : Rooms 112, 301, 203								
No Component	15%							
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2	$21,200	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,800	
Exhaust Fans								
Interior	30%			2033	$115,800	2	$800	
Roof	70%			2033	$118,200	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2053	* *	1		
Galvanized Steel	80%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Backflow Preventer								
No Component	50%							
Generic	50%			2041	* *	1	$2,700	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$2,400	
Chemical System								
Generic	100%			2028	$85,700	1-3	$84,900	
	Other Observation, Extent : N/A, Area Affected : 5%							
	Location : Kitchen							
	Explanation : 21 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 19 - BK**		
Address	: **325 SOUTH 3RD STREET @ KEAP ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K019**
Program / Asset #	: **BOE0355.000 / 337**	**Yr Built/Renovated**	: **1911 / 2000**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2423** **Lot** : **1**	**BIN**	: **3063188**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$76,100	$206,600
Interior Architecture		$7,714,000
Electrical	$159,700	$692,400
Mechanical	$614,100	$2,708,100
Site Pavements		$181,600
Total	**$849,900**	**$11,502,700**
Importance Code A	$76,100	$895,100
Importance Code B	$773,800	$10,498,700
Importance Code C		$108,800
Total	**$849,900**	**$11,502,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$9,400		$46,700
Interior Architecture	$24,800	$40,300	$13,100	
Electrical	$2,200	$3,000	$3,100	$47,700
Mechanical	$27,600	$11,300	$17,200	$23,600
Site Pavements	$56,000			
Total	**$110,600**	**$64,000**	**$33,500**	**$118,000**
Importance Code A	$7,800	$17,200	$7,800	$54,700
Importance Code B	$92,400	$20,100	$25,600	$63,300
Importance Code C	$10,400	$26,700		
Total	**$110,600**	**$64,000**	**$33,500**	**$118,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$87,500	
Masonry: Brick	52%			LIFE	* *	5	$72,800	
Masonry: Brick	33%	4+	$76,100	LIFE	* *	5	$46,200	
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Activity Yard								
Masonry: Limestone	7%			LIFE	* *	5	$7,400	
Windows								
Aluminum	98%			2048	* *	5	$35,800	
Metal Louvers	2%			2041	* *	10	$4,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,500	
Masonry: Brick	85%			LIFE	* *	5	$10,400	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Interior Parapet								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Interior Parapet								
Metal Rail	5%			2045	* *	5-10	$11,100	
Roof								
Built-Up (BUR)	97%			2037	* *	10	$46,700	
Metal Panel	3%			2045	* *	10	$2,600	
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,700	
Mosaic Tile	5%			2045	* *	5	$15,600	
Terrazzo	1%	Now	$2,300	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby Entry Stairs								
Vinyl Tile	59%			2032	$2,035,500	3	$27,600	
Vinyl Tile 9" X 9"	25%			2032	$5,510,400	3	$11,700	
Wood	5%			2060	* *	5	$11,700	
Interior Walls								
Ceramic Tile	10%			2035	* *	5	$53,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$21,300	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	4%	Now	$10,400	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bulkhead								
Plaster	64%			LIFE	* *	5	$102,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$12,100	2037	* *	5	$9,400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Steel	8%			LIFE	* *			
Metal Panel	1%			LIFE	* *	5	$1,600	
Plaster	76%			LIFE	* *	5	$59,300	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$19,700	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	45%			2041	* *			
Pavers/Stone	15%			2041	* *			
Rubber Matting	10%			2037	* *			
Traffic Topping	30%	Now	$36,300	2032	$181,600			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Track								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	20%			2042	* *	5	$100	
Molded Case Bkrs	80%			2032	$156,100	5	$1,700	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	80%			2031	$143,700	5	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$159,700	2057	* *	1		
Insulation Damaged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$69,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$66,300	10	$9,500	
Exit, Service	50%			2032	$17,000	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$44,500	1	$8,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Exit Doors								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$14,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2032	$181,300	5	$24,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks 7500 Gallons Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	$688,600	1	$78,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	30%	0-2	$3,800	2032	$189,800			
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Steam Piping/Pump	70%			2032	$442,800			
Terminal Devices								
Air Handler	20%			2027	$297,300	1	$9,800	
Convector/Radiator	80%			2030	$516,800	1	$20,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2027	$209,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,100	
Exhaust Fans								
Interior	30%			2032	$105,100	2	$700	
Roof	70%			2027	$107,300	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$201,700	1		
HW Heat Exchanger								
Steam Fired	100%			2032	$382,000	4	$11,700	
Sanitary Piping								
Cast Iron	20%	0-2	$4,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Area								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,200	2032	$15,800	4	$1,700	
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : One Unit Clogged								
Sewage Ejector(s)								
Electric	100%			2032	$41,400	4	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2032	$21,900	1-2	$500	
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 19 - M ASHER LEVY**		
Address	: **185 1ST AVENUE BTWN: E 11 ST AND E 12 ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M019**
Program / Asset #	: **BOE0012.000 / 2607**	**Yr Built/Renovated**	: **1956 / 2006**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **453** **Lot** : **34**	**BIN**	: **1006478**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$316,500	$87,100
Interior Architecture	$1,436,300	
Electrical	$490,100	$1,044,500
Mechanical	$732,200	$2,968,000
Total	**$2,975,200**	**$4,099,700**
Importance Code A	$1,048,700	$87,100
Importance Code B	$1,771,400	$4,012,500
Importance Code C	$155,100	
Total	**$2,975,200**	**$4,099,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$114,900		$17,300	
Interior Architecture	$223,200		$22,000	$9,400
Electrical	$34,600	$7,800	$8,300	$10,200
Mechanical	$86,200	$16,400	$20,300	$15,500
Site Pavements	$16,900			
Total	**$475,900**	**$24,200**	**$67,900**	**$35,100**
Importance Code A	$114,900	$8,300	$25,600	$8,300
Importance Code B	$274,800	$15,900	$42,300	$21,600
Importance Code C	$86,100			$5,200
Total	**$475,900**	**$24,200**	**$67,900**	**$35,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 19 - M ASHER LEVY

Asset # : 2607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$15,100	
Masonry: Brick	89%			LIFE	* *	5	$89,500	
Masonry: Limestone	5%			LIFE	* *	5	$3,800	
Granite Panels	3%			LIFE	* *	5	$2,300	
Windows								
Aluminum	99%	Now	$22,700	2049	* *	5	$11,900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Classrooms And Stairwell								
Metal Louvers	1%			2042	* *	10	$1,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$17,900	
Masonry: Brick	65%			LIFE	* *	5-10	$28,000	
Metal Rail	25%			2046	* *	5-10	$28,400	
Roof								
Copper/Terne	5%			2061	* *	10	$11,500	
Modified Bitumen	95%			2041	* *	10	$87,100	
Soffits								
Pre-Cast Concrete	100%	Now	$316,500	LIFE	* *	5	$43,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Window Sun Shades Throughout								
Interior								
Floors								
Cast in Place Concrete	15%	Now	$34,500	LIFE	* *	5	$44,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Water Meter								
Ceramic Tile	5%			2042	* *	5	$6,800	
Terrazzo	10%			LIFE	* *	5	$21,100	
Vinyl Tile	55%			2038	* *	3	$27,900	
Vinyl Tile 9" X 9"	5%	Now	$1,193,600	2043	* *	3	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs And Various Offices								
Wood	10%			2061	* *	5	$25,400	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$25,800	
Ceramic Tile	5%			2042	* *	5	$10,300	
Concrete Masonry Unit	40%	Now	$155,100	LIFE	* *	5	$33,000	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Water Meter								
Glass: Single Pane	5%			LIFE	* *	5	$15,500	
Glazed Ceramic Panel	5%			LIFE	* *	10	$9,300	
Plaster	20%			LIFE	* *	5-10	$35,100	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$20,600	

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DEPARTMENT OF EDUCATION - 040
P. S. 19 - M ASHER LEVY
Asset # : 2607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%	Now	$34,100	2046	* *	5	$26,500	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Classrooms								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Classrooms								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$16,500	
Metal Panel	20%	4+	$87,700	LIFE	* *	5	$33,100	
Bent/Warped Elements, Extent : Light, Area Affected : 10%								
Location : 1st Floor And Basement Corridors								
Plaster	30%			LIFE	* *	5-10	$68,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,900	2046	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : 11th Street And 1st Avenue								
On-Site Walkways								
Cast in Place Concrete	50%			2046	* *			
Masonry: Granite	50%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Pavers/Stone	10%			2046	* *			
Rubber Matting	10%			2041	* *			
Traffic Topping	80%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$227,600	2063	* *	5	$200	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Electrical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 19 - M ASHER LEVY

Asset # : 2607

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Knife Sw	10%	2-4	$24,000	2058	* *	5	$100	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	65%			2032	$155,700	5	$1,400	
Molded Case Bkrs	15%			2041	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$262,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$72,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	6%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$70,500	10	$10,100	
Exit, Service	50%			2033	$18,100	1		
Exterior Lighting								
HID	18%			2028	$70,600	10		
LED	2%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$157,700	1	$31,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$216,700	1-3	$53,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								

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DEPARTMENT OF EDUCATION - 040
P. S. 19 - M ASHER LEVY
Asset # : 2607

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$26,000	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Outside. Underground								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside. Underground								
Explanation : No. 4 Oil, 10,000 Gallons Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$732,200	2053	* *	1	$74,900	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Tubes Of No.2 Unit.								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Obsolete Boilers, They Are Scheduled To Be Replaced This Year.								
Distribution								
Steam Piping/Pump	100%	Now	$33,600	2033	$672,700			
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump. Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Terminal Devices								
Air Handler	40%			2028	$632,300	1	$20,800	
Convector/Radiator	60%			2031	$412,100	1	$16,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%	0-2	$9,200	2033	$184,200	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units. Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Inefficient Units								
Window/Wall Unit	60%			2028	$190,900	1		
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2028	$260,800	1	$10,400	
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - M ASHER LEVY

Asset # : 2607

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	20%			2033	$38,900	2	$11,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,200	
Exhaust Fans								
Interior	80%			2028	$298,000	2	$2,100	
Roof	20%			2028	$32,600	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$10,700	2031	$214,500	1		
Not Insulated, Extent : Moderate, Area Affected : 50%								
Location : Water Main And Piping, Basement Meter Room								
Water Heater With Tanks								
Gas Fired	100%			2031	$102,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Using 500 Gallon Old Heat Exchanger As Storage Tank.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$16,800	4	$2,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$23,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 19 - Q**		
Address	: **98-02 ROOSEVELT AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q019**
Program / Asset #	: **BOE0682.000 / 1218**	**Yr Built/Renovated**	: **1923 / 2019**
Area Sq Ft	: **243,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **1607** **Lot** : **1**	**BIN**	: **4437176**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$702,400	$370,400
Interior Architecture	$7,750,300	$546,100
Electrical	$224,600	$741,600
Mechanical	$60,200	$5,615,700
Total	**$8,737,600**	**$7,273,800**
Importance Code A	$702,400	$370,400
Importance Code B	$7,547,600	$6,674,000
Importance Code C	$487,600	$229,400
Total	**$8,737,600**	**$7,273,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,200	$1,600		
Interior Architecture	$175,800		$30,500	$17,500
Electrical	$54,600	$42,400	$44,400	$40,600
Mechanical	$209,300	$72,000	$128,600	$110,800
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$473,800**	**$125,800**	**$213,300**	**$178,800**
Importance Code A	$48,800	$25,600	$24,100	$24,100
Importance Code B	$406,300	$100,200	$178,500	$154,800
Importance Code C	$18,600		$10,800	
Total	**$473,800**	**$125,800**	**$213,300**	**$178,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$166,300	
Masonry: Brick	40%			LIFE	* *	5	$170,300	
Masonry: Brick Cavity	45%			LIFE	* *	5	$191,600	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : New Wing								
Explanation : Recent New School Addition								
Masonry: Limestone	10%			LIFE	* *	5	$31,900	
Windows								
Aluminum	50%	4+	$268,100	2049	* *	5	$9,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Various								
Aluminum	50%			2058	* *	5	$18,700	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : New Addition Exterior Facades								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$68,800	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$66,300	
Masonry: Brick Cavity	45%			LIFE	* *	5-10	$74,600	
Recent Construction, Extent : N/A, Area Affected : 45%								
Location : New Addition								
Metal: Cage/Fence	2%			2050	* *	5-10	$3,800	
Metal: Cage/Fence	3%			2053	* *	5-10	$5,600	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : New Addition								
Roof								
Built-Up (BUR)	20%	4+	$8,300	2038	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Classroom 509 At Roof Drain								
Copper/Terne	2%			2048	* *	10	$8,900	
Modified Bitumen	60%			2041	* *	10	$106,300	
Plaza Roof: Stone Panels	5%			2053	* *			
Plaza Roof: Stone Panels	10%			2063	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : New Addition Roof Area								
Explanation : Recent Installation								
Skylight, Metal/Glass	3%			2043	* *	10	$17,700	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$153,400	
Ceramic Tile	5%			2042	* *	5	$17,500	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Toilets Roof And Kitchen								
Explanation : New Ceramic Tiles In New Addition								
Terrazzo	5%	4+	$32,800	LIFE	* *	5	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Lobby Of 1924 Wing								
Terrazzo	5%			LIFE	* *	5	$27,400	
Traffic Topping	5%	Now	$836,500	2043	* *	5	$11,000	
Split/Cracked, Extent : Severe, Area Affected : 35%								
Location : Stairs, Fifth Floor Corridor								
Wrinkling, Extent : Severe, Area Affected : 50%								
Location : Stairs, Fifth Floor Corridor								
Vinyl Tile	45%			2041	* *	3	$59,200	
Vinyl Tile 9" X 9"	20%	0-2	$6,188,000	2043	* *	3	$26,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Wood	5%			2048	* *	5	$32,900	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$179,300	
Ceramic Tile	3%			2036	* *	5	$21,500	
Ceramic Tile	20%			2048	* *	5	$143,400	
Recent Construction, Extent : N/A, Area Affected : 20%								
Location : New Addition								
Gypsum Board	20%			LIFE	* *	5-10	$243,800	
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : New Addition								
Masonry: Brick	2%			LIFE	* *	10	$4,300	
Marble Panels	5%			LIFE	* *	10	$14,300	
Plaster	20%			LIFE	* *	5-10	$121,900	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$71,700	
Ceilings								
AcousTileSusp.Lay-In	40%			2053	* *	5	$147,600	
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : New Addition								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$46,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$36,900	
Gypsum Board	3%			LIFE	* *	5-10	$38,100	
Metal Panel	2%			LIFE	* *	5	$18,500	
Plaster	40%			LIFE	* *	5-10	$253,700	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	55%			2053	* *			
Iron Picket	45%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	20%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : New Addition								
Explanation : New Installation								
Cast in Place Concrete	70%			2038	* *			
Masonry: Granite	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Various								
Explanation : Missing Mortar Joints								
Activity Yard								
Asphalt	45%			2042	* *			
Asphalt	50%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : New Addition								
Explanation : New Activity Yard								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere And Three 1,200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2050	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 30 Kilovolt Amperes 480 Volts Primary Voltage, 208 Volts Secondary Voltage								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$1,000	
Raceway								
Conduit	35%			2033	$236,000	1		
Conduit	65%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	3%			2032	$19,200	5	$200	
Fused Disc Sw	7%			2055	* *	5	$400	
Molded Case Bkrs	30%			2032	$191,600	5	$1,900	
Molded Case Bkrs	60%			2055	* *	5	$3,800	
Wiring								
Braided Cloth	25%	2-4	$224,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing Building								
Thermoplastic	10%			2033	$89,800	1		
Thermoplastic	65%			2059	* *	1		
Motor Controllers								
Locally Mounted	35%			2031	$127,000	5	$600	
Locally Mounted	35%			2050	* *	5	$600	
Variable Frequency Drive	30%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$74,800	
Generators								
Diesel	100%			2046	* *	1	$94,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Penthouse								
Explanation : One 250 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$9,000	
Fuel Storage								
Day Tank	100%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Penthouse								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	35%			2038	* *	10	$78,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Wing Building								
LED	65%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Emergency, Battery	10%			2028	$40,800	10	$5,900	
Exit, Service	40%			2041	* *	1		

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$1,900	
Alarm								
Security System								
Generic	50%			2041	* *	1	$45,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium Exit Doors And Basement								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	50%			2041	* *	1	$45,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$149,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Basement								
Explanation : Strobe Lights, Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	60%			2046	* *	1	$144,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Steam Boiler	40%			2050	* *	1	$96,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Penthouse. Three New Gasoline Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	80%	0-2	$21,300	2032	$425,100	4	$9,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Heat Exchanger, Leaking Water Regulator Devices. Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Thermostats Throughout								
Steam Piping/Pump	20%	0-2	$19,500	2043	* *			
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2028	$914,600	1	$30,100	
Convector/Radiator	60%			2031	$1,192,200	1	$47,100	
Fan Coil Unit/Heat	20%			2028	$1,205,000	1	$15,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	35%			2041	* *	1	$39,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof Of New Building								
Explanation : 2 Units At Roof Of New Building								
Split Unit	5%			2038	* *			
Window/Wall Unit	20%	0-2	$3,700	2028	$184,100	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Rooms 310, 325								
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2038	* *	2	$169,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$214,500	
Exhaust Fans								
Interior	100%			2028	$1,077,700	2	$7,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$5,100	
Backflow Preventer								
Generic	100%			2043	* *	1	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Installed Unit								
Fixtures								
Generic	100%							
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Explanation : Toilets Clogged								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : New Building								
Explanation : 2 New Elevators								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$67,200	1-2	$1,400	
Chemical System								
Generic	100%			2028	$489,600	1-3	$485,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set. 120 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 19 - SI**
Address : **780 POST AVENUE @ GREENLEAF AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0910.000 / 1445**
Area Sq Ft : **75,366**
Date of Survey : **17-Jun-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **227** **Lot** : **24**
Agency's Number : **R019**
Yr Built/Renovated : **1930 / 1999**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5006175**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,199,000	$517,000
Interior Architecture	$67,700	$4,914,100
Electrical	$1,591,100	$652,000
Mechanical	$506,800	$2,235,300
Site Pavements	$76,900	
Total	**$3,441,600**	**$8,318,500**
Importance Code A	$1,199,000	$517,000
Importance Code B	$2,242,600	$7,801,500
Total	**$3,441,600**	**$8,318,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$202,000		$2,500	$8,000
Electrical	$8,400	$8,000	$54,200	$8,400
Mechanical	$90,200	$10,500	$16,700	$10,500
Site Enclosure	$29,100			
Site Pavements	$57,200			
Total	**$386,900**	**$18,500**	**$73,400**	**$27,000**
Importance Code A	$13,000	$7,500	$7,600	$7,500
Importance Code B	$271,200	$11,000	$65,800	$19,500
Importance Code C	$102,700			
Total	**$386,900**	**$18,500**	**$73,400**	**$27,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$741,400	LIFE	* *	5	$450,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$186,600	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Sills And Other Areas								
Staining/Discoloring, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$271,100	2047	* *	5	$9,500	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,100	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$3,700	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2039	* *	10	$66,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	25%	4+	$48,000	LIFE	* *	5	$61,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Mosaic Tile	5%	Now	$26,500	2036	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sheet Vinyl/Rubber	3%			2031	$221,400	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$4,400	
Vinyl Tile	40%	0-2	$24,900	2031	$1,246,500	3	$16,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	17%	Now	$67,700	2031	$3,384,600	3	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	Now	$33,600	2046	* *	5	$5,300	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$18,200	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Transformer Room								
Ceramic Tile	5%	Now	$5,300	2034	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Roof Mechanical Room								
Masonry: Brick	10%	0-2	$36,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$14,400	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%	Now	$3,600	2036	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	15%	Now	$5,400	2036	* *	5	$10,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	20%			LIFE	* *	5	$3,500	
Metal Panel	5%			LIFE	* *	5	$7,100	
Plaster	55%			LIFE	* *	5	$38,800	
Site Enclosure								
Fence/Gates								
Aluminum Picket	10%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Metal Panels								
Chain Link	70%			2041	* *			
Iron Picket	20%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$29,100	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Vehicular And Pedestrian Ramps								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$14,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	85%	2-4	$8,900	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%	0-2	$1,700	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Exit Stairs								
Masonry: Granite	5%	Now	$3,000	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Stairs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%								
Location : Front Stairs								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$29,200	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	95%	2-4	$76,900	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Rubber Matting	5%			2031	$47,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	100%			2031	$144,600	1		
Panelboards								
Fused Knife Sw	10%			2030	$18,000	5	$200	
Fused Toggle Switch	5%			2030	$9,000	5	$100	
Molded Case Bkrs	85%			2030	$152,700	5	$1,700	
Wiring								
Braided Cloth	70%			2030	$139,700	1		
Thermoplastic	10%			2031	$20,000	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$500	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$1,101,000	10	$67,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2026	$20,900	2		
LED	1%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2026	$4,600	1		
Emergency, Battery	40%			2036	* *	10	$7,300	
Exit, Service	40%			2026	$13,000	1		
Exit, Battery	10%			2036	* *	10	$500	
Exterior Lighting								
HID	100%			2026	$351,700	10	$200	
Alarm								
Security System								
Generic	50%			2041	* *	1	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2026	$70,700	1	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2039	* *	1-3	$47,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Oil Tank								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	2%			2044	* *	1	$1,500	
Steam Boiler	98%	Now	$12,900	2044	* *	1	$65,800	
Damaged, Extent : Severe, Area Affected : 20%								
Location : 11 Plugged Tubes On Boiler No.2 And Damaged Framing In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$42,400	2041	* *	4	$3,700	
Controller Not Working, Extent : Light, Area Affected : 10%								
Location : Chemical Feed System In Basement Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 1 Of 4 Safety Valves Leaking At Boiler No.2 In Basement Boiler Room								
Terminal Devices								
Air Handler	10%			2031	$141,800	1	$4,700	
Air Handler	10%	Now	$7,100	2031	$141,800	1	$4,200	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Steam Coil In Ductwork At Gymnasium Supply Fan Leaking Located In 3rd Floor Mechanical Room								
Convector/Radiator	60%	Now	$7,400	2029	$369,800	1	$13,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Rooms 220, 310								
Fan Coil Unit/Heat	10%			2026	$186,900	1	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Unit Ventilators In All Classrooms.								
Explanation : Antiquated								
Fan Coil Unit/Heat	10%	Now	$18,700	2026	$186,900	1	$2,200	
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Unit Ventilators In Various Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2029	$285,500	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Explanation : 5 Window Air Conditioning Units Recently Installed.								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$66,200	LIFE	* *	2-5	$42,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Exhaust Air Damper Actuators Defective For Auditorium Exhaust Fan In Basement Fan Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	Now	$66,900	2031	$334,300	2	$1,800	
Broken, Extent : Severe, Area Affected : 25%								
Location : Leather Belt Defective For House Exhaust Fan No.1 In Basement Fan Room								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Motor Of Gymnasium Exhaust Fan Defective In 3rd Floor Mechanical Room								
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Motor For House Exhaust Fan No.2 In Basement Fan Room								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$962,100	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Gymnasium, Basement								
Explanation : Two Storm Piping Risers Replaced In Gymnasium. Majority Of Storm Piping Connected To Areaways Were Replaced And Additional Piping Were Installed For Discharge Into Sump Pump Tanks.								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,400	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement								
Explanation : 3 Of 4 Sump Pumps Upgraded In 2018.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,100	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 20 - BK**
Address : **225 ADELPHI STREET BTWN: DEKALB AVE., WILLOUGHBY AV**
Borough : **BROOKLYN**
Agency's Number : **K020**
Program / Asset # : **BOE0356.000 / 2519**
Yr Built/Renovated : **1951 / 2017**
Area Sq Ft : **92,000**
Project Type : **EDUCATION**
Date of Survey : **16-Nov-2021**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2091** **Lot** : **3**
BIN : **3058531**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$317,400	$66,100
Interior Architecture	$4,265,800	
Electrical	$504,900	$962,400
Mechanical	$2,435,900	$7,928,500
Site Pavements	$87,800	
Total	**$7,611,800**	**$8,957,100**
Importance Code A	$317,400	$944,400
Importance Code B	$7,145,400	$8,012,700
Importance Code C	$149,100	
Total	**$7,611,800**	**$8,957,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,500			
Interior Architecture	$160,500			$8,400
Electrical	$89,700	$8,700	$10,600	$9,600
Mechanical	$387,400	$35,800	$38,800	$52,300
Site Enclosure	$11,900			
Site Pavements	$3,300			
Total	**$686,300**	**$44,400**	**$49,400**	**$70,300**
Importance Code A	$42,600	$9,100	$9,100	$9,100
Importance Code B	$593,400	$35,300	$40,300	$61,200
Importance Code C	$50,400			
Total	**$686,300**	**$44,400**	**$49,400**	**$70,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$4,900	
Masonry: Brick	85%			LIFE	* *	5	$132,300	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$5,800	
Metal Panel	5%			2053	* *	5-10	$26,800	
Windows								
Aluminum	95%	0-2	$126,300	2049	* *	5	$12,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Fiberglass Panel	5%			2049	* *	5	$4,800	
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$67,200	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$7,100	
Metal Security Bars	10%			2048	* *			
Roof								
Copper/Terne	3%			2061	* *	10	$4,000	
Modified Bitumen	50%			2038	* *	10	$26,700	
Plaza Roof: Stone Panels	45%	Now	$67,500	2053	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Above 3rd Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Above 3rd Floor								
Explanation : Modified Bitumen Below Pavers								
Sloped Glazing	2%	Now	$19,400	LIFE	* *	5	$14,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Room 209								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$19,600	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Boiler Room								
Ceramic Tile	5%	Now	$13,000	2042	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Staff Toilets Throughout								
Terrazzo	5%	0-2	$21,500	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Stair Landings								
Vinyl Tile	56%	Now	$71,200	2038	* *	3	$17,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								
Vinyl Tile 9" X 9"	24%	Now	$3,897,500	2043	* *	3	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	5%	Now	$5,500	2048	* *	5	$3,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium At Drinking Fountain								
Interior Walls								
Concrete Masonry Unit	10%	Now	$13,500	LIFE	* *	5	$2,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Masonry: Brick	5%	Now	$68,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	60%			LIFE	* *	5-10	$33,400	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$80,700	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$148,100	2046	* *	5	$10,500	
Adhesion Failure, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium, Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium, Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Cafeteria								
AcousTileSusp.Lay-In	5%	Now	$1,500	2038	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$52,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	20%			LIFE	* *	5-10	$28,900	
Site Enclosure								
Fence/Gates								
Chain Link	95%			2043	* *			
Iron Picket	5%			2053	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Rear Play Yard								
Free Standing Walls								
Concrete Masonry Unit	10%	Now	$3,700	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Play Yard								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Masonry: Brick	90%	Now	$8,200	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rear Yard								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Rear Yard								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$3,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%	Now	$87,800	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Rear Yard								
Rubber Matting	25%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$44,600	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2033	$5,000	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$249,200	2063	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Raceway								
Conduit	100%			2033	$221,000	1		
Panelboards								
Fused Disc Sw	10%			2032	$26,200	5	$200	
Fused Knife Sw	10%	0-2	$26,200	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room And Fan Room								
Molded Case Bkrs	75%			2032	$196,700	5	$1,800	
Molded Case Bkrs	5%			2055	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor And Basement								
Explanation : Ac Panelboard								
Wiring								
Braided Cloth	80%	0-2	$255,600	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	18%			2033	$57,500	1		
Thermoplastic	2%			2059	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor And Basement								
Explanation : Ac Panelboards, Recent Installation								
Motor Controllers								
Locally Mounted	100%			2031	$130,800	5	$600	

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$81,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 98%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
HID	2%			2028	$23,900	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : HID Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	$84,600	10	$11,100	
Exit, Service	50%			2028	$21,700	1		
Exterior Lighting								
HID	1%			2028	$4,700	10		
HID	9%	Now	$42,300	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Exterior Lighting								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$189,100	1	$34,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Motion Sensors And Intrusion Alarms								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$56,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$28,500	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Tank No. 2 Repair In Progress								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : 2 Tanks 7,500 Gallons Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2031	$878,200	1	$91,100	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$283,300	2033	$2,833,300	4	$4,500	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Radiators And Drip Legs Throughout.								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Insulation Missing On Branch Piping To Coils At Air Handlers Throughout.								
Explanation : Insulation Missing On Branch Piping T								
Terminal Devices								
Air Handler	40%	0-2	$75,800	2028	$758,500	1	$20,500	
Broken, Extent : Severe, Area Affected : 30%								
Location : Second Steam Coil At Unit 2 A Disconnected.								
Damaged, Extent : Severe, Area Affected : 5%								
Location : Flexible Connectors Throughout								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Coil Leaks In The Fan Room, Basement								
Convector/Radiator	60%	Now	$49,400	2031	$494,400	1	$16,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Stairways								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Rooms 304, 309, 315, 316 And 317								
Explanation : No Heat								
Controls								
Pneumatic	100%	0-2	$194,700	2027	$1,947,300			
Malfunctioning, Extent : Severe, Area Affected : 70%								
Location : Pneumatic Valves In Basement And Regulators At Unit 4C, 7l And G At Fan Rooms.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	1%			2033	$23,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Server Room And Roof								
Explanation : Serves Intermediate Distribution Frame Room								
Window/Wall Unit	70%			2028	$267,200	1		
No Component	29%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,200	
Exhaust Fans								
Interior	95%	0-2	$42,500	2028	$424,500	2	$2,100	
Broken, Extent : Severe, Area Affected : 20%								
Location : Filter And Frame At Kitchen Exhaust Fan.								
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Kitchen Exhaust In The Kitchen								
Roof	5%	Now	$1,000	2028	$9,800	2	$100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Exhaust Fan Number 14								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$129,400	2033	$1,294,100	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Piping At Cross Bay, Basement								
Controller Not Working, Extent : Severe, Area Affected : 30%								
Location : Automatic Sinks Throughout								
Damaged, Extent : Severe, Area Affected : 30%								
Location : Flushometer Heads								
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Faucets At Classroom Sinks Throughout								
Water Heater With Tanks								
Gas Fired	100%			2028	$130,900	2		
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Boiler Room								
Explanation : 2 Units. One 200 Gallon Tank For Kitchen And One 350 Gallon Tank For Domestic Use. Tanks Equipped With Steam Stem Coils For Winter Operation. Qty 7								
HW Heat Exchanger								
Steam Fired	100%			2033	$487,200	4	$13,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks Shared With Gas Fired Heaters Used For Winter Domestic Water And Kitchen Service.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$17,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Areaway And Roof Drains								
Sump Pump(s)								
Non-Submersible	100%	Now	$4,000	2033	$20,200	4	$1,900	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$69,700	1-2	$1,300	
Chemical System								
Generic	100%			2028	$290,400	1-3	$262,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 65 Square-foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 20 - M**		
Address	: **166 ESSEX STREET @ STANTON ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M020**
Program / Asset #	: **BOE0013.000 / 2690**	**Yr Built/Renovated**	: **1962 / 2007**
Area Sq Ft	: **92,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **355** **Lot** : **1**	**BIN**	: **1004325**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$470,800	$950,500
Interior Architecture	$15,089,300	
Electrical	$448,200	$788,600
Mechanical	$290,700	$224,400
Site Pavements	$765,500	
Total	**$17,064,600**	**$1,963,600**
Importance Code A	$470,800	$950,500
Importance Code B	$16,593,800	$1,013,100
Total	**$17,064,600**	**$1,963,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$6,600		
Interior Architecture	$107,400	$12,900		$45,400
Electrical	$13,100	$2,500	$3,300	$133,400
Mechanical	$108,500	$19,200	$25,900	$41,700
Site Enclosure	$23,000			
Site Pavements	$28,800			
Total	**$280,900**	**$41,200**	**$29,200**	**$220,500**
Importance Code A	$24,600	$15,700	$9,100	$9,300
Importance Code B	$156,800	$25,500	$20,100	$211,200
Importance Code C	$99,500			
Total	**$280,900**	**$41,200**	**$29,200**	**$220,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%	Now	$93,400	LIFE	* *	5	$56,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$900	
Windows								
Aluminum	95%	Now	$191,500	2048	* *	5	$10,000	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Metal Louvers	5%			2035	* *	10	$6,600	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$6,300	
Metal Rail	50%			2045	* *	5-10	$143,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,000	
Roof								
Built-Up (BUR)	70%			2037	* *	10	$99,100	
Copper/Terne	5%			2060	* *	10	$17,700	
IRMA/Protected Membrane	25%			2032	$837,700	10	$35,400	
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,100	
Ceramic Tile	5%	0-2	$46,500	2041	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Toilet Rooms, Kitchen								
Terrazzo	5%			LIFE	* *	5	$6,400	
Vinyl Tile	25%			2037	* *	3	$15,500	
Vinyl Tile 9" X 9"	50%	Now	$291,200	2027	$14,557,900	3	$30,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Classrooms, 2nd Floor Corridor								
Wood	5%			2060	* *	5	$15,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$47,700	2041	* *	5	$4,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Toilet Rooms								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilet Rooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,900	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$23,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	35%			2037	* *	5	$70,100	
Exposed Struc: Concrete	50%	Now	$240,200	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement, 3rd Floor								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor								
Metal Panel	5%	Now	$13,300	LIFE	* *	5	$10,000	
Bent/Warped Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$10,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$23,000	2067	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Driveway Gate On Norfolk Street								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$121,300	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Essex Street And Stanton Street								
On-Site Walkways								
Cast in Place Concrete	55%			2037	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	40%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$28,800	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Driveway								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Parking Area								
Activity Yard								
Asphalt	90%	Now	$569,400	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Play Yard								
Rubber Matting	10%	Now	$74,800	2042	* *			
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Play Yard								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	80%			2031	$191,600	5	$1,900	
Molded Case Bkrs	10%			2048	* *	5	$200	
Wiring								
Braided Cloth	75%	2-4	$218,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$58,300	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$81,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2027	$21,800	10	$100	
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$77,200	10	$11,100	
Exit, Service	50%			2027	$19,800	1		
Exterior Lighting								
HID	10%			2027	$42,900	10		
LED	10%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$34,500	1	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$71,200	1-3	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Hallways								
Explanation : Alarm Bells, Manual Pull Stations Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using No.2 Oil Only, Gas Line Is Not Connected								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	50%			2045	* *	1	$45,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	50%	0-2	$20,000	2037	* *	1	$41,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : No. 2 Boiler Leaking Tubes								
Distribution								
Steam Piping/Pump	100%	0-2	$14,700	2042	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various								
Terminal Devices								
Air Handler	20%			2037	* *	1	$11,400	
Convector/Radiator	80%			2045	* *	1	$23,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	20%			2037	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various								
Explanation : 3 Units For The Kitchen, Multiframe Distribution Frame Room And Kitchen.								
Window/Wall Unit	60%	0-2	$20,900	2027	$209,100	1		
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Various. 35 Percent Of Units Are Not Working								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various								
Explanation : Inefficiently								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,300	
Exhaust Fans								
Interior	20%			2032	$81,600	2	$600	
Roof	80%	Now	$2,900	2032	$142,800	2	$1,800	
Broken, Extent : Moderate, Area Affected : 2%								
Location : 1 Motor, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$23,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Kitchen Grease Trap								
Storm Drain Piping								
Cast Iron	100%	0-2	$6,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Storm Drain At Parking Lot Parking Lot Collapsing								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$38,200	1-2	$800	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 20 - Q**		
Address	: **142-30 BARCLAY AVENUE @ BOWNE ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q020**
Program / Asset #	: **BOE0683.000 / 1194**	**Yr Built/Renovated**	: **1949 / 1996**
Area Sq Ft	: **130,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5047** **Lot** : **1**	**BIN**	: **4114657**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$158,500	$229,400
Interior Architecture	$12,088,100	$82,500
Electrical	$299,200	$3,252,400
Mechanical	$396,900	$3,533,300
Site Enclosure	$88,100	
Site Pavements	$211,900	
Total	**$13,242,700**	**$7,097,600**
Importance Code A	$237,900	$1,143,900
Importance Code B	$12,645,700	$5,953,700
Importance Code C	$359,200	
Total	**$13,242,700**	**$7,097,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$99,700		$19,400	
Interior Architecture	$174,400		$18,900	$15,300
Electrical	$46,100	$21,200	$22,400	$24,400
Mechanical	$174,900	$59,000	$55,800	$79,800
Site Enclosure	$31,600			
Site Pavements	$73,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$608,000**	**$88,000**	**$124,300**	**$127,400**
Importance Code A	$101,600	$10,900	$30,300	$10,900
Importance Code B	$386,800	$77,100	$94,000	$116,500
Importance Code C	$119,500			
Total	**$608,000**	**$88,000**	**$124,300**	**$127,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$6,300	
Masonry: Brick Cavity	75%			LIFE	* *	5	$152,000	
Masonry: Granite	3%			LIFE	* *	5	$4,600	
Masonry: Limestone	5%	4+	$39,900	LIFE	* *	5	$3,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Upper Portion Of Facade Walls								
Metal Panel	7%			2053	* *	5-10	$48,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$32,900	
Windows								
Aluminum	90%			2049	* *	5	$32,400	
Metal Louvers	10%			2042	* *	10	$22,500	
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$96,700	
Masonry: Limestone	5%			LIFE	* *	5-10	$10,800	
Metal Rail	10%			2046	* *	5-10	$31,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,100	
Roof								
Built-Up (BUR)	5%	0-2	$6,500	2033	$64,700			
Drains Clogged, Extent : Severe, Area Affected : 5%								
Location : Lower Roof								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Lower Roof								
Copper/Terne	5%			2048	* *	10	$13,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair								
Metal Panel	10%			2053	* *	10	$20,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Modified Bitumen	80%			2043	* *	10	$88,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Soffits								
Masonry: Limestone	90%			LIFE	* *	5		
Stucco Cement	10%			2046	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$165,000	
Ceramic Tile	3%	0-2	$31,900	2036	* *	5	$2,800	
Patching Evident, Extent : Severe, Area Affected : 5%								
Location : Student Toilet Rooms								
Terrazzo	2%			LIFE	* *	5	$5,900	
Vinyl Tile	35%	Now	$182,300	2038	* *	3	$24,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout Basement, Classrooms								
Vinyl Tile 9" X 9"	30%	Now	$9,983,500	2043	* *	3	$21,200	
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Corridors Of 1949 Wing								
Wood	10%	Now	$1,124,600	2073	* *	5	$17,700	
Deflection Evident, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Floor								
Ridging, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Floor								
Staining/Discoloring, Extent : Severe, Area Affected : 5%								
Location : Gymnasium Floor								
Interior Walls								
Concrete Masonry Unit	25%	2-4	$93,000	LIFE	* *	5	$19,800	
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *	10	$4,000	
Plaster	50%			LIFE	* *	5-10	$84,100	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$14,800	
Wood	5%			LIFE	* *	5	$79,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%	Now	$7,600	2038	* *	5	$5,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridor								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Throughout								
AcousTileSusp.Lay-In	20%			2046	* *	5	$37,700	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$23,600	
Exposed Struc: Steel	10%	Now	$453,200	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Atrium								
Paint Peeling, Extent : Light, Area Affected : 30%								
Location : Atrium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Atrium								
Gypsum Board	10%			LIFE	* *	5-10	$64,800	
Metal Panel	5%			LIFE	* *	5	$23,600	
Plaster	40%	Now	$114,700	LIFE	* *	5	$47,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Towers								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair Towers								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Iron Picket	75%	0-2	$24,500	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%	Now	$7,100	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	20%			2053	* *			
Masonry: Brick	80%	4+	$88,100	2053	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$43,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	20%			2036	* *			
Cast in Place Concrete	70%	Now	$18,000	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	10%	0-2	$11,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$211,900	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	25%			2046	* *			
Rubber Matting	75%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere And Two 1,200 Ampere Main Disconnect Switches. The Old Service Equipment Is Still In The Building But Is Abandoned								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : The Switch Gear Is Still In The Building And Is Abandoned								
Raceway								
Conduit	70%			2033	$170,600	1		
Conduit	30%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	8%			2032	$24,000	5	$200	
Fused Disc Sw	2%			2041	* *	5	$100	
Fused Knife Sw	5%	2-4	$15,000	2058	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Mechanical Room								
Fused Toggle Switch	20%	2-4	$59,900	2058	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor, Second Floor And Auditorium								
Explanation : On Extended Life								
Molded Case Bkrs	25%			2041	* *	5	$900	
Molded Case Bkrs	40%			2032	$119,700	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$239,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	10%			2033	$34,200	1		
Motor Controllers								
Locally Mounted	60%			2038	* *	5	$500	
Locally Mounted	40%			2031	$72,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$40,000	
Generators								
Diesel	100%			2029	$138,700	1	$50,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 300 Kilowatts								
Batteries								
Nickel Cadmium	100%	Now	$2,500	2029	$2,500	5	$14,500	
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Generator Room Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2032	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 50 Gallons Capacity Built In Tank To The Generator								
Main Tank	50%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$1,899,100	10	$116,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2033	$30,800	10	$100	
Egress Lighting								
Emergency, Service	40%			2033	$32,000	1		
Emergency, Battery	10%			2028	$21,800	10	$3,100	
Exit, Service	50%			2028	$28,000	1		
Exterior Lighting								
HID	20%			2028	$121,300	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2036	* *	5	$1,200	
Alarm								
Security System								
Generic	100%			2028	$244,000	1	$48,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Offices								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$335,300	1-3	$82,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	70%			2053	* *	1		
Interruptible Gas/Dual Fuel	30%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Gasoline Fuel, No. 2 Fuel								
Conversion Equipment								
Furnace	30%			2033	$121,300	1	$19,300	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 4 Units								
Steam Boiler	70%	Now	$79,300	2031	$793,200	1	$81,100	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Tubes In The Boiler Room								
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	70%	Now	$255,900	2043	* *	4	$4,500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Broken Pump For Heat Exchanger								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Condensate Pumps And Make Up Tank								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Pneumatic Control								
No Component	30%							
Terminal Devices								
Air Handler	25%			2033	$611,600	1	$20,100	
Convector/Radiator	45%			2038	* *	1	$18,900	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	40%	Now	$38,400	2038	* *	1	$21,700	
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : Chiller Compressor In The Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : Penthouse								
Split Unit	10%	0-2	$61,700	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium. Units Malfunctioning								
Window/Wall Unit	30%			2028	$147,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Four Units Are Not Working								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2053	* *	4	$3,800	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2033	$807,200	1	$32,200	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2033	$120,400	2	$36,200	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$114,800	
Exhaust Fans								
Interior	70%			2033	$403,600	2	$2,800	
Roof	30%			2033	$75,700	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$26,000	4	$4,100	
Sewage Ejector(s)								
Electric	100%	0-2	$34,000	2033	$68,100	4	$5,200	
Broken, Extent : Moderate, Area Affected : 50%								
Location : One Electric Motor Broken								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2033	$58,100	1	$8,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 1st Floor, One Unit From Basement To 3rd Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$65,600	
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$1,100	
Chemical System								
Generic	100%			2028	$326,400	1-3	$323,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression								
80 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 20 - SI**		
Address	: **161 PARK AVENUE @NEW STREET**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R020**
Program / Asset #	: **BOE0911.000 / 1446**	**Yr Built/Renovated**	: **1914 / 2011**
Area Sq Ft	: **34,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1020** **Lot** : **1**	**BIN**	: **5106979**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$52,000
Interior Architecture		$317,400
Electrical	$190,600	$132,900
Mechanical	$222,000	$414,300
Total	**$412,500**	**$916,600**
Importance Code A		$318,700
Importance Code B	$412,500	$597,900
Total	**$412,500**	**$916,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,200		$21,600	$4,100
Interior Architecture	$43,100	$1,800	$6,300	$3,900
Electrical	$2,600	$2,300	$37,300	$2,000
Mechanical	$46,600	$4,100	$36,800	$4,100
Total	**$97,400**	**$8,200**	**$102,000**	**$14,100**
Importance Code A	$18,500	$3,000	$24,700	$7,200
Importance Code B	$77,100	$3,300	$77,300	$6,900
Importance Code C	$1,800	$1,800		
Total	**$97,400**	**$8,200**	**$102,000**	**$14,100**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$17,900	
Masonry: Brick	85%			LIFE	* *	5	$38,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,400	
Windows								
Aluminum	100%			2047	* *	5	$8,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,800	
Masonry: Brick	90%			LIFE	* *	5	$7,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Copper/Terne	5%			2059	* *	10	$3,200	
Modified Bitumen	85%			2036	* *	10	$21,600	
Single Ply Membrane	10%	Now	$5,200	2031	$52,000			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor In Addition								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$4,900	
Ceramic Tile	10%			2034	* *	5	$4,400	
Traffic Topping	15%			2031	$317,400	5	$8,300	
Vinyl Tile	70%	4+	$17,200	2036	* *	3	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$3,600	
Ceramic Tile	5%			2040	* *	5	$3,600	
Gypsum Board	10%			LIFE	* *	5	$4,300	
Masonry: Brick	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$15,200	
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$4,200	
AcousTileSusp.Lay-In	10%	0-2	$1,400	2044	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Addition Corridor								
Plaster	80%	Now	$20,500	LIFE	* *	5	$21,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	20%			2036	* *			
Under Construction	80%							
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Main Disconnect Switches Rated At 400 And 200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$100	
Raceway								
Conduit	100%			2031	$61,200	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	90%			2039	* *	5	$800	
Wiring								
Braided Cloth	40%			2030	$30,900	1		
Thermoplastic	60%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$30,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2036	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2036	* *	10	$3,300	
Exit, Battery	50%			2036	* *	10	$1,100	
Exterior Lighting								
HID	100%			2026	$158,600	10	$100	
Alarm								
Security System								
Generic	50%			2026	$31,900	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2039	* *	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2031	$35,100	1-3	$8,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 7000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	90%	Now	$13,300	2029	$266,700	1	$27,300	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Draft Controller At Boilers In Boiler Room								
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Low-water Cut-off At Boiler No.1 In Boiler Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Steam Boilers Are Antiquated In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two No.4 Oil- fired Steam Boilers Each Boiler's Casing Was Partially Re-insulated.								
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : 3 Gas Furnaces - Identified Under Air Conditioning Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	80%	Now	$68,800	2041	* *	4	$1,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump In Boiler Room								
Explanation : Noisy, Vibrating Motor								
No Component	20%							
Terminal Devices								
Convector/Radiator	70%			2036	* *	1	$7,700	
Fan Coil Unit/Heat	10%	Now	$1,500	2026	$75,900	1	$1,000	
Broken, Extent : Light, Area Affected : 50%								
Location : Kitchen, Multi-purpose Room And Various Other Locations								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : Unit Heaters								
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%	Now	$5,700	2031	$57,100	2	$200	
Controller Not Working, Extent : Moderate, Area Affected : 25%								
Location : Heat And Cooling Issues Due To Defective Controls From Units Located On Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Three Rooftop Units Each With A Built-in Gas Furnace								
Window/Wall Unit	60%			2026	$77,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	3%	Now	$900	LIFE	* *	2-5	$600	
Damaged, Extent : Light, Area Affected : 2%								
Location : Damaged Flexible Connection At Auditorium Supply Fan Located In Boiler Room								
Ductwork/Diffusers	97%			LIFE	* *	2-5	$18,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%			2031	$90,500	2	$600	
Roof	40%	Now	$2,600	2031	$26,400	2	$300	
Broken, Extent : Light, Area Affected : 10%								
Location : Exhaust Fans On Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$21,700	2036	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Defective Curb Valve At Water Main Located In Multi-purpose Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Multi-purpose Room								
Explanation : Two Water Mains								
Water Heater With Tanks								
Electric	10%			2026	$2,400	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Electric Water Heater								
Gas Fired	90%			2026	$15,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 125 Gallon Gas-fired Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$6,800	4	$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 21 - BK**		
Address	: **180 CHAUNCEY STREET @ PATCHEN AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K021**
Program / Asset #	: **BOE0357.000 / 338**	**Yr Built/Renovated**	: **1956 / 2008**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1692** **Lot** : **17**	**BIN**	: **3047914**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$521,000	$895,000
Interior Architecture	$5,354,700	
Electrical	$1,468,400	$698,200
Mechanical	$583,800	$3,443,200
Site Pavements	$103,300	
Total	**$8,031,200**	**$5,036,300**
Importance Code A	$521,000	$1,688,100
Importance Code B	$7,510,200	$3,348,200
Total	**$8,031,200**	**$5,036,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,600			
Interior Architecture	$204,700	$7,700	$2,200	$13,400
Electrical	$46,300	$2,600	$33,500	$2,000
Mechanical	$29,900	$12,300	$53,100	$19,100
Site Enclosure	$3,800			
Site Pavements	$41,300			
Total	**$365,600**	**$22,600**	**$88,800**	**$34,500**
Importance Code A	$48,700	$9,000	$9,200	$9,000
Importance Code B	$248,800	$9,600	$79,600	$25,500
Importance Code C	$68,100	$4,000		
Total	**$365,600**	**$22,600**	**$88,800**	**$34,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	3%			LIFE	* *	5	$2,600	
Glazed Ceramic Panel	10%			LIFE	* *	5	$64,000	
Paint Peeling, Extent : Light, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	83%			LIFE	* *	5	$113,400	
Graffiti, Extent : Moderate, Area Affected : 2%								
Location : Wall Above Lower Roof								
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : Interior Courtyards								
Masonry: Limestone	2%	4+	$4,300	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Border Around Stairs								
Slate Panels	2%	4+	$4,200	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$107,100	2047	* *	5	$11,200	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	80%	2-4	$198,700	LIFE	* *	5	$15,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Upper Roofs								
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Upper Roof Corners								
Metal Rail	10%	0-2	$13,200	2044	* *	5	$13,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Freestanding Railings								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Railing Posts								
Explanation : Concave Pitch Pockets								
Pre-Cast Concrete	10%			LIFE	* *	5	$12,300	
Vegetation Growth, Extent : Moderate, Area Affected : 40%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	75%	0-2	$215,300	2031	$717,500			
Debris on Roof, Extent : Light, Area Affected : 10%								
Location : Low Roofs								
Split/Cracked, Extent : Severe, Area Affected : 15%								
Location : Low Roof By Parking Area								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Entrance Canopy								
Copper/Terne	5%			2059	* *	10	$10,200	
Modified Bitumen	20%	4+	$17,900	2036	* *			
Debris Present, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Northeast Corner								
Soffits								
Metal Panel	100%			2051	* *	5-10		
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Front Entrance Canopy								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$25,000	LIFE	* *	5	$32,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2040	* *	5	$7,400	
Sheet Vinyl/Rubber	2%			2036	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	53%	Now	$43,100	2036	* *	3	$29,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Vinyl Tile 9" X 9"	20%	Now	$103,800	2026	$5,191,700	3	$11,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	5%	Now	$43,900	2046	* *	5	$6,900	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout Gymnasium And Stage								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$6,700	
Concrete Masonry Unit	10%	Now	$25,200	LIFE	* *	5	$5,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Electrical Room								
Fabric on Framing	2%			2035	* *	5	$1,300	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	60%	Now	$39,100	LIFE	* *	5	$24,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Stair Bulkhead								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	Now	$28,400	2036	* *	5	$22,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	50%	Now	$59,200	2044	* *	5	$46,000	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,300	
Plaster	10%			LIFE	* *	5	$9,200	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	1%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Marion Street Parking Area								
Explanation : Below Iron Picket Fence								
Chain Link	75%			2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Iron Picket	24%	2-4	$3,800	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Corner Posts And Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 60%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Graffiti, Extent : Light, Area Affected : 5%								
Location : Marion Street Parking Area								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$103,300	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	100%	0-2	$41,300	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Rear Yard								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 800 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	25%			2051	* *	5	$100	
Molded Case Bkrs	75%			2031	$170,700	5	$1,800	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Knife Sw	2%	2-4	$4,800	2056	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Fused Toggle Switch	2%	2-4	$4,800	2056	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	66%			2030	$158,100	5	$1,600	
Molded Case Bkrs	20%	0-2	$24,000	2039	* *	5	$200	
Mech. Misoperation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : Computers And Air Conditioner Trip Breakers								
Wiring								
Braided Cloth	75%	0-2	$218,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2031	$58,300	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	75%			2026	$1,017,400	10	$62,600	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	10%			2036	* *	10	$8,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	15%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LEDs Observed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$76,400	10	$11,000	
Exit, Service	50%			2026	$19,600	1		
Exterior Lighting								
HID	20%			2026	$84,900	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$6,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Has Central Station Connection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$211,600	5	$28,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Fuel Oil No. 4 / Bio Fuel								
Conversion Equipment								
Steam Boiler	100%			2029	$793,200	1	$90,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2031	$728,700			
Terminal Devices								
Air Handler	20%			2026	$342,500	1	$11,300	
Convector/Radiator	70%			2029	$520,900	1	$20,600	
Unit Heater - Steam	10%			2031	$51,700	4	$800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	2%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Main Distribution Frame Rooms								
Window/Wall Unit	70%			2026	$241,300	1		
No Component	28%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,700	
Exhaust Fans								
Interior	80%			2036	* *	2	$2,200	
Recent Repair Evident, Extent : N/A, Area Affected : 80%								
Location : Various								
Roof	20%			2036	* *	2	$600	
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2041	* *	1		
Galvanized Steel	60%			2029	$697,000	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$440,000	4	$9,000	
Abandoned in Place, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$18,200	4	$1,900	
Sewage Ejector(s)								
Electric	100%			2031	$47,600	4	$3,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	96%							
Generic	4%			2041	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 21 - Q**		
Address	: **147-36 26 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q021**
Program / Asset #	: **BOE0684.000 / 1195**	**Yr Built/Renovated**	: **1964 / 2006**
Area Sq Ft	: **104,300**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4803** **Lot** : **1**	**BIN**	: **4108665**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$383,000
Interior Architecture	$16,884,900	
Electrical	$239,300	$547,000
Mechanical	$471,600	$2,541,100
Total	**$17,595,700**	**$3,471,100**
Importance Code A		$1,175,200
Importance Code B	$17,595,700	$2,295,900
Total	**$17,595,700**	**$3,471,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$41,000	$9,300		
Interior Architecture	$44,500	$34,200		$39,100
Electrical	$13,800	$3,800	$3,900	$35,700
Mechanical	$47,900	$15,400	$28,000	$49,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$151,100**	**$66,600**	**$35,800**	**$128,800**
Importance Code A	$62,100	$18,600	$9,300	$9,500
Importance Code B	$56,500	$43,200	$26,500	$119,200
Importance Code C	$32,500	$4,800		
Total	**$151,100**	**$66,600**	**$35,800**	**$128,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$12,100	
Masonry: Brick	93%			LIFE	* *	5	$120,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$21,000	
Windows								
Aluminum	67%			2048	* *	5	$19,000	
Aluminum	32%	Now	$8,700	2048	* *	5	$4,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Room 105 And 205								
Metal Louvers	1%			2041	* *	10	$1,800	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$14,400	
Metal Rail	5%			2045	* *	5-10	$15,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,600	
Roof								
Copper/Terne	5%			2060	* *	10	$9,300	
IRMA/Protected Membrane	15%			2032	$262,700	10	$11,100	
Modified Bitumen	80%	4+	$32,400	2037	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof By Drains								
Soffits								
Alum/Vinyl Siding	2%			2052	* *	10		
Stucco Cement	98%			2049	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$38,100	
Mosaic Tile	5%			2045	* *	5	$21,700	
Terrazzo	5%			LIFE	* *	5	$6,800	
Vinyl Tile	25%			2037	* *	3	$16,300	
Vinyl Tile 9" X 9"	55%			2027	$16,884,900	3	$47,800	
Interior Walls								
Ceramic Tile	3%			2045	* *	5	$9,600	
Concrete Masonry Unit	8%			LIFE	* *	5	$10,300	
Fabric on Framing	2%	Now	$32,500	2037	* *	5	$1,600	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Explanation : Gymnasium Wall Padding Bunch At Bottom								
Glazed Ceramic Panel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$19,300	
Mosaic Tile	4%			LIFE	* *			
Plaster	43%			LIFE	* *	5	$41,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2037	* *	5	$54,400	
AcousTileSusp.Lay-In	15%			2045	* *	5	$26,100	
Exposed Struc: Concrete	20%			LIFE	* *	5	$5,400	
Metal Panel	5%			LIFE	* *	5	$10,900	
Plaster	35%			LIFE	* *	5	$38,000	
Site Enclosure								
Fence/Gates								
Chain Link	45%			2052	* *			
Iron Picket	55%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 26th And 27th Avenue Side								
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Pavers/Stone	10%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entrances								
Explanation : Granite								
Activity Yard								
Asphalt	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2052	* *	5	$2,700	
Raceway								
Conduit	20%			2052	* *	1		
Conduit	80%			2032	$195,000	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	30%			2048	* *	5	$800	
Molded Case Bkrs	60%			2031	$143,700	5	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$239,300	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing Of The Building								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$145,200	5	$600	
Locally Mounted	10%			2045	* *	5	$100	
Locally Mounted	10%	2-4	$10,900	2052	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	30%			2037	* *	10	$28,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Of The Building								
Explanation : T-8 Lamps								
Fluorescent	66%			2040	* *	10	$63,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Old Wing Of The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	40%			2040	* *	10	$10,100	
Emergency, Battery	10%			2037	* *	10	$2,500	
Exit, Service	40%			2040	* *	1		
Exit, Service	10%			2037	* *	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$11,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$19,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Gymnasium, Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$242,500	5	$32,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks Each 7,500 Gallon								
Conversion Equipment								
Furnace	20%	0-2	$6,500	2032	$64,900	1	$9,300	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : No.2 Unit. No.1 And No.10 Are Defective Units. New Wing Roof.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 11 Rooftop Units.								
Steam Boiler	80%	4+	$14,500	2030	$727,300	1	$74,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room Equipment Operating Satisfactorily But Is Beyond Its Useful Life Cycle								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two No.6 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	80%	Now	$13,400	2032	$668,200			
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : The Head Valve, On Top Of No.1 Boiler At Boiler Room.								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room And Throughout Old Wing Of The Building, Beyond Useful Life Cycle								
No Component	20%							
Terminal Devices								
Air Handler	20%			2027	$392,600	1	$12,900	
Convector/Radiator	60%			2030	$511,700	1	$20,200	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2037	* *	2	$1,300	
Window/Wall Unit	20%	0-2	$7,900	2027	$79,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Locations In Old Wing Of The Building, Multiple Mechanical And Electrical Defects								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2032	$92,500	2	$600	
Roof	80%			2032	$161,900	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2058	* *	4	$10,300	
Sanitary Piping								
Cast Iron	20%			LIFE	* *	1		
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	20%			LIFE	* *	1		
Cast Iron	80%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,300	
Backflow Preventer								
No Component	80%							
Generic	20%			2037	* *	1	$1,300	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Water Meter Room							
	Explanation : New Wing Only							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : From Basement To 3rd Floor							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2052	* *	1-5	$10,500	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : New Wing							
	Explanation : Stand Pipe System In New Wing Only							
Sprinkler								
No Component	75%							
Generic	20%			2052	* *	1-2	$5,900	
Generic	5%			2032	$72,100	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Kitchen								
Explanation : New Wing Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 21 - SI**
Address : **168 HOOKER PLACE NEAR TRANTOR PLACE**
Borough : **STATEN ISLAND** | **Agency's Number** : **R021**
Program / Asset # : **BOE0912.000 / 1447** | **Yr Built/Renovated** : **1906 / 2011**
Area Sq Ft : **34,000** | **Project Type** : **EDUCATION**
Date of Survey : **15-Jun-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **1135** **Lot** : **1** | **BIN** : **5026335**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$84,500	$51,300
Interior Architecture	$56,000	$303,400
Electrical	$190,600	$167,200
Mechanical	$114,200	$70,800
Site Pavements	$65,900	
Total	**$511,200**	**$592,700**
Importance Code A	$84,500	$51,300
Importance Code B	$370,700	$541,400
Importance Code C	$56,000	
Total	**$511,200**	**$592,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$84,600			
Interior Architecture	$45,700	$1,400	$2,600	$5,500
Electrical	$2,500	$2,300	$34,600	$2,000
Mechanical	$4,200	$4,100	$4,600	$5,800
Site Enclosure	$47,100			
Site Pavements	$59,500			
Total	**$243,500**	**$7,700**	**$41,800**	**$13,300**
Importance Code A	$87,300	$2,700	$2,800	$2,700
Importance Code B	$109,100	$5,000	$39,000	$10,600
Importance Code C	$47,100			
Total	**$243,500**	**$7,700**	**$41,800**	**$13,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$23,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,900	
Masonry: Brick	85%	0-2	$84,500	LIFE	* *	5	$51,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	0-2	$19,600	2036	* *	5	$7,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Wood Cornice								
Windows								
Aluminum	100%			2039	* *	5	$11,300	
Parapets								
Cast Stone/Terra Cotta	5%	0-2	$2,700	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5	$4,200	
Metal Rail	25%			2044	* *	5-10	$26,900	
Roof								
Modified Bitumen	60%	Now	$19,300	2036	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Single Ply Membrane	35%	0-2	$21,100	2036	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	5%			2051	* *	10	$4,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$12,000	
Ceramic Tile	5%			2040	* *	5	$2,700	
Vinyl Tile	20%	2-4	$6,100	2031	$303,400	3	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Vinyl Tile	60%			2036	* *	3	$16,500	
Wood	5%			2046	* *	5	$5,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$9,800	
Masonry: Brick	15%	4+	$56,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Adjacent To Girls Toilet								
Plaster	60%	Now	$28,600	LIFE	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	25%			2044	* *	5	$13,700	
Plaster	75%			LIFE	* *	5	$25,700	
Site Enclosure								
Fence/Gates								
Chain Link	90%	0-2	$16,400	2041	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Post And Rail								
Iron Picket	10%	2-4	$2,000	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Along Hooker Place								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$28,600	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Along Walker Street And Trantor Place								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	90%	Now	$65,900	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Rubber Matting	10%	Now	$43,300	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In Annex								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2031	$78,000	5	$100	
Molded Case Bkrs	40%			2041	* *	5	$400	
Raceway								
Conduit	30%			2051	* *	1		
Conduit	70%			2031	$42,900	1		
Panelboards								
Fused Disc Sw	1%			2030	$1,000	5		
Fused Knife Sw	1%			2030	$1,000	5		
Fused Toggle Switch	1%			2030	$1,000	5		
Molded Case Bkrs	97%			2039	* *	5	$900	
Wiring								
Thermoplastic	40%			2051	* *	1		
Thermoplastic	60%			2031	$46,300	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	99%			2036	* *	10	$30,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	1%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2031	$22,800	10	$3,300	
Exit, Battery	50%			2036	* *	10	$1,100	
Exterior Lighting								
HID	100%			2026	$158,600	10	$100	
Alarm								
Security System								
Generic	50%			2039	* *	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2026	$31,900	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2031	$35,100	1-3	$8,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 1,700 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	80%			2044	* *	1	$26,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Duel Fuel Steam Boilers								
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : 10 Gas-fired Furnaces - Indicated Under Air Conditioning Units								
Distribution								
Central Plant Steam Piping/Pmp	80%			2051	* *	4	$1,300	
No Component	20%							
Terminal Devices								
Air Handler	20%			2036	* *	1	$4,200	
Convector/Radiator	60%			2036	* *	1	$6,600	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2026	$114,200	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 10 Rooftop Units Each With Built In Gas-fired Furnaces								
Window/Wall Unit	55%			2029	$70,800	1		
No Component	25%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$3,800	
No Component	80%							
Exhaust Fans								
Interior	20%			2031	$30,200	2	$200	
Roof	20%			2036	* *	2	$200	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2051	* *	1		
Galvanized Steel	75%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$6,800	4	$700	
Sewage Ejector(s)								
Electric	100%			2031	$17,800	4	$1,400	
Backflow Preventer								
Generic	100%	Now	$300	2031	$15,200	1	$1,900	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement - Boiler Room, Closet Near Stair A								
Explanation : 2 Water Mains. 1 Of 2 Leaking At Reduced Pressure Zone Device In Basement Boiler Room.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 22 - Q**		
Address	: **153-33 SANFORD AVENUE @ MURRAY ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q022**
Program / Asset #	: **BOE0685.000 / 1196**	**Yr Built/Renovated**	: **1966 / 2009**
Area Sq Ft	: **64,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5328** **Lot** : **1**	**BIN**	: **4438184**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$538,600	$97,100
Interior Architecture	$3,052,700	$14,469,700
Electrical	$279,800	$760,700
Mechanical	$955,600	$904,300
Site Enclosure	$68,200	
Site Pavements		$299,200
Total	**$4,895,000**	**$16,531,000**
Importance Code A	$594,400	$654,900
Importance Code B	$4,128,200	$15,876,000
Importance Code C	$172,400	
Total	**$4,895,000**	**$16,531,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$90,400		$19,000	
Interior Architecture	$126,100			$12,700
Electrical	$42,100	$6,000	$7,400	$6,800
Mechanical	$97,800	$9,600	$14,100	$12,100
Site Enclosure	$7,600			
Site Pavements	$8,100			
Total	**$372,100**	**$15,600**	**$40,600**	**$31,700**
Importance Code A	$90,400	$6,300	$25,400	$6,300
Importance Code B	$224,800	$9,300	$15,200	$25,300
Importance Code C	$56,900			
Total	**$372,100**	**$15,600**	**$40,600**	**$31,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%			LIFE	* *	5	$194,200	
Masonry: Brick Cavity	63%	0-2	$355,300	LIFE	* *	5	$40,800	
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : At Corners								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Classrooms 125, 123, Basement Workshop, Electrical Room								
Granite Panels	7%			LIFE	* *	5	$6,800	
Windows								
Aluminum	100%	Now	$34,500	2049	* *	5	$7,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$53,800	
Masonry: Brick Cavity	45%			LIFE	* *	5-10	$26,700	
Metal Rail	20%			2046	* *	5-10	$31,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,500	
Roof								
Built-Up (BUR)	95%	Now	$86,300	2038	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Classrooms 329 And 327								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : At Parapet Base								
Explanation : Open Seams								
Copper/Terne	5%			2068	* *	10	$9,700	
Soffits								
Mosaic Tile	100%			2043	* *	10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,700	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2042	* *	5	$5,000	
Mosaic Tile	3%	Now	$28,100	2038	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Vinyl Tile 9" X 9"	82%	Now	$2,893,900	2028	$14,469,700	3	$30,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$9,400	2042	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And 1st Floor Toilets								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And 1st Floor Toilets								
Concrete Masonry Unit	10%	0-2	$53,300	LIFE	* *	5	$4,500	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Folding Partition	5%			2049	* *	5	$14,200	
Glazed Ceramic Panel	2%			LIFE	* *	10	$2,000	
Plaster	55%	Now	$30,300	LIFE	* *	5	$18,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Storage Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Storage Room								
SGFT/Glazed Masonry	25%	0-2	$50,900	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$31,200	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Corridors								
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$62,300	
Plaster	25%			LIFE	* *	5-10	$42,900	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	80%	0-2	$68,200	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Barclay Avenue								
Retaining Walls								
Cast in Place Concrete	30%			2068	* *			
Masonry: Brick	70%	Now	$7,600	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	50%			2036	* *			
Cast in Place Concrete	50%	0-2	$8,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	60%			2036	* *			
Rubber Matting	40%			2033	$299,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$100	
Molded Case Bkrs	90%			2032	$161,700	5	$1,500	
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$56,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$53,700	10	$7,700	
Exit, Service	50%			2028	$13,800	1		
Exterior Lighting								
HID	10%			2028	$29,900	10		
HID	10%	Now	$29,900	2043	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
Generic	100%	Now	$120,100	2043	* *	1	$21,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Exit Doors, Hallways And Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Exit Doors And Offices								
Explanation : No CCTV Only Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$39,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium, Cafeteria And Basement								
Explanation : Strobe Lights, Alarm Bell, Horns, Smoke Detectors, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7,500 Gallon Tanks								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$55,800	2031	$557,800	1	$57,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room. No. 2 Boiler Malfunctioning. Broken Fresh Air Louver.								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : The Boilers Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two No.4 Oil Burning Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$899,800	2043	* *	4	$3,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump Broken								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Terminal Devices								
Air Handler	20%	Now	$12,000	2033	$240,900	1	$7,100	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Auditorium Blower Steam Coil. Basement Fan Room								
Convector/Radiator	80%	0-2	$41,900	2038	* *	1	$14,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Hallway Radiator Leaking								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$1,200	2028	$24,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 10 Percent Of The Unit Is Not Working								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,500	
Exhaust Fans								
Interior	15%			2033	$42,600	2	$300	
Roof	85%	0-2	$10,600	2033	$105,600	2	$1,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Roof. One Classsroom Exhaust Fan Broken Bearing								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$6,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	0-2	$11,300	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Storm Drain Leaking At Basement								
Sump Pump(s)								
Non-Submersible	100%			2033	$12,800	4	$2,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$900	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

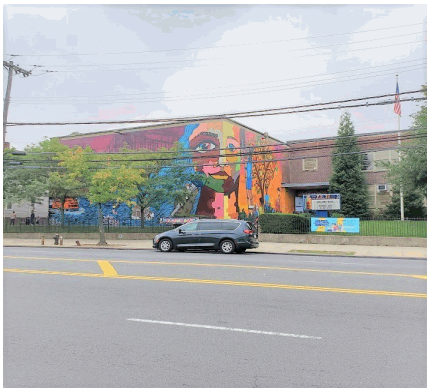
DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 22 - SI**
Address : **1860 FOREST AVENUE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0913.000 / 2526**
Area Sq Ft : **99,000**
Date of Survey : **07-Oct-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **1706** **Lot** : **1**

Agency's Number : **R022**
Yr Built/Renovated : **1914 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5107239**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$364,200	$1,075,300
Interior Architecture	$426,700	$3,964,300
Electrical		$1,668,500
Mechanical	$570,300	$1,975,700
Site Enclosure	$134,600	
Total	**$1,495,800**	**$8,683,900**
Importance Code A	$364,200	$1,075,300
Importance Code B	$912,100	$7,551,300
Importance Code C	$219,500	$57,200
Total	**$1,495,800**	**$8,683,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$120,700			
Interior Architecture	$150,500		$10,600	$15,700
Electrical	$30,500	$16,100	$18,900	$19,300
Mechanical	$118,800	$44,300	$61,500	$67,600
Site Enclosure	$40,500			
Site Pavements	$100,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$565,300**	**$64,400**	**$94,900**	**$106,500**
Importance Code A	$130,500	$9,800	$9,800	$9,800
Importance Code B	$325,000	$54,600	$85,100	$96,700
Importance Code C	$109,800			
Total	**$565,300**	**$64,400**	**$94,900**	**$106,500**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$45,400	
Masonry: Brick	50%	Now	$298,900	LIFE	* *	5	$72,600	
Expansion Joint Failure, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Building Expansion Joint								
Masonry: Brick Cavity	45%			LIFE	* *	5	$130,700	
Masonry: Limestone	3%			LIFE	* *	5	$6,500	
Windows								
Aluminum	100%			2049	* *	5	$27,000	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$33,900	
Masonry: Brick	70%	Now	$35,300	LIFE	* *	5	$5,600	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$4,900	
Metal Cornice	5%			2061	* *	10	$1,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,000	
Roof								
Built-Up (BUR)	70%			2033	$729,900	10	$62,500	
Gravel/Slag Surface, Extent : Light, Area Affected : 90%								
Location : Throughout Upper Roofs								
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : At Patch Locations								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room A217								
Copper/Terne	5%			2048	* *	10	$11,200	
Roll Roofing	25%	0-2	$14,500	2029	$145,000	5	$18,600	
Miss/Damaged Flashings, Extent : Severe, Area Affected : 2%								
Location : 1999 Wing								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : 1999 Wing								
Soffits								
Cast in Place Concrete	25%			LIFE	* *	5		
Cast Stone/Terra Cotta	75%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2032	$130,500	3	$11,100	
Ceramic Tile	5%	Now	$41,600	2036	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Patching Evident, Extent : Light, Area Affected : 50%								
Location : Toilets And Kitchen								
Vinyl Tile	70%	Now	$142,700	2038	* *	3	$38,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%			2033	$3,907,100	3	$11,100	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%			2061	* *	5	$13,800	
Interior Walls								
Ceramic Tile	7%	Now	$126,600	2036	* *	5	$11,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets And Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Concrete Masonry Unit	5%			LIFE	* *	5	$13,200	
Gypsum Board	5%			LIFE	* *	5-10	$28,000	
Plaster	58%	Now	$92,800	LIFE	* *	5	$57,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$41,100	
Ceilings								
AcousTile,Adhered	35%			2038	* *	5	$51,700	
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$46,100	
Plaster	40%			LIFE	* *	5-10	$101,500	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Stair Bulkheads								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Iron Picket	75%	Now	$31,100	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Dumpster Area								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Concrete Base Cracking, Crumbling								
Retaining Walls								
Cast in Place Concrete	10%	4+	$4,300	2053	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Forest Avenue								
Explanation : Worn And Eroded								
Masonry: Brick	15%	0-2	$5,100	2043	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Fieldstone	75%	Now	$134,600	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$48,000	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Forest Avenue								
On-Site Walkways								
Asphalt	50%	Now	$1,000	2036	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : North Side								
Cast in Place Concrete	40%			2046	* *			
Masonry: Granite	10%	Now	$11,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North Side Steps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	90%			2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Parking Area								
Potholes, Extent : Severe, Area Affected : 10%								
Location : Sanders Street								
Cast in Place Concrete	10%			2046	* *			
Activity Yard								
Asphalt	95%	Now	$37,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : At Drywells								
Rubber Matting	5%	Now	$2,300	2033	$23,100			
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Monsey Place								
Explanation : Displaced								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere And Two 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	90%			2032	$215,500	5	$2,300	
Wiring								
Thermoplastic	100%			2033	$291,700	1		
Motor Controllers								
Locally Mounted	90%			2031	$107,500	5	$600	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$30,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2042	* *	1	$38,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof. New Addition Building								
Explanation : One 80 Kilowatt								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$22,100	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$87,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2038	* *	10	$3,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$92,400	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$92,900	1	$18,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Surveillance Cameras System								
Generic	50%			2028	$92,900	1	$18,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$255,400	1-3	$62,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Existing 5,000 Gallon Tank, Oil No. 2								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$98,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$278,400	2043	* *	4	$4,900	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In The Basement								
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Steam Traps Throughout. Condensate Pump Overheating								
Terminal Devices								
Air Handler	40%	0-2	$74,500	2033	$745,200	1	$22,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Old Building. House Blower Malfunctioning								
Convector/Radiator	60%	Now	$9,700	2038	* *	1	$17,300	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Second Floor Room 210								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2038	* *	1	$9,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : For 1913 Building								
Exterior Pkg Unit - Cooling	50%			2033	$542,700	2	$3,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Rooftop Unit								
Window/Wall Unit	10%			2028	$37,500	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	$80,500	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2038	* *	1	$24,500	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	40%			2033	$91,700	2	$27,600	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$217,400	LIFE	* *	2-5	$55,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Duct At Room A217								
Exhaust Fans								
Interior	80%	0-2	$35,100	2033	$351,300	2	$1,900	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Library And House Exhaust Leaking								
Roof	20%			2033	$38,400	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2053	* *	1		
Galvanized Steel	60%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$9,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$19,800	4	$3,100	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 50%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : From 1st To 2nd Floor								
Explanation : 1 Elevator								
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2059	* *	1-5	$25,000	
Sprinkler								
No Component	60%							
Generic	40%			2043	* *	1-2	$11,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression System. Dimension 5 Feet X 12 Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 23 - BK**
Address : **545 WILLOUGHBY AVENUE BTWN MARCY AVE - TOMPKINS AVE**
Borough : **BROOKLYN** **Agency's Number** : **K023**
Program / Asset # : **BOE0358.000 / 339** **Yr Built/Renovated** : **1966 / 2000**
Area Sq Ft : **98,000** **Project Type** : **EDUCATION**
Date of Survey : **19-May-2021** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1759** **Lot** : **13** **BIN** : **3048818**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$91,700	
Interior Architecture	$1,028,300	$14,322,700
Electrical	$400,000	$851,500
Mechanical	$1,091,600	$1,612,400
Total	**$2,611,600**	**$16,786,600**
Importance Code A	$604,200	
Importance Code B	$1,644,400	$16,786,600
Importance Code C	$363,000	
Total	**$2,611,600**	**$16,786,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$11,700	$6,900		
Interior Architecture	$97,000	$5,100		$17,400
Electrical	$5,500	$3,600	$4,000	$61,200
Mechanical	$83,600	$17,600	$26,700	$28,700
Site Enclosure	$13,700			
Site Pavements	$23,200			
Total	**$234,600**	**$33,200**	**$30,700**	**$107,200**
Importance Code A	$11,700	$16,600	$9,700	$9,900
Importance Code B	$142,300	$16,600	$21,000	$90,100
Importance Code C	$80,600			$7,200
Total	**$234,600**	**$33,200**	**$30,700**	**$107,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$37,700	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Throughout Exterior								
Glazed Ceramic Panel	2%			LIFE	* *	5	$4,700	
Masonry: Brick	83%			LIFE	* *	5	$41,700	
Windows								
Aluminum	100%			2048	* *	5	$24,000	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$5,000	
Metal Rail	10%			2045	* *	5-10	$11,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,000	
Roof								
Built-Up (BUR)	100%			2037	* *	10	$91,700	
Soffits								
Stucco Cement	100%	4+	$11,700	2045	* *	5	$16,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Willoughby Avenue								
Interior								
Floors								
Ceramic Tile	3%	0-2	$11,400	2041	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets At 2nd And 3rd Floor And Kitchen								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Toilets At 2nd And 3rd Floor And Kitchen								
Poured Epoxy/Resin	5%	Now	$7,600	2027	$378,900			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	30%			2037	* *	3	$15,200	
Vinyl Tile 9" X 9"	60%	Now	$286,500	2032	$14,322,700	3	$30,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout Basement								
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$156,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Along Vernon Avenue								
Ceramic Tile	5%	Now	$113,500	2041	* *	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Toilets At 2nd And 3rd Floor And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Toilets At 2nd And 3rd Floor And Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Toilets At 2nd And 3rd Floor And Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,300	
Operable Wall	2%			2042	* *	5	$14,400	
Plaster	48%	Now	$48,200	LIFE	* *	5	$29,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
SGFT/Glazed Masonry	25%	4+	$92,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	35%	0-2	$29,800	2037	* *	5	$23,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Corridors All Floors								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	60%			LIFE	* *	5	$12,400	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	15%			2052	* *			
Iron Picket	85%	Now	$9,200	2067	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Vernon Avenue Gate								
Explanation : Gate Hinges Broken								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$4,500	2052	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Vernon Avenue Areaway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	98%	4+	$21,600	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	2%	4+	$1,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Vernon Avenue Entrance								
Activity Yard								
Cast in Place Concrete	60%			2045	* *			
Rubber Matting	40%			2037	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	100%			2032	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	90%			2031	$215,500	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Third Floor								
Explanation : Lighting Panel 3B Is Overloaded Resulting In Nuisance Tripping Of Circuit Breakers								
Wiring								
Braided Cloth	90%	2-4	$262,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2032	$29,200	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	82%			2040	* *	10	$73,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	15%			2040	* *	10	$13,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Lobby, Staircases And Basement								
Incandescent	1%			2027	$27,200	2		
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : First Floor Lobby, Basement Storage Rooms								
LED	2%	Now	$2,700	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Explanation : Lighting Fixtures Are Malfunctioning								
Egress Lighting								
Emergency, Battery	50%			2027	$82,300	10	$11,800	
Exit, Service	45%			2027	$19,000	1		
Exit, Service	5%			2040	* *	1		
Exterior Lighting								
Fluorescent	1%			2040	* *	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Entrance Soffit And Roof Bulkhead								
LED	9%			2040	* *			
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$55,200	1	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exit Doors, Hallway And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$18,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$30,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7500 Gallons Each								

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$512,500	2052	* *	1	$87,300	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2032	$784,800			
Terminal Devices								
Air Handler	20%	Now	$18,400	2027	$368,800	1	$10,900	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Convector/Radiator	80%			2037	* *	1	$25,300	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	20%			2032	$465,400			
Window/Wall Unit	20%	Now	$44,600	2032	$74,300	1		
Broken, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Window/Wall Unit	40%			2027	$148,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,600	
Exhaust Fans								
Interior	40%			2032	$173,900	2	$1,200	
Roof	60%			2032	$114,100	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$9,700	
Sanitary Piping								
Cast Iron	100%	Now	$61,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Sewage Backs Up When It Rains Hard								
Storm Drain Piping								
Cast Iron	100%	Now	$17,300	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Backs Up In The Basement With Heavy Rain								
Sump Pump(s)								
Submersible	100%			2025	$3,000	4	$3,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 23 - BX**		
Address	: **2151 WASHINGTON AVE. BTWN: E.181 ST. - E.182 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X023**
Program / Asset #	: **BOE0983.000 / 4148**	**Yr Built/Renovated**	: **1992 /**
Area Sq Ft	: **89,931**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3,4**		
Block	: **3037** **Lot** : **79**	**BIN**	: **2090472**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$881,300	$159,200
Interior Architecture	$516,600	$126,000
Electrical		$1,793,600
Mechanical		$4,760,200
Total	**$1,397,900**	**$6,839,100**
Importance Code A	$881,300	$159,200
Importance Code B	$201,200	$6,612,700
Importance Code C	$315,400	$67,100
Total	**$1,397,900**	**$6,839,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,900			
Interior Architecture	$84,700			$15,100
Electrical	$21,700	$9,400	$8,800	$9,300
Mechanical	$124,200	$39,100	$45,900	$24,800
Site Pavements	$5,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$296,700**	**$52,400**	**$58,600**	**$53,100**
Importance Code A	$81,000	$9,100	$8,900	$8,900
Importance Code B	$210,500	$43,300	$49,700	$44,200
Importance Code C	$5,200			
Total	**$296,700**	**$52,400**	**$58,600**	**$53,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%	4+	$148,600	LIFE	* *	5	$85,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Electrical Room B06 At Foundation Wall								
Metal, Corrugated	5%	4+	$2,200	2050	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooftop Enclosures								
Explanation : Wall Panels								
Pre-Cast Concrete	20%			LIFE	* *	5	$73,900	
Windows								
Aluminum	95%	Now	$492,400	2038	* *	5	$17,200	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium								
Glazing Clouded, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Library, Room 312, Stair Bulkheads, Gymnasium								
Metal Louvers	5%			2039	* *	10	$11,300	
Parapets								
Masonry: Brick Cavity	75%	0-2	$22,900	LIFE	* *	5	$11,400	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Rail	15%			2043	* *	5-10	$41,200	
Pre-Cast Concrete	10%	4+	$2,500	LIFE	* *	5	$9,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	95%	Now	$240,300	2035	* *			
Broken Paver Blocks, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 25%								
Location : Main Roof And Gymnasium Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Enclosures								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Cafeteria Low Roof, Library, Upper Roof								
Modified Bitumen	5%	Now	$29,200	2040	* *			1
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stairwell Roof Hatches								
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$6,700	
Vinyl Tile	90%	2-4	$66,900	2035	* *	3	$45,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Cafeteria, Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Wood	5%	Now	$40,100	2058	* *	5	$6,300	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	65%	2-4	$315,400	LIFE	* *	5	$67,100	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Stairwell Bulkheads								
Gypsum Board	5%			LIFE	* *	5	$7,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	60%	Now	$134,300	2043	* *	5	$40,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Basement								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Exposed Metal Decking								
Gypsum Board	35%	Now	$41,200	LIFE	* *	5	$58,900	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Library, Room 312, Stair Bulkheads, Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2050	* *			
Iron Picket	30%			2065	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$5,200	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Dumpster Area								
Activity Yard								
Asphalt	90%			2039	* *			
Rubber Matting	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	90%			2038	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%			2035	* *	5	$500	
Variable Frequency Drive	20%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$27,700	
Generators								
Diesel	100%			2033	$138,700	1	$34,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Nameplate Rating Capacity Is 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$20,000	
Fuel Storage								
Day Tank	30%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons Nameplate Rating Capacity								
Main Tank	70%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	3%			2030	$40,200	10	$2,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways And Auditorium								
Fluorescent	96%			2030	$1,287,000	10	$79,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2030	$10,700	10		
Egress Lighting								
Emergency, Service	50%			2030	$27,700	1		
Exit, Service	50%			2030	$19,400	1		
Exterior Lighting								
HID	30%			2030	$125,900	10	$100	
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$50,600	1	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$69,600	1-3	$17,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 5,000 Tanks								
Conversion Equipment								
Steam Boiler	5%	0-2	$15,700	2035	* *	1	$4,000	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Tubes Of No. 2 Boiler, Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Defective Burner Control, Boiler Combustion Air Dampers And 2 Heat Exchangers, Boiler Room								
Steam Boiler	95%			2035	* *	1	$84,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room,								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2038	* *	4	$1,800	
Steam Piping/Pump	10%	0-2	$14,400	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : All F And T Traps And Thermostats, Defective Building Management System, Throughout								
Steam Piping/Pump	50%			2040	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2030	$676,900	1	$22,200	
Air Handler	10%	0-2	$8,500	2030	$169,200	1	$5,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 3 Actuators Of The Dampers, Penthouse								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : The Coil Of Gymnasium Unit.								
Convector/Radiator	5%	0-2	$1,800	2035	* *	1	$1,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Girls Restroom And 3rd Floor Classroom								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Building Management System								
Convector/Radiator	35%			2043	* *	1	$10,200	
Fan Coil Unit/Heat	10%			2030	$223,000	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2030	$1,194,100	1	$37,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units, Roof								
Reciprocating Compr/Chiller	10%	0-2	$26,500	2030	$132,700	1	$3,800	
Malfunctioning, Extent : Moderate, Area Affected : 35%								
Location : 9 Out Of 24 Compressors, Roof								
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$1,745,000	1	$55,600	
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$260,400	2	$62,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,100	
Exhaust Fans								
Interior	90%			2030	$359,000	2	$2,500	
Roof	10%	0-2	$3,500	2030	$17,500	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Defective Exhaust Fan Motors, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$400	2030	$18,000	4	$1,900	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$45,300	
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$2,500	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 23 - SI**
Address : **30 NATICK STREET @ MAPLEWOOD AVE.**
Borough : **STATEN ISLAND** | **Agency's Number** : **R023**
Program / Asset # : **BOE0914.000 / 1448** | **Yr Built/Renovated** : **1964 / 2012**
Area Sq Ft : **66,000** | **Project Type** : **EDUCATION**
Date of Survey : **18-Jun-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4373** **Lot** : **1** | **BIN** : **5059927**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$834,400	$193,200
Interior Architecture	$14,325,400	$179,700
Electrical	$55,400	$653,700
Mechanical	$200,000	$76,800
Site Pavements		$67,700
Total	**$15,415,300**	**$1,171,100**
Importance Code A	$834,400	$193,200
Importance Code B	$14,580,800	$977,900
Total	**$15,415,300**	**$1,171,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,300		$14,500	$16,200
Interior Architecture	$63,100	$2,200	$31,800	$3,700
Electrical	$37,900	$2,000	$24,300	$1,200
Mechanical	$18,000	$9,500	$55,200	$9,500
Site Enclosure	$3,200			
Site Pavements	$2,200			$800
Total	**$144,700**	**$13,700**	**$125,800**	**$31,500**
Importance Code A	$26,800	$6,500	$21,200	$22,800
Importance Code B	$75,600	$5,000	$104,600	$7,900
Importance Code C	$42,200	$2,200		$800
Total	**$144,700**	**$13,700**	**$125,800**	**$31,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$85,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Over Windows At Auditorium, North Elevation								
Explanation : Brise Soleil Panels								
Windows								
Aluminum	100%			2047	* *	5	$32,500	
Parapets								
Metal Panel	5%			2041	* *	5	$3,100	
Metal Rail	95%	Now	$20,300	2036	* *	5	$107,200	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Roof								
Built-Up (BUR)	95%			2026	$768,600	10	$65,900	
Copper/Terne	5%			2046	* *	10	$8,700	
Soffits								
Stucco Cement	100%			2036	* *	5	$8,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,300	
Mosaic Tile	2%	4+	$13,800	2044	* *	5	$3,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Mosaic Tile	3%			2044	* *	5	$11,100	
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	20%			2036	* *	3	$14,800	
Vinyl Tile 9" X 9"	55%			2026	$14,325,400	3	$30,400	
Wood	5%			2046	* *	5	$13,800	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$4,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$9,300	
SGFT/Glazed Masonry	25%	0-2	$40,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$17,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2036	* *	5	$29,500	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,500	
Fiber Board	5%			2031	$115,100			
Metal Panel	5%			LIFE	* *	5	$9,200	
Plaster	50%			LIFE	* *	5	$46,100	
Wood	5%			LIFE	* *	5	$64,600	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			
Retaining Walls								
Cast in Place Concrete	7%	4+	$3,200	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Various Walls In Play Yard								
Cast in Place Concrete	93%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	65%			2034	* *			
Cast in Place Concrete	30%	Now	$2,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair At Rear Play Yard								
Panel/Paver: Cer/Brk	5%			2047	* *	5	$1,600	
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Adjacent To North Elevation								
Explanation : Trash Container Area								
Activity Yard								
Asphalt	95%			2034	* *			
Rubber Matting	5%			2031	$67,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere And One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2057	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	95%			2031	$137,400	1		
Conduit	5%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	80%			2030	$143,700	5	$1,400	
Molded Case Bkrs	10%			2053	* *	5	$200	
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	80%			2039	* *	10	$48,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	16%			2039	* *	10	$9,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement Hallway, Fan Room, Crawl Space And Storage								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$55,400	10	$8,000	
Exit, Service	50%			2026	$14,200	1		
Exterior Lighting								
HID	100%	Now	$30,800	2041	* *			
Outdr Lights On During Daytime, Extent : Light, Area Affected : 10%								
Location : West Exterior Wall								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : West Exterior Wall								
Explanation : Fixture Alignment Required								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2066	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chimney								
Explanation : Air Terminals On Chimney And Downleads Run Inside Chimney To Basement Grounding Rod								
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	12%	Now	$5,900	2041	* *	1	$2,700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Custodian Office								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Custodian Office								
Explanation : Communications Failure Displayed On Control Panel								
Generic	8%			2041	* *	1	$2,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2041	* *	1-3	$8,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$65,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	40%			2036	* *	1	$16,300	
Convector/Radiator	60%			2036	* *	1	$12,800	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	20%			2036	* *			
Window/Wall Unit	80%			2026	$200,000	1		
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$17,200	
No Component	80%							
Terminal Devices								
No Component	70%							
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2036	* *	2	$800	
Roof	60%	Now	$7,700	2031	$76,800	2	$1,000	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 175 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2026	$34,600	4	$2,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$400	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 24 - BK**		
Address	: **427 38 STREET @ 4TH AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K024**
Program / Asset #	: **BOE0968.000 / 4480**	**Yr Built/Renovated**	: **1997 / 2002**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,Ph**		
Block	: **701** **Lot** : **1**	**BIN**	: **3346119**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$507,800	$210,000
Interior Architecture	$331,400	$104,300
Electrical		$1,740,700
Mechanical		$4,491,400
Total	**$839,200**	**$6,546,400**
Importance Code A	$507,800	$268,700
Importance Code B	$61,500	$6,277,700
Importance Code C	$270,000	
Total	**$839,200**	**$6,546,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,500		$1,100	
Interior Architecture	$13,700			$13,900
Electrical	$28,000	$15,900	$16,900	$15,100
Mechanical	$79,400	$46,200	$64,100	$25,200
Site Enclosure	$52,000			
Site Pavements	$63,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$253,500**	**$69,900**	**$90,000**	**$62,100**
Importance Code A	$17,600	$8,300	$9,200	$8,100
Importance Code B	$184,500	$61,700	$80,800	$54,100
Importance Code C	$51,500			
Total	**$253,500**	**$69,900**	**$90,000**	**$62,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	9%	2-4	$254,100	LIFE	* *	5	$15,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 420								
Masonry: Brick	81%			LIFE	* *	5	$138,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$55,700	
Windows								
Aluminum	100%	Now	$115,100	2046	* *	5	$12,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$9,900	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Metal Panel	5%			2056	* *	5	$2,300	
Pre-Cast Concrete	10%	0-2	$9,500	LIFE	* *	5	$7,400	
Open Joints, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%	Now	$138,600	2035	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Throughout And Roof Drains								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Room 420 And 401								
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$7,000	
Quarry Tile	5%	2-4	$10,200	2043	* *	5	$5,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	80%	Now	$61,500	2035	* *	3	$41,700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Wood	10%			2058	* *	5	$26,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$120,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Ceramic Tile	5%			2043	* *	5	$7,900	
Concrete Masonry Unit	5%	2-4	$149,200	LIFE	* *	5	$3,200	
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : Auditorium								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Concrete Masonry Unit	35%			LIFE	* *	5	$22,200	
Gypsum Board	10%			LIFE	* *	5	$9,500	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2043	* *	5	$34,800	
AcousTileSusp.Lay-In	75%			2043	* *	5	$104,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 401								
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	15%	0-2	$1,700	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Fence Posts								
Chain Link	10%			2050	* *			
Concrete Masonry Unit	10%			2050	* *			
Iron Picket	65%	4+	$21,600	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Post Bases								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$28,600	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$34,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	60%			2043	* *			
Masonry: Granite	35%	0-2	$28,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	5%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	10%	2-4	$900	2033	$44,600			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Traffic Topping	90%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 4,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	30%			2038	* *	5	$600	
Molded Case Bkrs	70%			2038	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$28,600	
Generators								
Diesel	100%			2033	$138,700	1	$36,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated At 230 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$20,700	
Fuel Storage								
Main Tank	100%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 275 Gallon Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2030	$1,178,400	10	$72,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	12%			2030	$166,400	10	$10,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2030	$33,000	10	$100	
Egress Lighting								
Emergency, Service	50%			2030	$28,600	1		
Exit, Service	50%			2030	$20,100	1		
Exterior Lighting								
LED	100%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Alarm								
Security System								
Generic	100%			2030	$174,600	1	$34,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$57,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank For No. 2 Fuel								
Conversion Equipment								
Heat Exchanger, Plate & Frame	25%			2033	$58,700	1	$11,500	
Steam Boiler	75%			2035	* *	1	$69,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	50%	Now	$5,100	2038	* *	4	$2,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : One Pump Leaks In Basement								
Steam Piping/Pump	50%			2040	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%			2030	$875,100	1	$28,800	
Convector/Radiator	50%			2035	* *	1	$15,000	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	95%	Now	$26,100	2030	$1,303,400	1	$36,900	
Controller Not Working, Extent : Severe, Area Affected : 20%								
Location : Building Control System Not Working								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers								
Split Unit	5%			2035	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2040	* *	4	$3,400	
Ductwork/Diffusers	50%			LIFE	* *	2	$60,500	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$1,804,500	1	$57,500	
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$269,200	2	$64,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,900	
Exhaust Fans								
Roof	100%			2030	$180,500	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Triplex Booster Pumps								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantaneous Type With Two 275 Gallon Storage Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$18,600	4	$2,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	50%							
Generic	50%	Now	$12,500	2040	* *	1	$2,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 1st Floor Kitchen Storage Room								
Explanation : Unit Leaks And Valves Do Not Hold								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$46,900	
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$5,200	
Chemical System								
No Component	90%							
Generic	10%			2025	$8,200	1-3	$7,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 24 - Q**		
Address	: **141-11 HOLLY AVENUE @ UNION ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q024**
Program / Asset #	: **BOE0687.000 / 1197**	**Yr Built/Renovated**	: **1932 / 2010**
Area Sq Ft	: **65,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **5201** **Lot** : **21**	**BIN**	: **4117403**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$1,370,600	$2,631,900
Electrical	$59,900	$113,600
Mechanical	$129,800	$2,809,900
Total	**$1,560,300**	**$5,555,300**
Importance Code A	$56,700	
Importance Code B	$1,503,600	$5,234,600
Importance Code C		$320,800
Total	**$1,560,300**	**$5,555,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$172,100		$20,800	
Interior Architecture	$186,700	$2,500	$7,500	$3,700
Electrical	$16,200	$11,600	$11,900	$10,600
Mechanical	$48,000	$10,600	$16,100	$10,300
Site Enclosure	$22,100			
Total	**$445,000**	**$24,700**	**$56,300**	**$24,600**
Importance Code A	$172,200	$6,400	$27,300	$6,400
Importance Code B	$162,700	$18,200	$29,000	$18,200
Importance Code C	$110,100			
Total	**$445,000**	**$24,700**	**$56,300**	**$24,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%	Now	$43,900	LIFE	* *	5	$26,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Foundation Walls, Room C18								
Masonry: Brick Cavity	50%			LIFE	* *	5	$88,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Masonry: Granite	3%			LIFE	* *	5	$4,000	
Masonry: Limestone	15%			LIFE	* *	5	$20,000	
Metal Panel	2%			2063	* *	5-10	$12,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Windows								
Aluminum	40%	4+	$8,200	2049	* *	5	$4,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Windows In The 1932 Wing								
Aluminum	60%			2058	* *	5	$13,000	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$78,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Explanation : Roofing Membrane Placed On Parapet Walls								
Masonry: Brick	30%			LIFE	* *	5-10	$19,500	
Metal Rail	20%			2046	* *	5-10	$34,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,000	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Roof								
Built-Up (BUR)	35%			2038	* *	10	$17,600	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	2%			LIFE	* *	10	$1,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New School Addition Roof Top Play Area								
Copper/Terne	4%			2061	* *	10	$5,000	
Copper/Terne	1%			2073	* *	10	$1,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Plaza Roof: Stone Panels	58%			2063	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Explanation : New Plaza Deck Roofing System								

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Metal Panel	100%			2063	* *	5-10		
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,800	
Ceramic Tile	5%			2036	* *	5	$5,000	
Ceramic Tile	20%			2048	* *	5	$19,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Terrazzo	5%			LIFE	* *	5	$7,800	
Vinyl Tile	20%	Now	$27,500	2033	$551,000	3	$7,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Classrooms In The 1932 Wing								
Vinyl Tile	20%			2043	* *	3	$7,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New School Addition								
Vinyl Tile 9" X 9"	10%	Now	$1,056,100	2033	$1,760,100	3	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 1932 Wing Hallways								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : 1932 Wing Hallways And 2nd Floor Classrooms								
Wood	15%			2048	* *	5	$28,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$22,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Foundation, Boiler Room								
Ceramic Tile	5%			2029	$320,800	5	$5,800	
Ceramic Tile	20%			2048	* *	5	$23,300	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Concrete Masonry Unit	5%	Now	$11,000	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, Bulkhead Stair								
Gypsum Board	20%			LIFE	* *	5-10	$39,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Masonry: Brick	5%			LIFE	* *	10	$1,700	
Marble Panels	5%			LIFE	* *	10	$2,300	
Plaster	30%			LIFE	* *	5-10	$29,700	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$2,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2046	* *	5	$10,000	
AcousTileSusp.Lay-In	30%			2053	* *	5	$29,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Exposed Struc: Concrete	10%	4+	$149,400	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Of 1932 Wing								
Paint Peeling, Extent : Light, Area Affected : 30%								
Location : Basement								
Exposed Struc: Steel	5%			LIFE	* *	10	$10,000	
Gypsum Board	7%			LIFE	* *	5-10	$24,000	
Metal Panel	5%	Now	$165,100	LIFE	* *	5	$6,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Classrooms 125, 127, 129 And 131 In 1932 Wing								
Plaster	10%	0-2	$6,100	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bulkhead Stair								
Plaster	23%			LIFE	* *	5-10	$39,400	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	40%	4+	$22,100	2038	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 2%								
Location : Holly Avenue And Union Street								
Iron Picket	40%			2083	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter On New Addition								
Explanation : Fence For New Addition								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%			2046	* *			
Pavers/Stone	5%			2048	* *			
On-Site Walkways								
Asphalt	30%			2048	* *			
Cast in Place Concrete	60%			2046	* *			
Masonry: Granite	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Explanation : Parking Area								
Activity Yard								
Asphalt	95%			2048	* *			
Rubber Matting	5%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2059	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$300	
Raceway								
Conduit	40%			2033	$57,800	1		
Conduit	60%			2059	* *	1		
Panelboards								
Fused Disc Sw	7%			2055	* *	5	$100	
Fused Disc Sw	3%			2032	$5,400	5		
Molded Case Bkrs	90%			2055	* *	5	$1,500	
Wiring								
Braided Cloth	30%	2-4	$59,900	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2059	* *	1		
Thermoplastic	10%			2033	$20,000	1		
Motor Controllers								
Locally Mounted	70%			2050	* *	5	$300	
Locally Mounted	30%			2031	$35,800	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$20,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2046	* *	1	$25,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Penthouse								
Explanation : One 312 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$2,400	
Fuel Storage								
Day Tank	50%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Penthouse								
Explanation : One 75 Gallons								
Main Tank	50%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	40%			2038	* *	10	$23,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Wing Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
LED	58%			2041	* *			
Egress Lighting								
Emergency, Service	35%			2041	* *	1		
Emergency, Battery	20%			2028	$21,800	10	$3,100	
Exit, LED	25%			2068	* *	1		
Exit, Service	20%			2028	$5,600	1		
Exterior Lighting								
HID	10%			2038	* *	10		
LED	20%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	50%			2041	* *	1	$12,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Cameras								
Generic	50%			2041	* *	1	$12,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$40,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horns, Smoke Detector, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 6,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$56,700	2046	* *	1	$57,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : No. 2 Boiler Leaking Tubes And Leaking Storage Tank								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	80%	0-2	$73,100	2033	$1,462,200	4	$2,600	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In The Basement And Steam Leaking In Basement Of Old Building								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Piping In The Basement.								
Central Plant Steam Piping/Pmp	20%			2053	* *	4	$1,000	
Terminal Devices								
Air Handler	20%	0-2	$12,200	2028	$244,600	1	$7,200	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium Blower Heating Coil In The First Floor Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Blowers In The Basement Fan Room.								
Convector/Radiator	80%			2038	* *	1	$16,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2038	* *	1	$6,000	
Exterior Pkg Unit - Cooling	30%			2041	* *	2	$1,200	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof								
Explanation : Three Rooftop Units								
Window/Wall Unit	50%			2031	$123,100	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,400	
Exhaust Fans								
Interior	80%			2028	$230,600	2	$1,600	
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Exhaust Fan Bearing In The First Floor Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout.								
Roof	20%			2028	$25,200	2	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Rooftop Exhaust Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2053	* *	1		
Galvanized Steel	80%			2031	$663,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, The Domestic Water Piping Beyond Useful Life Cycle Rating								
Water Heater With Tanks								
Gas Fired	100%			2028	$85,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons. One Gasoline Fired And One Electric								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%	0-2	$11,500	LIFE	* *	1		
Broken, Extent : Light, Area Affected : 10%								
Location : Old Building								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Drain Piping Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	80%			2043	* *	1	$3,200	
Generic	20%			2038	* *	1	$800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : Serves Boilers Only							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 25 - BK**		
Address	: **787 LAFAYETTE AVENUE @MARCUS GARVEY BLVD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K025**
Program / Asset #	: **BOE0359.000 / 340**	**Yr Built/Renovated**	: **1942 / 2018**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1787** **Lot** : **14**	**BIN**	: **3049858**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,466,100	$89,400
Interior Architecture	$1,929,700	
Electrical	$88,900	$1,089,400
Mechanical	$309,100	$836,300
Site Enclosure	$64,800	
Total	**$3,858,700**	**$2,015,100**
Importance Code A	$1,466,100	$140,800
Importance Code B	$1,890,500	$1,874,200
Importance Code C	$502,100	
Total	**$3,858,700**	**$2,015,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$9,100
Interior Architecture	$109,100	$10,600		$900
Electrical	$5,300	$7,500	$5,900	$25,600
Mechanical	$32,300	$14,100	$22,700	$29,500
Site Enclosure	$1,300			
Site Pavements	$17,500			
Total	**$165,500**	**$32,300**	**$28,600**	**$65,200**
Importance Code A	$10,100	$10,100	$10,100	$19,500
Importance Code B	$100,500	$22,200	$18,500	$45,700
Importance Code C	$54,900			
Total	**$165,500**	**$32,300**	**$28,600**	**$65,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$89,400	
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Windows								
Aluminum	100%	Now	$1,402,100	2057	* *	5	$14,700	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Windows Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 40%								
Location : Windows Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$11,900	
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Roof								
Modified Bitumen	70%			2037	* *	10	$64,000	
Single Ply Membrane	10%			2037	* *	10	$9,100	
Slate	20%			LIFE	* *			
Interior								
Floors								
Carpet	2%			2031	$53,500	3	$4,500	
Cast in Place Concrete	5%			LIFE	* *	5	$16,500	
Terrazzo	5%	4+	$14,100	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	48%			2037	* *	3	$27,200	
Vinyl Tile 9" X 9"	5%	Now	$26,700	2027	$1,334,600	3	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs, Backstage And Main Office								
Wood	35%	Now	$157,900	2047	* *	5	$49,600	
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : 2nd And 3rd Floor Classrooms By Radiators								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : 2nd And 3rd Floor Classrooms By Radiators								

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$195,000	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Basement Mechanical Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Mechanical Room								
Ceramic Tile	10%	Now	$70,600	2035	* *	5	$12,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Toilets And Kitchen								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,100	
Marble Panels	5%	0-2	$45,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Plaster	55%	Now	$171,600	LIFE	* *	5	$42,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Auditorium, Toilets, 3rd Floor Classrooms Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Auditorium, Toilets, Classrooms Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	75%			LIFE	* *	5	$17,700	
Plaster	25%	Now	$23,000	LIFE	* *	5	$23,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Auditorium, Toilets, 3rd Floor Classrooms Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Auditorium, Toilets, 3rd Floor Classrooms Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	25%	Now	$1,300	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : West Side Courtyard								
Iron Picket	75%	Now	$64,800	2082	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Northwest Corner								
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Throughout Perimeter								
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Throughout Perimeter								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout Perimeter								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$8,300	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : East Courtyard								
Activity Yard								
Asphalt	70%	2-4	$6,300	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : West Side Play Yard								
Cast in Place Concrete	20%	Now	$2,800	2045	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Courtyard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Rubber Matting	10%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Rooms								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Knife Sw	100%			2032	$260,100	5	$400	
Raceway								
Conduit	80%			2032	$195,000	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Fused Knife Sw	5%			2031	$12,000	5	$100	
Fused Toggle Switch	40%			2031	$95,800	5	$900	
Molded Case Bkrs	45%			2040	* *	5	$1,200	
Wiring								
Braided Cloth	80%			2031	$273,500	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$145,200	5	$600	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$88,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Service	10%			2037	* *	1		
Emergency, Battery	40%			2032	$68,500	10	$9,800	
Exit, Service	45%			2027	$19,800	1		
Exit, Battery	5%			2032	$7,200	10	$300	
Exterior Lighting								
HID	10%			2040	* *	10		
No Component	90%							
Alarm								
Security System								
No Component	50%							
Generic	50%			2037	* *	1	$19,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior And Exterior Spaces								
Explanation : CCTV And Intrusion Alarm Systems								
Fire/Smoke Detection								
No Component	40%							
Generic, Digital	60%			2037	* *	1-3	$37,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$101,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$16,300	2042	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2032	$383,900	1	$12,600	
Convector/Radiator	80%			2037	* *	1	$26,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Window/Wall Unit	80%			2027	$309,100	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,900	
Exhaust Fans								
Interior	100%			2032	$452,400	2	$3,100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement								
Explanation : 2 Water Mains								
Water Heater With Tanks								
Electric	10%			2030	$2,400	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Serves The Kitchen								
Gas Fired	90%			2027	$15,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit - 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$20,400	4	$3,200	
Backflow Preventer								
No Component	95%							
Generic	5%			2032	$2,300	1	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Serves Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

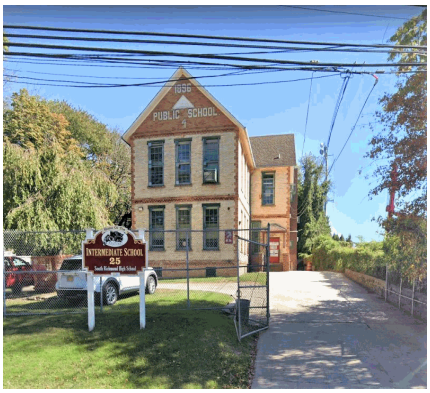
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 25 - SI OLD P.S. 4 - SI**
Address : **4210 ARTHUR KILL ROAD BTWN: CLAY PIT RD. - STORER AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R025**
Program / Asset # : **BOE0916.000 / 4428**
Yr Built/Renovated : **1896 / 2011**
Area Sq Ft : **18,000**
Project Type : **EDUCATION**
Date of Survey : **11-Jan-2022**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **7315** **Lot** : **7**
BIN : **5086781**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$59,600	
Interior Architecture	$239,700	$2,397,100
Electrical		$255,900
Mechanical	$55,400	$59,700
Site Pavements	$294,400	
Total	**$649,100**	**$2,712,800**
Importance Code A	$59,600	
Importance Code B	$470,100	$2,712,800
Importance Code C	$119,500	
Total	**$649,100**	**$2,712,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,200		$2,800	
Interior Architecture	$108,400		$1,500	$3,300
Electrical	$7,400	$1,700	$2,100	$1,900
Mechanical	$9,900	$2,400	$2,900	$2,400
Site Enclosure	$97,300			
Site Pavements	$4,600	$3,900	$200	$200
Total	**$270,800**	**$7,900**	**$9,400**	**$7,700**
Importance Code A	$44,900	$1,800	$4,600	$1,800
Importance Code B	$134,600	$2,300	$4,700	$5,800
Importance Code C	$91,300	$3,900	$200	$200
Total	**$270,800**	**$7,900**	**$9,400**	**$7,700**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	4+	$59,600	LIFE	* *	5	$33,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$31,400	2049	* *	5	$3,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	30%			LIFE	* *	5-10	$5,200	
Metal Rail	10%			2046	* *	5-10	$4,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,600	
No Component	55%							
Roof								
Asphalt Shingle	40%	4+	$5,000	2042	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Peaked Roof								
Built-Up (BUR)	60%			2038	* *	10	$25,500	
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 10%								
Location : Throughout								
Soffits								
Wood	100%	Now	$1,500	2038	* *	5	$3,100	
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,800	
Ceramic Tile	5%	Now	$19,100	2036	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Toilets								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout Toilets								
Vinyl Tile	45%	0-2	$21,100	2038	* *	3	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	Now	$239,700	2028	$2,397,100	3	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Wood	5%			2061	* *	5	$2,900	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,100	
Masonry: Brick	5%			LIFE	* *	10	$400	
Plaster	85%	Now	$29,800	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Lunch Room								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Lunch Room								
SGFT/Glazed Masonry	5%	2-4	$6,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 30%								
Location : Toilets, 1st Floor								
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$3,100	
Embossed Metal	15%			LIFE	* *	5	$4,200	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout 1896 Side								
Plaster	75%			LIFE	* *	5-10	$40,000	
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$45,600	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : West Side Of Property								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Fieldstone	100%	0-2	$3,800	2043	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : West Side Of Property								
Retaining Walls								
Cast in Place Concrete	75%			2068	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : South Side Of Property								
Masonry: Fieldstone	25%	0-2	$47,900	2043	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$57,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	75%	Now	$4,400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout And Steps At Exit 6								
Metal	20%			2043	* *	1-3	$12,900	
Surface Wearing/Scaling, Extent : Light, Area Affected : 5%								
Location : North Side Of School								
Pavers/Stone	5%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$119,500	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	100%	Now	$117,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$118,700	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2033	$28,200	1		
Panelboards								
Fused Disc Sw	10%			2032	$4,400	5		
Molded Case Bkrs	90%			2032	$39,300	5	$400	
Wiring								
Thermoplastic	100%			2033	$31,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$78,500	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$13,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2028	$58,800	10	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2028	$16,500	10	$2,200	
Exit, Service	50%			2028	$4,300	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$37,000	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$11,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$4,500	2053	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2,500 Gallon Tank, Pipe Leaks								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$17,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boliers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$55,400	2043	* *	4	$900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Explanation : Vacuum Pump Leaks								
Terminal Devices								
Convector/Radiator	80%			2038	* *	1	$4,700	
Fan Coil Unit/Heat	20%			2038	* *	1	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	Now	$3,000	2028	$59,700	1		
Not in Service, Extent : Light, Area Affected : 10%								
Location : Classroom								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Classroom								
Explanation : Two Units								
No Component	20%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 125 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$400	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$700	
Fixtures								
Generic	100%							

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 26 - BK**		
Address	: **1014 LAFAYETTE AVENUE @MALCOLM X BLVD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K026**
Program / Asset #	: **BOE0360.000 / 341**	**Yr Built/Renovated**	: **1956 / 2018**
Area Sq Ft	: **124,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1616** **Lot** : **1**	**BIN**	: **3043822**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$185,000	$209,700
Interior Architecture	$3,627,600	$1,090,500
Electrical	$113,700	$1,187,100
Mechanical	$427,400	$2,120,200
Total	**$4,353,600**	**$4,607,500**
Importance Code A	$185,000	$261,100
Importance Code B	$4,083,500	$3,961,300
Importance Code C	$85,200	$385,100
Total	**$4,353,600**	**$4,607,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,100	$9,700		$34,700
Interior Architecture	$102,800			$14,300
Electrical	$5,800	$7,400	$7,200	$15,700
Mechanical	$95,200	$17,700	$26,500	$17,800
Site Enclosure	$31,400			
Site Pavements	$79,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$331,600**	**$38,800**	**$37,700**	**$86,400**
Importance Code A	$34,800	$22,000	$12,300	$47,200
Importance Code B	$203,100	$16,800	$25,400	$39,200
Importance Code C	$93,700			
Total	**$331,600**	**$38,800**	**$37,700**	**$86,400**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%	4+	$13,100	LIFE	* *	5	$37,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : North Facade								
Masonry: Brick Cavity	80%			LIFE	* *	5	$129,000	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : North, East And West Facades, Lower Walls								
Metal Panel	10%			2042	* *	5-10	$110,900	
Panel: Limestone	5%			LIFE	* *	5	$6,000	
Windows								
Aluminum	100%			2048	* *	5	$44,300	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$13,700	
Metal Panel	10%			2052	* *	5	$8,800	
Metal Rail	25%			2045	* *	5-10	$103,200	
Metal: Cage/Fence	5%			2045	* *	5-10	$8,800	
Roof								
Metal Panel	2%			2045	* *	10	$4,600	
Modified Bitumen	98%			2037	* *	10	$122,300	
Soffits								
Stucco Cement	100%			2037	* *	5		
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	14%	Now	$43,200	LIFE	* *	5	$55,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Basement Corridor								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Mechanical Area								
Ceramic Tile	1%	0-2	$5,100	2035	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Toilets And Kitchen								
Poured Epoxy/Resin	5%			2031	$508,300			
Terrazzo	5%			LIFE	* *	5	$7,100	
Vinyl Tile	55%	Now	$137,900	2037	* *	3	$37,400	
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria And Auditorium								
Vinyl Tile 9" X 9"	8%			2027	$2,562,100	3	$7,300	
Wood	12%	Now	$519,500	2072	* *	5	$20,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Gymnasium								
Split/Cracked, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	0-2	$38,500	2028	$385,100	5	$3,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Toilets And Kitchen								
Concrete Masonry Unit	32%			LIFE	* *	5	$29,900	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	30%	0-2	$85,200	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement And Various Locations Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%	Now	$262,800	2052	* *	5	$34,000	
Broken/Missing Elements, Extent : Light, Area Affected : 25%								
Location : Hallways, Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Hallways, Throughout								
Exposed Struc: Concrete	45%			LIFE	* *	5	$12,800	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%	Now	$14,200	2032	$141,500			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Gypsum Board	10%			LIFE	* *	5	$22,700	
Metal Panel	5%	Now	$60,100	LIFE	* *	5	$11,300	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	30%	Now	$15,600	2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : South Parking Lot								
Iron Picket	70%	4+	$15,800	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : North Gate On Lafayette								
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Asphalt	25%	0-2	$7,200	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Along Lafayette								
Cast in Place Concrete	75%	0-2	$48,300	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Along Lafayette And Malcolm X								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : At Tree Pits Along Malcolm X								
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$700	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Administration Entrance								
Masonry: Granite	10%	2-4	$1,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Entrances Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	90%	2-4	$20,000	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : West Side Lot								
Cast in Place Concrete	10%	4+	$1,200	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : North Side Driveway								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere And One 800 Ampere Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	25%			2032	$65,000	5	$100	
Fused Knife Sw	75%			2032	$195,100	5	$400	
Raceway								
Conduit	80%			2032	$195,000	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$300	
Fused Knife Sw	5%			2031	$15,000	5	$100	
Fused Toggle Switch	5%			2031	$15,000	5	$100	
Molded Case Bkrs	70%			2031	$209,600	5	$2,300	
Molded Case Bkrs	10%			2048	* *	5	$300	
Wiring								
Braided Cloth	60%			2031	$205,100	1		
Thermoplastic	40%			2052	* *	1		
Motor Controllers								
Locally Mounted	95%			2030	$172,400	5	$800	
Locally Mounted	5%			2045	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$113,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : All Lighting In The Building Is Currently Being Retrofitted To LEDs								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	5%			2037	* *	1		
Emergency, Battery	45%			2032	$93,700	10	$13,500	
Exit, Service	10%			2027	$5,300	1		
Exit, Battery	40%			2037	* *	10	$3,300	
Exterior Lighting								
HID	10%			2037	* *	10		
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2047	* *	5	$1,300	
Alarm								
Security System								
No Component	50%							
Generic	50%			2037	* *	1	$23,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior And Exterior Spaces								
Explanation : CCTV And Intrusion Alarm Systems								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2040	* *	1-3	$38,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$21,600	2045	* *	1	$110,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Basment Boiler 1 Of Two Electrical Panels								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%			2052	* *			
Terminal Devices								
Air Handler	20%			2032	$466,700	1	$15,300	
Convector/Radiator	70%			2037	* *	1	$28,000	
Unit Heater - Steam	10%			2032	$70,500	4	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Bathrooms								
Explanation : Located In Bathrooms								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2037	* *	2	$800	
Split Unit	5%			2037	* *			
Window/Wall Unit	50%			2027	$234,900	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,100	
Exhaust Fans								
Interior	20%			2037	* *	2	$800	
Roof	80%			2027	$192,500	2	$3,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	2-4	$31,700	2030	$1,583,000	1		
Antiquated, Extent : Moderate, Area Affected : 10%								
Location : Basement Water Main								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%	Now	$31,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Gymnasium, Kitchen And Basement Backup From The Rain								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Bathroom 318 And Bathrooms And Janitors Closets Below								
Explanation : The Rooms Have Odor Problems Coming Through Plumbing Fixtures Despite Working Ventilation Systems								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$24,800	4	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit								
Explanation : 1st To 3rd Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%	Now	$4,300	2042	* *	1-2	$1,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Fire Service Line In Basement								
Chemical System								
No Component	97%							
Generic	3%			2030	$1,200	1-3	$1,200	
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Kitchen								
Explanation : Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 26 - Q**		
Address	: **195-02 69 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q026**
Program / Asset #	: **BOE0689.000 / 2260**	**Yr Built/Renovated**	: **1949 / 2011**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7117** **Lot** : **421**	**BIN**	: **4153296**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$632,500	$1,170,500
Interior Architecture	$16,051,900	$121,700
Electrical	$427,100	$268,900
Mechanical	$144,100	$786,000
Site Pavements		$212,200
Total	**$17,255,500**	**$2,559,300**
Importance Code A	$632,500	$1,170,500
Importance Code B	$16,623,000	$1,336,400
Importance Code C		$52,300
Total	**$17,255,500**	**$2,559,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$98,000			$500
Interior Architecture	$11,400		$6,000	$16,600
Electrical	$3,000	$2,900	$2,200	$62,400
Mechanical	$67,500	$12,000	$19,300	$30,100
Site Enclosure	$16,800			
Site Pavements	$73,500			
Total	**$270,200**	**$14,900**	**$27,500**	**$109,600**
Importance Code A	$113,000	$8,500	$8,500	$9,200
Importance Code B	$142,600	$6,400	$14,600	$100,400
Importance Code C	$14,600		$4,400	
Total	**$270,200**	**$14,900**	**$27,500**	**$109,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	$314,700	LIFE	* *	5	$38,200	
Spalling, Extent : Light, Area Affected : 30%								
Location : Various Locations								
Staining/Discoloring, Extent : Light, Area Affected : 30%								
Location : All Facades								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Exteriors Walls								
Explanation : Green Mold Or Algae Growth On Brick Walls								
Masonry: Limestone	10%	0-2	$200,700	LIFE	* *	5	$3,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Limestone Wall And Band								
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : All Facades								
Windows								
Aluminum	95%			2054	* *	5	$30,800	
Glass Block	5%	Now	$8,800	LIFE	* *	5	$1,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairwell. Various Location								
Parapets								
Copper/Terne	5%			2067	* *	5	$1,000	
Masonry: Brick	90%	0-2	$46,300	LIFE	* *	5	$3,700	
Horizontal Cracks, Extent : Light, Area Affected : 20%								
Location : Main Roof								
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Main Roof								
Masonry: Limestone	5%	0-2	$5,000	LIFE	* *	5	$300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout Coping								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout Coping								
Roof								
Built-Up (BUR)	98%	Now	$117,000	2032	$1,170,500			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Skylight, Plastic	2%	0-2	$22,500	2045	* *	1		
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Exit Stair 6								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,100	
Ceramic Tile	3%			2041	* *	5	$3,300	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile 9" X 9"	82%			2027	$16,051,900	3	$45,500	
Wood	5%			2047	* *	5	$10,400	
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$8,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,800	
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Under Construction								
Marble Panels	2%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$52,300	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
Plaster	100%			LIFE	* *	5	$69,300	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2052	* *			
Iron Picket	25%	Now	$13,900	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Front								
Retaining Walls								
Cast in Place Concrete	70%	Now	$1,800	2067	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Rear Light Well Retaining Walls								
Explanation : Vegetation And Garbage								
Masonry: Brick	30%	0-2	$1,200	2052	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Ramp Wall Coping								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Ada Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$45,900	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front								
On-Site Walkways								
Asphalt	10%	Now	$700	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Tripping Hazard, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								
Cast in Place Concrete	90%			2049	* *			

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%	0-2	$26,900	2035	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : Rear Yard Play Area								
Rubber Matting	25%			2032	$212,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	2%			2048	* *	5		
Fused Disc Sw	8%			2031	$19,200	5	$200	
Molded Case Bkrs	85%			2054	* *	5	$1,900	
Molded Case Bkrs	5%			2031	$12,000	5	$100	
Wiring								
Braided Cloth	80%	Now	$233,400	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$500	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$75,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	40%			2027	$57,700	10	$8,300	
Emergency, Battery	10%			2037	* *	10	$2,100	
Exit, Service	45%			2027	$16,700	1		
Exit, Service	5%			2037	* *	1		
Exterior Lighting								
HID	15%			2027	$60,200	10		
No Component	85%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2067	* *	5	$1,100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$32,300	1	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway, Stairwell And Some Offices								
Explanation : Intrusion Alarm And Motion Detector								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$15,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%	Now	$78,900	2042	* *	5	$13,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Mechanical Upgrade In Under Construction								
Conversion Equipment								
Steam Boiler	100%	Now	$15,000	2045	* *	1	$76,700	
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Basement. Mechanical Upgrade In Under Construction, Mobile Steam Boiler Is Providing Heat And Hot Water								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$48,400	2058	* *	4	$4,200	
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Basement. Mechanical Upgrade In Under Construction								
Terminal Devices								
Air Handler	25%			2032	$404,600	1	$13,300	
Convector/Radiator	75%			2037	* *	1	$20,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2027	$65,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,000	
Exhaust Fans								
Interior	100%			2032	$381,400	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2058	* *	1		
Galvanized Steel	95%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2027	$17,200	4	$1,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 26 - SI**		
Address	: **4108 VICTORY BLVD. @ WILD AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R026**
Program / Asset #	: **BOE0917.000 / 1450**	**Yr Built/Renovated**	: **1886 / 2011**
Area Sq Ft	: **28,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2634** **Lot** : **1**	**BIN**	: **5107386**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$238,000	$51,600
Interior Architecture	$142,500	$712,400
Electrical	$392,300	$421,900
Mechanical	$10,600	$360,200
Site Pavements	$77,700	
Total	**$861,100**	**$1,546,100**
Importance Code A	$238,000	$51,600
Importance Code B	$623,100	$1,494,500
Total	**$861,100**	**$1,546,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,600		$8,700	
Interior Architecture	$41,100		$2,000	$3,500
Electrical	$1,900	$2,000	$28,900	$1,900
Mechanical	$12,800	$4,500	$3,800	$3,700
Site Enclosure	$6,600			
Site Pavements	$15,000			
Total	**$139,000**	**$6,500**	**$43,300**	**$9,100**
Importance Code A	$64,200	$2,600	$11,400	$2,600
Importance Code B	$47,200	$3,900	$32,000	$6,500
Importance Code C	$27,600			
Total	**$139,000**	**$6,500**	**$43,300**	**$9,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	* *	5	$4,200	
Masonry: Brick	80%	Now	$138,000	LIFE	* *	5	$33,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$3,900	
Metal Panel	5%			2051	* *	5-10	$14,400	
Windows								
Aluminum	95%			2039	* *	5	$7,600	
Metal Louvers	5%			2034	* *	10	$2,500	
Parapets								
Masonry: Brick	90%	Now	$7,100	LIFE	* *	5	$2,800	
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$400	
Roof								
Asphalt Shingle	25%	0-2	$3,200	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	20%			2036	* *	10	$4,700	
Skylight, Metal/Glass	5%	0-2	$99,900	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : 3 Skylights								
Spray-on Foam	50%	Now	$39,100	2041	* *	5	$7,900	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Main Roof								
Soffits								
Wood	100%			2029	$51,600	5	$11,800	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$23,500	
Ceramic Tile	5%	Now	$12,100	2034	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms, Throughout								
Vinyl Tile	5%			2039	* *	3	$1,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Vinyl Tile	60%	Now	$142,500	2031	$712,400	3	$9,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%			2066	* *	5	$4,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Interior Walls								
Ceramic Tile	5%	Now	$11,600	2034	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms, Throughout								
Gypsum Board	5%			LIFE	* *	5	$1,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%	Now	$16,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Basement								
Plaster	80%			LIFE	* *	5	$10,100	
Ceilings								
AcousTileSusp.Lay-In	5%			2044	* *	5	$2,100	
Embossed Metal	25%			LIFE	* *	5	$4,800	
Gypsum Board	1%			LIFE	* *	5	$500	
Plaster	69%			LIFE	* *	5	$18,500	
Site Enclosure								
Fence/Gates								
Chain Link	98%			2041	* *			
Iron Picket	2%			2051	* *			
Retaining Walls								
Cast in Place Concrete	80%	0-2	$6,600	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	20%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%	0-2	$11,100	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	50%			2034	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	90%			2040	* *			
Rubber Matting	10%	Now	$3,900	2026	$77,700			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$130,000	5	$100	
Raceway								
Conduit	10%			2051	* *	1		
Conduit	90%			2031	$55,100	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	10%			2047	* *	5	$100	
Molded Case Bkrs	80%			2030	$79,800	5	$600	
Wiring								
Braided Cloth	40%			2030	$30,900	1		
Thermoplastic	10%			2051	* *	1		
Thermoplastic	50%			2031	$38,600	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2026	$392,300	10	$24,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2036	* *	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 1st Floor Lobby, Bathroom And Hallway 1st Floor								
Incandescent	1%			2031	$7,800	2		
LED	1%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Egress Lighting								
Emergency, Service	5%			2026	$900	1		
Emergency, Battery	45%			2031	$21,200	10	$3,000	
Exit, Battery	50%			2036	* *	10	$900	
Exterior Lighting								
HID	100%			2031	$130,700	10	$100	
Alarm								
Security System								
Generic	50%			2031	$26,300	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2036	* *	1-3	$7,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$1,300	2051	* *	1		
Controller Not Working, Extent : Light, Area Affected : 5%								
Location : Defective Petrometer In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 3,000 Gallon Oil Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	10%			2036	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Gas-fired Furnaces - Described Under Air-conditioning Units.								
Steam Boiler	90%			2044	* *	1	$25,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$2,100	
Other Observation, Extent : Light, Area Affected : 25%								
Location : Various Locations Throughout; Basement								
Explanation : Float And Thermostatic Traps And Terminal Unit Thermostatic Traps Were Upgraded In 2019. Steam Condensate/vacuum Pump System Was Upgraded In 2020.								
Terminal Devices								
Convector/Radiator	90%	Now	$4,100	2036	* *	1	$7,300	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Room 206								
Unit Heater - Steam	10%			2031	$15,900	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2036	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Three Packaged Air Conditioning Units Each Includes A Gas-fired Furnace.								
Window/Wall Unit	70%			2030	$74,300	1		
Window/Wall Unit	10%			2024	$10,600	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$1,600	
No Component	90%							
Exhaust Fans								
Roof	10%	Now	$2,700	2036	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Multiple Mechanical Issues With Fan Located On Main Roof.								
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2051	* *	1		
Galvanized Steel	80%			2029	$286,000	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Heater Installed In 2020. Circulating Pump Was Repaired.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,000	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Cracked And Clogged Storm Leader Outside Of Building Near Exit 6.								
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Installed In 2020.								
Backflow Preventer								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : One Water Main In Basement Provides Service To Domestic And Sprinkler System Each With A Reduced Pressure Zone Devic And Double Check Valve, Respectively.								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : 1st Floor Girls Toilet Room								
Explanation : 1 Of 2 Water Mains Does Not Have A Backflow Preventer.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2051	* *	1-2	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 27 - BK**
Address : **27 HUNTINGTON STREET NELSON AND HICKS STREETS**
Borough : **BROOKLYN**
Agency's Number : **K027**
Program / Asset # : **BOE0361.000 / 342**
Yr Built/Renovated : **1890 / 2007**
Area Sq Ft : **92,000**
Project Type : **EDUCATION**
Date of Survey : **11-Jun-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **525** **Lot** : **1** **BIN** : **3008342**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$597,500	$559,500
Interior Architecture	$6,428,900	$464,200
Electrical		$321,500
Mechanical	$1,199,200	$1,484,500
Site Pavements	$168,700	$146,600
Total	**$8,394,300**	**$2,976,300**
Importance Code A	$597,500	$559,500
Importance Code B	$7,796,800	$2,416,800
Total	**$8,394,300**	**$2,976,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$80,500		$2,000	
Interior Architecture	$199,000		$18,100	$52,900
Electrical	$17,100	$7,000	$22,800	$9,500
Mechanical	$127,800	$15,200	$20,900	$14,300
Site Enclosure	$33,800			
Site Pavements	$52,700			
Total	**$510,900**	**$22,200**	**$63,800**	**$76,700**
Importance Code A	$120,600	$9,100	$11,300	$9,100
Importance Code B	$182,000	$13,100	$52,500	$67,600
Importance Code C	$208,300			
Total	**$510,900**	**$22,200**	**$63,800**	**$76,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$121,800	LIFE	* *	5	$73,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Rear Of Building								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 332, 334, 336								
Masonry: Granite	3%	0-2	$18,400	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Stair Cheek Walls								
Masonry: Limestone	2%	Now	$12,300	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	98%	Now	$475,700	2047	* *	5	$12,500	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : 5 Windows Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	2%	Now	$12,300	2056	* *	5	$2,500	1
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Basement Windows - Hicks Street Facade								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,000	
Masonry: Brick	90%			LIFE	* *	5	$10,400	
Roof								
Built-Up (BUR)	78%	Now	$24,300	2031	$485,500			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 5%								
Location : Gutter Clogged - Interior Courtyard Facade								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Bulkheads And 3rd Floor Corridor And Classrooms								
Metal Panel	2%			2036	* *	10	$2,000	
Skylight, Metal/Glass	2%			2041	* *	10	$3,600	
Slate	18%	Now	$13,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 1890 Wing - Various Locations								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 252, 254								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	3%			2027	$44,600	3	$5,000	
Cast in Place Concrete	5%	Now	$7,100	LIFE	* *	5	$9,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Crawl Space And Fan Room								
Ceramic Tile	10%	Now	$9,500	2034	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%	Now	$46,400	2031	$464,200	3	$6,300	
Uneven Substrate, Extent : Moderate, Area Affected : 35%								
Location : Cafeteria And Auditorium Floors								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout Cafeteria / Auditorium								
Vinyl Tile	2%			2039	* *	3	$800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Vinyl Tile	3%			2039	* *	3	$1,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 5 Classrooms Throughout								
Vinyl Tile 9" X 9"	42%	Now	$124,600	2026	$6,227,700	3	$13,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	15%			2046	* *	5	$23,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$12,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$3,600	2034	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	3%	Now	$23,900	LIFE	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Masonry: Brick	7%	Now	$17,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Hicks Street Facade								
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	53%	Now	$42,300	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 1890 Wing - 2nd Floor Corridor								
SGFT/Glazed Masonry	25%	Now	$29,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$8,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2036	* *	5	$4,200	
Embossed Metal	10%	Now	$5,100	LIFE	* *	5	$3,800	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Classrooms								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,000	
Plaster	60%	Now	$76,700	LIFE	* *	5	$31,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 3rd Floor North Wing								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Corridor And Stairs								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%	0-2	$24,800	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Perimeter Of Schoolyard								
Iron Picket	25%	Now	$9,000	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Along Hicks Street								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$98,400	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Asphalt	25%	0-2	$600	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	70%	Now	$12,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Granite	5%	0-2	$4,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Exit Stairs								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Exit Stairs								
Parking/Driveway								
Asphalt	100%	0-2	$27,900	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Parking Lot								
Activity Yard								
Asphalt	85%	0-2	$70,300	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Schoolyard								
Rubber Matting	15%	Now	$7,300	2031	$146,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Vegetation Growth In Joints								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	60%			2031	$121,100	1		
Conduit	40%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	93%			2039	* *	10	$78,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2039	* *	10	$2,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Mechanical Spaces								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2036	* *	10	$8,900	
Exit, Service	10%			2026	$4,000	1		
Exit, Battery	40%			2036	* *	10	$2,500	
Exterior Lighting								
HID	100%	Now	$8,600	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Ten Light Fixtures Are Not Operational In Roof And Building Perimeter								
Alarm								
Security System								
Generic	50%			2036	* *	1	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								

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DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2036	* *	1-3	$40,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$40,100	2048	* *	1	$82,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Defective Outside Air Damper Actuators, Flue Gas Stack Damper Actuators, 1 Of 2 Vacuum Pumps In Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	80%			2057	* *	4	$5,400	
Central Plant Steam Piping/Pmp	20%	Now	$51,700	2041	* *	4	$900	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout The Building								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Various Locations Throughout								
Explanation : 50 Percent Of Building's Float And Thermostatic Steam Traps, Terminal Unit Thermostatic Traps Have Been Installed In 2012.								

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DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$346,300	1	$11,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	40%			2029	$300,900	1	$11,900	
On Extended Life, Extent : Moderate, Area Affected : 70%								
Location : 1934 And 1957 Section Of The Building. The 1890 Section Of The Building Had New Convector Installed In 2007.								
Convector/Radiator	15%			2048	* *	1	$4,500	
Convector/Radiator	10%	0-2	$45,100	2051	* *	1	$2,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Control Valves In Various Locations Throughout								
Fan Coil Unit/Heat	15%	Now	$6,800	2026	$342,200	1	$4,000	
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Throughout The Classrooms In The 1934 Section Of The Building								
Air Conditioning								
Energy Source								
Electricity	10%			2047	* *	1		
No Component	90%							
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2039	* *	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium Roof								
Explanation : Rooftop Unit Serves Auditorium								
Window/Wall Unit	10%	0-2	$20,900	2031	$34,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Library And Various Classrooms Throughout								
Window/Wall Unit	60%			2029	$209,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	Now	$4,000	LIFE	* *	2-5	$2,600	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Defective Ball Bearings For Supply Fan Serving Assembly Room In Fan Room								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$48,700	
Exhaust Fans								
Interior	25%	Now	$51,000	2026	$102,000	2	$600	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Toilet Exhaust Fans No.4 In Basement Mechanical Room And No.5 In Mezzanine Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Interior	75%			2026	$306,000	2	$2,100	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2057	* *	1		
Galvanized Steel	80%			2029	$939,600	1		
Antiquated, Extent : Light, Area Affected : 100%								
Location : Basement Crawl Space								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room Of Original Building, Basement Crawl Space By Nelson Street And Huntington Street								
Explanation : Three Water Mains Exist								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	2%	Now	$500	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Sink Drain Leaking In Room 140a								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	98%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,500	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : 40 Linear Feet Of Cracked Drainage Piping Located In Basement Mechanical Area								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$1,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Pit								
Backflow Preventer								
Generic	100%			2039	* *	1	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Unit Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 28 - M**
Address : **475 WEST 155 STREET @AMSTERDAM AVE.**
Borough : **MANHATTAN**
Agency's Number : **M028**
Program / Asset # : **BOE0016.000 / 442**
Yr Built/Renovated : **1960 / 2000**
Area Sq Ft : **102,000**
Project Type : **EDUCATION**
Date of Survey : **27-May-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2107** **Lot** : **26** **BIN** : **1076739**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,098,200	
Interior Architecture	$14,272,400	$1,013,400
Electrical	$390,400	$1,341,800
Mechanical	$941,800	$1,160,500
Site Pavements	$98,200	$193,400
Total	**$16,801,100**	**$3,709,100**
Importance Code A	$1,098,200	$51,400
Importance Code B	$15,702,800	$3,657,700
Total	**$16,801,100**	**$3,709,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$6,900
Interior Architecture	$159,500	$4,000		$34,200
Electrical	$11,200	$1,300	$1,900	$76,700
Mechanical	$58,900	$23,300	$13,100	$27,200
Site Enclosure		$5,100		
Site Pavements	$400			
Total	**$229,900**	**$33,800**	**$15,000**	**$144,900**
Importance Code A				$7,100
Importance Code B	$159,600	$28,700	$15,000	$137,800
Importance Code C	$70,300	$5,100		
Total	**$229,900**	**$33,800**	**$15,000**	**$144,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	55%			LIFE	* *	5	$45,000	
Metal/Glass Curt Wall	30%	Now	$413,800	LIFE	* *	5	$46,000	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Granite Panels	12%	2-4	$60,400	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corner Of 155th Street And Amsterdam Avenue								
Marble Panels	3%			LIFE	* *	5	$1,800	
Windows								
Aluminum	60%	0-2	$555,100	2057	* *	5	$5,800	
Air Infiltration, Extent : Severe, Area Affected : 25%								
Location : Original Building								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Original Building								
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Original Building								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Original Building								
Aluminum	40%			2048	* *	5	$7,800	
Parapets								
Masonry: Brick Cavity	40%			LIFE	* *	5	$4,700	
Metal/Glass Curt Wall	30%			2052	* *	5	$13,800	
Metal Panel	15%			2058	* *	5	$6,900	
Pre-Cast Concrete	15%			LIFE	* *	5	$11,200	
Roof								
Metal Panel	5%			2049	* *	10	$12,200	
Modified Bitumen	95%	4+	$69,000	2037	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Soffits								
Stucco Cement	100%			2037	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$27,300	LIFE	* *	5	$35,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridors And Electrical Room								
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridors And Electrical Room								
Ceramic Tile	5%			2035	* *	5	$8,000	
Quarry Tile	5%	Now	$11,800	2037	* *	5	$6,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	20%	Now	$88,800	2032	$888,000	3	$12,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Loading Docks								
Vinyl Tile 9" X 9"	50%			2027	$14,183,600	3	$40,200	
Wood	10%	4+	$19,200	2047	* *	5	$15,100	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Stage								
Interior Walls								
Ceramic Tile	7%	0-2	$35,400	2035	* *	5	$6,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen And Cafeteria								
Concrete Masonry Unit	10%	Now	$34,500	LIFE	* *	5	$7,300	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Basement Men And Women Bathroom								
Masonry: Brick	10%			LIFE	* *			
Plaster	48%			LIFE	* *	5	$26,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Walls								
Ceilings								
AcousTile,Adhered	25%			2037	* *	5	$40,200	
Exposed Struc: Concrete	50%			LIFE	* *	5	$12,600	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%	4+	$6,300	2032	$125,300			
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Metal Panel	3%	4+	$3,200	LIFE	* *	5	$6,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	12%	Now	$11,700	LIFE	* *	5	$12,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Picket	40%			2052	* *			
Aluminum Rail	10%			2045	* *	5-10	$8,400	
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Roof								
Explanation : Roof Guard Railing								
Chain Link	30%			2042	* *			
Iron Picket	20%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Asphalt	10%	2-4	$200	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear And Side Walkways Of Building								
Cast in Place Concrete	85%			2045	* *			
Masonry: Granite	5%	Now	$200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Entrance Steps On 155th Street								
Activity Yard								
Asphalt	60%	Now	$98,200	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Play Yard Off 155th Street								
Pavers/Stone	20%			2041	* *			
Rubber Matting	20%			2032	$193,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2032	$5,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2042	* *	5		
Molded Case Bkrs	90%			2032	$234,100	5	$2,400	
Raceway								
Conduit	95%			2032	$231,500	1		
Conduit	5%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	75%			2031	$179,600	5	$2,000	
Molded Case Bkrs	15%			2040	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$239,300	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2042	* *	1		
Thermoplastic	20%			2032	$68,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	26%			2032	$395,300	10	$24,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	70%			2037	* *	10	$65,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$85,600	10	$12,300	
Exit, Service	50%			2027	$22,000	1		
Exterior Lighting								
Fluorescent	20%			2037	* *	10	$1,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Outside Wall								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$38,300	1	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	20%	Now	$19,200	2027	$383,900	1	$11,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Blower Steam Coil, Basement								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control System								
Convector/Radiator	80%	Now	$33,400	2030	$667,300	1	$23,700	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : Stream Traps Faulty								
Air Conditioning								
Conversion Equipment								
Split Unit	1%			2040	* *			
Window/Wall Unit	80%			2027	$309,100	1		
No Component	19%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,900	
Exhaust Fans								
Interior	20%			2027	$90,500	2	$600	
Roof	80%			2027	$158,300	2	$2,500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2032	$493,200	4	$15,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2027	$20,400	4	$2,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2025	$16,300	1-3	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 28 - Q**		
Address	: **109-10 47TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q028**
Program / Asset #	: **BOE1025.000 / 13467**	**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **51,715**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2003** **Lot** : **23**	**BIN**	: **4529578**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$110,400	
Electrical		$1,073,800
Mechanical		$787,800
Total	**$110,400**	**$1,861,600**
Importance Code A	$110,400	
Importance Code B		$1,861,600
Total	**$110,400**	**$1,861,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$4,300		
Interior Architecture	$37,000			$7,700
Electrical	$13,500	$10,200	$5,000	$5,300
Mechanical	$35,200	$51,300	$33,600	$22,600
Site Pavements	$300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$93,900**	**$73,700**	**$46,600**	**$43,600**
Importance Code A	$5,100	$9,500	$5,100	$5,100
Importance Code B	$88,000	$64,200	$41,400	$38,500
Importance Code C	$800			
Total	**$93,900**	**$73,700**	**$46,600**	**$43,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$39,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,800	
Window Wall	5%			2050	* *	5	$8,000	
Windows								
Aluminum	95%	0-2	$53,200	2046	* *	5	$5,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Rooms 207, 208								
Metal Louvers	5%			2043	* *	10	$3,700	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$6,500	
Metal Panel	2%			2050	* *	5	$600	
Pre-Cast Concrete	8%			LIFE	* *	5	$3,600	
Roof								
Built-Up (BUR)	95%			2035	* *	10	$57,100	
Skylight, Plastic	5%			2043	* *	1		
Soffits								
Alum/Vinyl Siding	100%			2050	* *	10		
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$11,900	
Ceramic Tile	5%			2039	* *	5	$3,900	
Quarry Tile	3%			2043	* *	5	$3,500	
Terrazzo	5%			LIFE	* *	5	$3,000	
Vinyl Tile	80%	0-2	$34,200	2035	* *	3	$23,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Entry Door								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$1,700	
Concrete Masonry Unit	40%			LIFE	* *	5	$9,000	
Glass Block	2%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$10,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	70%			2043	* *	5	$54,200	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$19,400	
Metal Panel	5%			LIFE	* *	5	$4,800	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2050	* *			
Iron Picket	20%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	90%			2039	* *			
Cast in Place Concrete	5%			2043	* *			
Rubber Matting	5%	0-2	$300	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Play Yard								
Explanation : Damage By Contractor Work								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere Main Disconnect Switch Bolted Pressure Contact								
Fused Disc Sw	10%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch For The Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$200	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$100	
Molded Case Bkrs	90%			2038	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$15,900	
Generators								
Diesel	100%			2033	$138,700	1	$20,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 230 Kilowatt								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$11,500	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 60 Gallons								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	89%			2030	$686,100	10	$42,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2035	* *	10	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby And 1st Floor								
Explanation : Compact Fluorescent Lamps								
Fluorescent	1%			2030	$7,700	10	$500	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Gas Room Basement								
Egress Lighting								
Emergency, Service	60%			2030	$19,100	1		
Exit, Service	40%			2030	$8,900	1		
Exterior Lighting								
HID	100%			2030	$241,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$29,100	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Exit Doors And Some Offices								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$40,000	1-3	$9,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$51,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2050	* *			
Terminal Devices								
Air Handler	75%			2035	* *	1	$24,000	
Convector/Radiator	25%	Now	$2,100	2035	* *	1	$3,800	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Pipe Connection, Rooms 208, 210, 220.								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2030	$610,400	1	$19,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2050	* *	4	$2,000	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2035	* *	1	$25,600	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	80%			2030	$95,800	2	$28,800	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	4%	0-2	$4,500	LIFE	* *	2-5	$1,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Ductwork Leaking At Rooms 207, 209, 211.								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Rooms 218, 220.								
Explanation : Mechanical Defective Dampers								
Ductwork/Diffusers	96%			LIFE	* *	2-5	$27,700	
Exhaust Fans								
Interior	70%			2035	* *	2	$1,100	
Roof	30%			2030	$30,100	2	$500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	2%	0-2	$1,300	2050	* *	1		
Broken, Extent : Moderate, Area Affected : 2%								
Location : Toilet Of Room 203								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Boiler Water Feeding Meter. Basement								
Brass/Copper	98%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,100	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$2,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$26,100	
Sprinkler								
Generic	100%			2050	* *	1-2	$14,500	
Fire Pump								
Generic	100%			2033	$49,400	1	$9,700	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 29 - BK**		
Address	: **425 HENRY STREET @BALTIC STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K029**
Program / Asset #	: **BOE0363.000 / 343**	**Yr Built/Renovated**	: **1921 / 2015**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Mar-2020**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **311** **Lot** : **1**	**BIN**	: **3255627**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$95,500	$195,600
Interior Architecture	$602,700	$486,800
Electrical	$629,800	$371,800
Mechanical	$735,000	$2,592,400
Site Pavements	$145,900	
Total	**$2,208,900**	**$3,646,700**
Importance Code A	$95,500	$195,600
Importance Code B	$1,691,800	$3,339,000
Importance Code C	$421,700	$112,100
Total	**$2,208,900**	**$3,646,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,100		$51,200	
Interior Architecture	$178,700	$15,800		$10,100
Electrical	$1,400	$2,000	$151,300	$1,400
Mechanical	$83,700	$10,900	$52,400	$11,700
Total	**$271,000**	**$28,700**	**$255,000**	**$23,200**
Importance Code A	$14,800	$7,700	$59,100	$7,700
Importance Code B	$256,100	$7,600	$195,900	$15,500
Importance Code C		$13,300		
Total	**$271,000**	**$28,700**	**$255,000**	**$23,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$76,600	
Masonry: Brick	85%			LIFE	* *	5	$119,000	
Masonry: Granite	5%			LIFE	* *	5	$5,300	
Metal Panel	3%			2051	* *	5-10	$28,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Mechanical Bulkheads								
Windows								
Aluminum	100%	Now	$95,500	2047	* *	5	$18,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Various Locations								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,500	
Masonry: Brick Cavity	83%			LIFE	* *	5	$10,200	
Metal Rail	2%			2044	* *	5-10	$4,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
Roof								
Fluid Applied Roofing	5%			2059	* *			
Metal Panel	5%			2044	* *	10	$4,400	
Modified Bitumen	90%			2036	* *	10	$43,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$41,000	
Ceramic Tile	4%			2040	* *	5	$5,000	
Quarry Tile	5%			2044	* *	5	$9,400	
Sheet Vinyl/Rubber	2%	Now	$17,900	2031	$179,000	5	$1,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Auditorium								
Terrazzo	6%	Now	$38,400	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st And 2nd Corridors								
Traffic Topping	3%	Now	$19,600	2031	$195,800	5	$2,300	
Split/Cracked, Extent : Severe, Area Affected : 20%								
Location : Stair Treads								
Wrinkling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%			2036	* *	3	$31,200	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%	2-4	$181,100	2041	* *	3	$7,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$26,700	
Masonry: Brick	10%	Now	$222,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Metal: Cage/Fence	2%			LIFE	* *			
Mosaic Tile	3%			LIFE	* *			
Plaster	70%	0-2	$199,100	LIFE	* *	5	$112,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Fan Room Stairs								
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$22,000	2036	* *	5	$15,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTile,Adhered	3%			2044	* *	5	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Acoustical Tiles								
AcousTileConcealSpLn	40%	0-2	$44,000	2036	* *	5	$31,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout And Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Fan Room Stairs								
Plaster	27%	4+	$22,500	LIFE	* *	5	$21,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 40%								
Location : Throughout								
Iron Picket	20%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kane St Side Of Activity Yard								
Explanation : Ramp From Sidewalk Level								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$85,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : South Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	90%	2-4	$60,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	10%			2036	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2031	$29,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Ampere Main Disconnect Switch								
Fused Disc Sw	40%			2031	$19,800	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$213,600	2061	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2031	$142,500	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$19,700	5	$200	
Molded Case Bkrs	20%			2047	* *	5	$400	
Molded Case Bkrs	70%			2030	$137,700	5	$1,400	
Wiring								
Braided Cloth	90%	0-2	$196,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	30%			2044	* *	5	$200	
Locally Mounted	70%			2029	$91,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$68,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	3%			2026	$30,400	10	$100	
Incandescent	2%			2026	$47,300	2		
Egress Lighting								
Emergency, Battery	50%			2026	$71,700	10	$9,400	
Exit, Service	50%			2026	$18,400	1		
Exterior Lighting								
HID	20%			2026	$79,700	10		
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	90%							
Generic	10%			2036	* *	1	$2,900	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$44,100	1-3	$9,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 8,000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$77,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$34,200	2031	$684,100			
Corroded, Extent : Severe, Area Affected : 100%								
Location : Vacuum-condensate Return Pump In Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 15%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2026	$321,500	1	$9,700	
Convector/Radiator	80%	Now	$55,900	2029	$558,800	1	$18,100	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Pneumatic Valve Need To Be Replaced - Various								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	2%			2039	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : The Main Distribution Frame Rooms								
Explanation : 2 Units								
Window/Wall Unit	80%			2029	$258,900	1		
No Component	18%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2026	$303,100	2	$1,900	
Roof	20%			2026	$33,200	2	$500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$54,500	2029	$1,090,600	1		
Booster Pump w/Tank, Extent : Severe, Area Affected : 100%								
Location : Leak And Broken Pump In Basement								
Corroded, Extent : Severe, Area Affected : 100%								
Location : Domestic Main Valve In Basement								
Water Heater With Tanks								
Gas Fired	100%			2024	$18,700	2		
Sanitary Piping								
Cast Iron	100%	0-2	$21,500	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$17,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$400	
Chemical System								
No Component	98%							
Generic	2%			2026	$1,800	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 29 - Q**		
Address	: **125-10 23 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q029**
Program / Asset #	: **BOE0690.000 / 2261**	**Yr Built/Renovated**	: **1928 / 2012**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4229** **Lot** : **14**	**BIN**	: **4099925**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$106,500	
Interior Architecture	$391,500	
Electrical	$119,800	$451,700
Mechanical		$1,107,600
Site Enclosure	$55,500	
Total	**$673,200**	**$1,559,300**
Importance Code A	$106,500	
Importance Code B	$566,700	$1,559,300
Total	**$673,200**	**$1,559,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$230,100			
Interior Architecture	$245,400		$27,000	$15,400
Electrical	$14,000	$7,100	$8,800	$7,800
Mechanical	$49,700	$34,900	$30,200	$21,800
Site Pavements	$3,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$551,100**	**$49,900**	**$73,900**	**$52,800**
Importance Code A	$236,300	$6,200	$6,200	$6,200
Importance Code B	$219,700	$43,700	$67,600	$42,700
Importance Code C	$95,100			$3,900
Total	**$551,100**	**$49,900**	**$73,900**	**$52,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$58,700	
Masonry: Brick	38%			LIFE	* *	5	$57,100	
Masonry: Brick Cavity	50%			LIFE	* *	5	$75,100	
Masonry: Granite	2%	0-2	$2,400	LIFE	* *	5	$1,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout Old Wing								
Masonry: Marble	2%			LIFE	* *	5	$2,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$14,600	
Windows								
Aluminum	75%	Now	$19,000	2049	* *	5	$4,000	
Air Infiltration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	25%	Now	$106,500	2058	* *	5	$13,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : 1928 Wing								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : 1928 Wing								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : 1928 Wing								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : 1928 Wing								
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$38,000	
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$10,400	
Masonry: Brick	35%			LIFE	* *	5-10	$17,600	
Masonry: Brick Cavity	30%			LIFE	* *	5-10	$15,100	
Masonry: Limestone	5%			LIFE	* *	5-10	$4,500	
Roof								
Built-Up (BUR)	65%	Now	$46,400	2038	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ponding, Extent : Light, Area Affected : 10%								
Location : Roof Old Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into 4th Floor Old Wing								
Copper/Terne	5%			2048	* *	10	$7,700	
Panel/Paver: Cer/Brk	30%			2053	* *	10	$24,500	
Soffits								
Metal Panel	100%			2053	* *	5-10		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$18,900	LIFE	* *	5	$24,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Lobby								
Ceramic Tile	5%			2042	* *	5	$5,500	
Terrazzo	2%			LIFE	* *	5	$3,500	
Vinyl Tile	43%	0-2	$26,300	2038	* *	3	$17,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	0-2	$391,500	2043	* *	3	$8,300	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor And Various Offices								
Wood	20%			2048	* *	5	$41,600	
Interior Walls								
Cast in Place Concrete	5%	Now	$36,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Gasoline Meter Room								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room, Fire Pump Room And Gasoline Meter Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room And Gasoline Meter Room								
Ceramic Tile	8%			2042	* *	5	$7,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,800	
Folding Partition	5%			2049	* *	5	$12,100	
Gypsum Board	20%			LIFE	* *	5-10	$33,000	
Marble Panels	2%			LIFE	* *	10	$800	
Plaster	40%			LIFE	* *	5-10	$33,000	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$4,800	
Ceilings								
AcousTileConcealSpLn	15%			2046	* *	5	$20,800	
AcousTileSusp.Lay-In	30%			2046	* *	5	$33,300	
Exposed Struc: Concrete	15%	Now	$49,900	LIFE	* *	5	$2,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Exposed Struc: Steel	5%			LIFE	* *	10	$11,100	
Plaster	35%			LIFE	* *	5-10	$66,700	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Iron Picket	25%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$55,500	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Window Wells								

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	85%	0-2	$3,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	15%			2033	$41,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	55%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Fused Disc Sw	45%			2033	$20,400	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Disconnect Switch Rated At 1,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	30%			2033	$58,500	5	$100	
Fused Disc Sw	70%			2053	* *	5	$200	
Raceway								
Conduit	70%			2033	$101,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	7%			2032	$12,600	5	$100	
Fused Disc Sw	3%			2049	* *	5	$100	
Molded Case Bkrs	60%			2032	$107,800	5	$1,200	
Molded Case Bkrs	30%			2049	* *	5	$600	
Wiring								
Braided Cloth	60%	2-4	$119,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2053	* *	1		
Motor Controllers								
Locally Mounted	35%			2046	* *	5	$200	
Locally Mounted	65%			2031	$77,600	5	$300	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,100	
Generic	50%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$68,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	20%			2038	* *	10	$3,700	
Emergency, Battery	30%			2028	$38,300	10	$5,500	
Exit, Service	30%			2038	* *	1		
Exit, Service	20%			2028	$6,600	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$28,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$46,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	35%			2053	* *	1		
Interruptible Gas/Dual Fuel	65%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	35%			2038	* *	1	$13,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 4 Rooftop Package Units								
Steam Boiler	65%			2046	* *	1	$48,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	65%			2033	$395,600			
No Component	35%							
Terminal Devices								
Air Handler	15%			2028	$214,500	1	$7,100	
Convector/Radiator	35%			2038	* *	1	$8,600	
Convector/Radiator	10%			2046	* *	1	$2,500	
Unit Heater - Steam	5%			2033	$21,600	4	$500	
No Component	35%							
Air Conditioning								
Energy Source								
Electricity	65%			2041	* *	1		
Electricity	35%			2055	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	35%			2038	* *	2	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 4 Package Units Using 410-a Refrigerant								
Window/Wall Unit	40%			2028	$115,200	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	65%			LIFE	* *	2-5	$43,600	
Ductwork/Diffusers	35%			LIFE	* *	2-5	$23,500	
Exhaust Fans								
Interior	65%			2033	$219,100	2	$1,500	
Roof	35%			2038	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	65%			2043	* *	1		
Brass/Copper	35%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 100 Gallons Unit								

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	65%			LIFE	* *	1		
Cast Iron	35%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	65%			LIFE	* *	1		
Cast Iron	35%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,000	
Backflow Preventer								
Generic	100%			2041	* *	1	$4,700	
Fixtures								
Generic	65%							
Generic	35%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	65%							
Generic	35%			2059	* *	1-5	$13,400	
Sprinkler								
No Component	65%							
Generic	35%			2059	* *	1-2	$7,500	
Fire Pump								
No Component	65%							
Generic	35%			2046	* *	1	$5,000	
Chemical System								
Generic	100%			2031	$163,200	1-3	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 29 - SI**
Address : **1581 VICTORY BLVD @ SLOSSON AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0919.000 / 1452**
Area Sq Ft : **62,000**
Date of Survey : **15-Nov-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,Ph**
Block : **331** **Lot** : **1**
Agency's Number : **R029**
Yr Built/Renovated : **1922 / 2017**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5009028**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$313,200	$59,600
Interior Architecture	$1,160,000	$2,050,400
Electrical	$129,700	$1,884,100
Mechanical	$958,600	$1,145,500
Total	**$2,561,500**	**$5,139,600**
Importance Code A	$313,200	$59,600
Importance Code B	$1,778,000	$5,080,000
Importance Code C	$470,400	
Total	**$2,561,500**	**$5,139,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,000		$6,100	
Interior Architecture	$194,900		$8,400	$9,300
Electrical	$35,900	$5,800	$6,000	$7,600
Mechanical	$119,500	$8,600	$14,500	$8,900
Site Enclosure	$15,200			
Site Pavements	$89,600			
Total	**$520,100**	**$14,400**	**$34,900**	**$25,800**
Importance Code A	$75,800	$6,100	$12,200	$6,100
Importance Code B	$353,900	$8,200	$22,700	$19,600
Importance Code C	$90,400			
Total	**$520,100**	**$14,400**	**$34,900**	**$25,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	4%			LIFE	* *	5	$41,400	
Masonry: Brick	90%			LIFE	* *	5	$119,200	
Masonry: Limestone	4%			LIFE	* *	5	$4,000	
Stucco Cement	2%			2046	* *	5	$3,300	
Windows								
Aluminum	100%	Now	$253,600	2049	* *	5	$8,900	
Air Infiltration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5-10	$19,900	
Masonry: Brick	88%	Now	$22,400	LIFE	* *	5	$8,800	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Northwest Corner Of Main Roof								
Masonry: Limestone	5%			LIFE	* *	5-10	$6,100	
Roof								
Metal Panel	5%			2046	* *	10	$4,400	
Modified Bitumen	65%			2038	* *	10	$31,300	
Modified Bitumen	25%			2038	* *	10	$12,000	
Skylight, Metal/Glass	5%			2053	* *	10	$8,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Rear Center Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	2%	4+	$7,600	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Basement								
Ceramic Tile	3%	0-2	$30,300	2036	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	0-2	$8,400	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	83%	Now	$615,100	2033	$2,050,400	3	$27,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : 3rd Floor Corridors And Classrooms								
Explanation : Uneven, Ridged Surfaces								
Wood	10%			2061	* *	5	$16,800	
Repairs in Progress, Extent : N/A, Area Affected : 15%								
Location : Auditorium Stage								
Interior Walls								
Cast in Place Concrete	5%	Now	$28,000	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement								
Ceramic Tile	5%	Now	$81,100	2036	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	5%	0-2	$70,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Marble Panels	3%	2-4	$39,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	67%	Now	$120,200	LIFE	* *	5	$29,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Stairs G								
SGFT/Glazed Masonry	15%	2-4	$198,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	0-2	$36,400	2038	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	20%	2-4	$45,200	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	Now	$74,500	LIFE	* *	5	$30,600	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs And Room 302								
Site Enclosure								
Fence/Gates								
Chain Link	50%	4+	$15,200	2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Iron Picket	50%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$37,600	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Outside Main Entrance By Large Tree								
On-Site Walkways								
Asphalt	25%			2036	* *			
Cast in Place Concrete	75%	Now	$8,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	70%	Now	$23,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Rubber Matting	30%	Now	$20,100	2038	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Second Playground								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Second Playground								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Second Playground								
Explanation : Fenced Off, Not In Use								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room In Basement								
Explanation : Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$9,000	5	$100	
Fused Disc Sw	5%			2055	* *	5	$100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Fused Knife Sw	10%	0-2	$18,000	2058	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2049	* *	5	$200	
Molded Case Bkrs	70%			2032	$125,700	5	$1,100	
Wiring								
Braided Cloth	65%	0-2	$129,700	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2053	* *	1		
Thermoplastic	30%			2033	$59,900	1		
Motor Controllers								
Locally Mounted	95%			2031	$113,500	5	$400	
Variable Frequency Drive	5%			2053	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$887,300	10	$54,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2033	$14,700	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : HID Lights								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	40%			2028	$41,600	10	$6,000	
Emergency, Battery	10%			2038	* *	10	$1,500	
Exit, LED	10%			2068	* *	1		
Exit, Service	40%			2028	$10,700	1		
Exterior Lighting								
HID	10%	Now	$1,400	2033	$28,900			
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
No Component	90%							
Alarm								
Security System								
Generic	100%	Now	$5,800	2033	$116,400	1	$20,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$159,900	1-3	$39,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	1%			2043	* *	1		
Natural Gas	99%			2063	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Conversion Equipment								
Steam Boiler	100%	Now	$10,800	2046	* *	1	$55,300	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Boiler 1 Damper								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2053	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	Now	$17,500	2033	$350,000	1	$10,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : East Fan Room Gymbasium Blower Coil								
Convector/Radiator	60%			2038	* *	1	$12,000	
Fan Coil Unit/Heat	1%	0-2	$4,600	2033	$15,400	1	$200	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Entrance Door Near Cafeteria								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entrance Door Near Cafeteria								
Explanation : Air Curtain With Electric Heat								
Unit Heater - Steam	9%			2038	* *	4	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Kitchen And Cafeteria Heating								
Controls								
Digital	20%	Now	$7,100	2031	$356,100			
Software Issue Suspected, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And Fan Rooms								
Explanation : Systems Are Running On Manual Control								
Pneumatic	80%			2027	$958,600			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	30%	Now	$44,200	2038	* *			
Broken, Extent : Moderate, Area Affected : 15%								
Location : 1 Unit In Cafeteria								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria And Main Distribution Frame Rooms								
Explanation : 6 Units In Cafeteria, 1 Unit For Main Distribution Frame Room								
Window/Wall Unit	70%	Now	$8,200	2028	$164,400	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Multiple Mechanical Defects								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,700	
Exhaust Fans								
Interior	100%	Now	$5,500	2033	$275,000	2	$1,500	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Controls Are Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 119 Gallons. Quantity 1.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	80%			2038	* *	4	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Sets Of Duplex Pumps								
Submersible	20%	Now	$200	2027	$400	4	$300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : Unit Inadequate Causing The Pit To Overflow And Flood When It Rains								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$300	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 30 - M**		
Address	: **144-176 EAST 128 STREET BTWN: LEXINGTON AVE - THIRD AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M030**
Program / Asset #	: **BOE0017.000 / 2708**	**Yr Built/Renovated**	: **1968 / 2009**
Area Sq Ft	: **136,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1776** **Lot** : **20**	**BIN**	: **1054502**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$532,700	$405,900
Interior Architecture	$14,780,800	$1,736,400
Electrical	$569,900	$553,000
Mechanical	$1,276,800	$2,326,400
Total	**$17,160,200**	**$5,021,700**
Importance Code A	$769,800	$1,591,300
Importance Code B	$16,252,400	$3,368,000
Importance Code C	$138,000	$62,400
Total	**$17,160,200**	**$5,021,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,500			$2,800
Interior Architecture	$126,900	$8,700		$37,900
Electrical	$4,300	$4,100	$2,800	$3,000
Mechanical	$47,000	$20,000	$31,200	$29,400
Site Pavements	$26,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$255,100**	**$36,600**	**$38,000**	**$77,000**
Importance Code A	$46,500	$13,500	$13,500	$16,200
Importance Code B	$171,600	$14,500	$24,500	$60,800
Importance Code C	$37,100	$8,700		
Total	**$255,100**	**$36,600**	**$38,000**	**$77,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	57%	2-4	$427,100	LIFE	* *	5	$103,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : East 128th Street								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	40%	Now	$105,600	LIFE	* *	5	$236,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : South Facade, North Facade								
Slate Panels	3%	2-4	$8,500	LIFE	* *	5	$4,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Sill Plates On East 128th Street Facade								
Windows								
Aluminum	77%	Now	$20,300	2047	* *	5	$10,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Aluminum	20%			2047	* *	5	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street Level								
Explanation : Protective Metal Grilles								
Metal Louvers	3%			2034	* *	10	$5,200	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$11,500	
Metal Rail	5%			2044	* *	5-10	$12,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,500	
Roof								
Modified Bitumen	100%			2039	* *	10	$65,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%	4+	$5,000	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : East 128th Street								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : East 128th Street								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	20%			2030	$714,500	3	$80,800	
Ceramic Tile	4%	2-4	$9,100	2046	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	1%	Now	$9,400	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	Now	$33,500	2031	$1,674,000	3	$22,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Lobby, First Floor Corridors								
Vinyl Tile 9" X 9"	40%	Now	$285,200	2026	$14,260,000	3	$30,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 4th Floor Classroom								
Wood	5%			2059	* *	5	$18,900	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$17,300	
Concrete Masonry Unit	5%	4+	$32,600	LIFE	* *	5	$6,900	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Folding Partition	5%	Now	$138,000	2039	* *	5	$21,700	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Plaster	60%			LIFE	* *	5	$62,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	Now	$97,500	2036	* *	5	$30,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Auditorium, Gymnasium								
AcousTileConcealSpLn	10%			2044	* *	5	$25,200	
Embossed Metal	10%			LIFE	* *	5	$9,100	
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,700	
Plaster	35%			LIFE	* *	5	$44,200	
Site Enclosure								
Fence/Gates								
Chain Link	85%			2051	* *			
Iron Picket	15%			2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$22,000	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$4,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East 127th Street								
Activity Yard								
Asphalt	25%			2040	* *			
Rubber Matting	25%			2036	* *			
Traffic Topping	50%			2036	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$600	
Raceway								
Conduit	70%			2031	$202,200	1		
Conduit	20%			2041	* *	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2053	* *	5	$300	
Molded Case Bkrs	85%			2030	$254,500	5	$3,000	
Molded Case Bkrs	5%			2053	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	10%			2057	* *	1		
Motor Controllers								
Locally Mounted	40%			2044	* *	5	$400	
Motor Control Center	60%			2044	* *	5	$2,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$112,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Type Lamps Fixtures Installed In 2017.								
LED	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Auditorium								
Explanation : Fixtures Installed In 2017								
Egress Lighting								
Exit, Service	50%			2031	$29,300	1		
Exit, Battery	50%			2031	$96,300	10	$4,600	
Exterior Lighting								
HID	20%	2-4	$126,900	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fixtures Are Operational But Require Frequent Maintenance								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$51,100	1	$10,200	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2036	* *	1-3	$17,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gallon Each								
Conversion Equipment								
Steam Boiler	100%	Now	$237,100	2029	$1,185,400	1	$121,200	
Leak Evident, Extent : Severe, Area Affected : 60%								
Location : Boilers No.2 And No.3 In The Boiler Room								
On Extended Life, Extent : Light, Area Affected : 50%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Dual Fuel Steam Boilers								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$21,800	2041	* *			
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump In Room B8								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : 1 Of 2 Vacuum Pumps In Boiler Room								
Terminal Devices								
Air Handler	15%			2026	$383,900	1	$12,600	
On Extended Life, Extent : Light, Area Affected : 25%								
Location : Basement And Second Floor Fan Rooms								
Air Handler	10%	Now	$51,200	2026	$255,900	1	$7,600	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Fan Room And Basement Fan Room								
Explanation : Steam Heating Coil Defective For Auditorium And Cafeteria								
Convector/Radiator	75%			2036	* *	1	$32,900	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	2%			2036	* *			
Window/Wall Unit	80%			2029	$412,200	1		
No Component	18%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,800	
Exhaust Fans								
Interior	25%			2026	$150,800	2	$1,000	
On Extended Life, Extent : Light, Area Affected : 25%								
Location : Basement And Second Floor Fan Rooms								
Roof	75%			2026	$197,900	2	$3,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2041	* *	1		
Galvanized Steel	95%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%	2-4	$300	2024	$17,100	2		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Unit Temperature Control In Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2031	$657,600	4	$13,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,300	
Sewage Ejector(s)								
Electric	100%			2031	$71,200	4	$5,400	
Backflow Preventer								
Generic	100%			2039	* *	1	$8,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Freight Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 30 - Q**		
Address	: **126-10 BEDELL STREET @BAISLEY BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q030**
Program / Asset #	: **BOE0691.000 / 2262**	**Yr Built/Renovated**	: **1964 / 2002**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12495** **Lot** : **65**	**BIN**	: **4270045**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,022,200	$191,800
Interior Architecture	$14,573,700	$778,400
Electrical	$426,400	$682,900
Mechanical	$730,900	$2,935,800
Total	**$16,753,200**	**$4,589,000**
Importance Code A	$1,022,200	$906,500
Importance Code B	$15,671,300	$3,682,400
Importance Code C	$59,700	
Total	**$16,753,200**	**$4,589,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,900		$17,500	$19,000
Interior Architecture	$245,900	$1,500	$15,100	$14,100
Electrical	$2,700	$2,900	$47,100	$2,500
Mechanical	$67,200	$11,900	$31,400	$16,000
Site Enclosure	$26,000			
Site Pavements	$15,300			
Total	**$382,000**	**$16,300**	**$111,100**	**$51,500**
Importance Code A	$33,000	$8,100	$25,800	$27,100
Importance Code B	$223,400	$7,500	$85,300	$24,500
Importance Code C	$125,600	$700		
Total	**$382,000**	**$16,300**	**$111,100**	**$51,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	$1,022,200	LIFE	* *	5	$117,400	
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : Auditorium And Gymnasium Building Lower Area								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Window Lintels								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Bedell Facade - Foundation Walls, Paint And Tank Rooms Most Effected								
Masonry: Brick Cavity	2%			LIFE	* *	5	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entrance At Front And Rear								
Explanation : Glazed Red Brick								
Window Wall	3%			2041	* *	5	$13,900	
Windows								
Aluminum	98%			2047	* *	5	$36,600	
Metal Louvers	2%	Now	$24,900	2046	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$15,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	2%			2057	* *	5	$1,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Pre-Cast Concrete	8%			LIFE	* *	5	$8,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roof And Auditorium, Gymnasium Roofs								
Roof								
Copper/Terne	5%			2046	* *	10	$10,600	
Modified Bitumen	85%			2039	* *	10	$72,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof And Auditorium, Gymnasium Roofs								
Plaza Roof: Stone Panels	10%			2057	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Roof At Lobby								
Explanation : Recent Renovation								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$3,200	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Front And Rear Entrance								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$27,400	LIFE	* *	5	$35,300	
Ponding, Extent : Severe, Area Affected : 10%								
Location : Basement Tank Room And Several Storage Rooms In Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement Tank Room And Several Storage Rooms In Basement								
Ceramic Tile	4%	Now	$36,400	2034	* *	5	$3,200	
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Multiple Bathroom Locations And Kitchen Base Tile								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms And Kitchen								
Ceramic Tile	1%			2040	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Off Of Cafeteria								
Explanation : Renovated Bathrooms								
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	20%			2036	* *	3	$16,100	
Vinyl Tile 9" X 9"	50%	Now	$284,600	2026	$14,229,400	3	$30,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria And Various Locations								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Wood	10%			2059	* *	5	$30,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	1%	Now	$30,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Basement Tank Room								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Basement Tank Room								
Ceramic Tile	4%	Now	$59,700	2034	* *	5	$2,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Multiple Bathroom Locations And Kitchen Base Tile								
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Multiple Bathroom Locations And Kitchen Base Tile								
Ceramic Tile	1%			2040	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Off Of Cafeteria								
Explanation : Renovated Bathrooms								
Concrete Masonry Unit	14%	Now	$35,700	LIFE	* *	5	$7,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Various Locations In Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Various Locations In Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Storage Rooms In Basement								
Masonry: Brick	5%			LIFE	* *			
Plaster	50%	Now	$33,000	LIFE	* *	5	$20,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen Storage Rooms Missing Baseboards								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Storage Rooms At Base Perimeter								
SGFT/Glazed Masonry	25%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Stairwells								
Ceilings								
AcousTile,Adhered	15%			2029	$778,400	5	$24,200	
AcousTileConcealSpLn	15%			2036	* *	5	$30,200	
Exposed Struc: Concrete	50%			LIFE	* *	5	$12,600	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%	4+	$26,700	LIFE	* *	5	$10,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
Location : Kitchen								
Plaster	10%	Now	$24,500	LIFE	* *	5	$10,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Staff Bathroom On First Floor, Girls Bathroom On Second Floor And Basement Large Storage Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Large Storage Room								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%	Now	$600	2036	* *	5	$1,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Center Rail At Bedell Street Going To Basement Level								
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Pipe Railing At Bedell Street								
Chain Link	80%	Now	$22,600	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Iron Picket	15%	4+	$1,800	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Bedell Street								
Free Standing Walls								
Masonry: Brick	100%	2-4	$1,000	2041	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Bedell Street								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Bedell Street								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$15,300	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Bedell Street								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Bedell Street								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	15%			2030	$35,900	5	$300	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	5%			2039	* *	5	$100	
Molded Case Bkrs	75%			2030	$179,600	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2041	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$59,700	5	$300	
Locally Mounted	40%			2036	* *	5	$200	
Locally Mounted	10%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	97%			2036	* *	10	$73,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2031	$22,700	2		
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	25%			2026	$34,400	10	$4,900	
Emergency, Battery	25%			2031	$34,400	10	$4,900	
Exit, Service	25%			2026	$8,800	1		
Exit, Service	25%			2031	$8,800	1		
Exterior Lighting								
HID	15%			2026	$57,400	10		
HID	15%	Now	$57,400	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Not Functional								
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$30,800	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$25,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2029	$714,700	1	$81,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two No.4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	40%	0-2	$52,500	2041	* *			
Controller Not Working, Extent : Moderate, Area Affected : 70%								
Location : Thermostats And Control Valves, Throughout								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : No.2 Boiler Control Valve, And Pipings Various Locations In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Steam Piping/Pump	60%			2031	$394,000			
Terminal Devices								
Air Handler	20%			2026	$308,600	1	$10,100	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Rooms								
Convector/Radiator	80%			2029	$536,400	1	$21,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	70%	0-2	$43,500	2026	$217,500	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$3,600	LIFE	* *	2-5	$2,300	
Broken, Extent : Moderate, Area Affected : 5%								
Location : The Louvres For Boiler Room								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$43,400	
Exhaust Fans								
Interior	20%			2026	$72,700	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Fan Room								
Roof	50%			2026	$79,600	2	$1,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Roof	30%			2036	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2051	* *	1		
Galvanized Steel	80%			2029	$837,500	1		
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
HW Heat Exchanger								
Steam Fired	20%	0-2	$1,600	2031	$79,300	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Steam Fired	80%			2031	$317,200	4	$6,500	
Sanitary Piping								
Cast Iron	30%	0-2	$6,200	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$16,400	4	$1,700	
Backflow Preventer								
Generic	100%			2039	* *	1	$5,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	75%							
	Obsolete Fixtures, Extent : Moderate, Area Affected : 100%							
	Location : Various Locations							
Generic	25%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$56,700	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 30 - SI**		
Address	: **200 WARDWELL AVE AT LEONARD AVES**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R030**
Program / Asset #	: **BOE0920.000 / 1453**	**Yr Built/Renovated**	: **1904 / 2021**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **423** **Lot** : **9**	**BIN**	: **5113069**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$447,300	$237,500
Interior Architecture	$5,201,400	$973,200
Electrical	$139,700	$907,600
Mechanical	$1,597,400	$1,816,100
Site Pavements	$95,200	
Total	**$7,481,000**	**$3,934,400**
Importance Code A	$447,300	$237,500
Importance Code B	$6,578,900	$3,696,900
Importance Code C	$454,800	
Total	**$7,481,000**	**$3,934,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$63,700			
Interior Architecture	$131,900			$8,500
Electrical	$16,900	$4,500	$4,900	$6,800
Mechanical	$74,000	$12,100	$14,800	$12,100
Site Enclosure	$12,300			
Site Pavements	$25,400			
Total	**$324,200**	**$16,500**	**$19,700**	**$27,400**
Importance Code A	$71,600	$7,900	$7,900	$7,900
Importance Code B	$223,500	$8,600	$11,700	$19,500
Importance Code C	$29,100			
Total	**$324,200**	**$16,500**	**$19,700**	**$27,400**

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$20,200	LIFE	* *	5	$33,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler And Oil Tank Room								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$105,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	30%			LIFE	* *	5	$80,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	55%			LIFE	* *	5	$148,200	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$10,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$182,300	2041	* *	5	$19,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$52,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5-10	$114,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2041	* *	10	$70,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	5%			2041	* *	10	$3,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%			2059	* *	10	$13,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$99,900	LIFE	* *	5	$25,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	2%			2042	* *	5	$2,300	
Ceramic Tile	3%	Now	$59,600	2036	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%	Now	$27,400	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	30%	Now	$48,700	2033	$973,200	3	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 12x12 Tiles								
Vinyl Tile 9" X 9"	20%	Now	$4,145,200	2043	* *	3	$8,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	15%	Now	$210,100	2048	* *	5	$16,500	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	15%			2068	* *	5	$33,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Gypsum Board	5%			LIFE	* *	5-10	$16,200	
Masonry: Brick	10%			LIFE	* *	10	$5,700	
Marble Panels	5%	Now	$84,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$370,800	LIFE	* *	5	$45,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement And Stairs 3, 4, 5, 6 Through To Bulkhead, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement And Stairs 3, 4, 5, 6 Through To Bulkhead, Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$34,000	
Gypsum Board	3%			LIFE	* *	5-10	$11,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : Decorative Ceiling								
Metal Panel	2%			LIFE	* *	5	$5,400	
Plaster	70%	Now	$231,800	LIFE	* *	5	$47,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Cast Iron Rail	75%	4+	$12,300	2053	* *	5	$21,200	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Chain Link	25%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$24,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	86%	0-2	$95,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Cast in Place Concrete	2%			2046	* *			
Pavers/Stone	2%			2042	* *			
Rubber Matting	10%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$175,600	5	$300	
Fused Disc Sw	10%			2043	* *	5		
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	70%			2032	$125,700	5	$1,500	
Molded Case Bkrs	20%			2041	* *	5	$400	
Wiring								
Braided Cloth	70%	0-2	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	70%			2031	$83,600	5	$400	
Locally Mounted	30%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$71,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2028	$18,900	10	$100	
Egress Lighting								
Emergency, Battery	50%			2028	$67,100	10	$9,700	
Exit, LED	25%			2061	* *	1		
Exit, Service	25%			2028	$8,600	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	10%			2043	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
No Component	90%							
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$206,400	1-3	$50,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 6,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$79,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	25%			2028	$376,400	1	$12,400	
Convector/Radiator	45%			2031	$294,400	1	$11,600	
Fan Coil Unit/Heat	30%			2028	$595,000	1	$7,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Classrooms								
Explanation : Univents								
Controls								
Pneumatic	100%			2027	$1,546,100			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$95,000			
Window/Wall Unit	80%	Now	$48,500	2028	$242,500	1		
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Throughout								
No Component	15%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$35,300	
No Component	50%							
Exhaust Fans								
Interior	60%			2033	$212,900	2	$1,500	
Roof	5%			2028	$7,800	2	$100	
Wall Unit	5%			2033	$1,700	2	$100	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galvanized Steel	80%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons. Quantity 3								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$800	2033	$16,000	4	$1,700	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Basement, 1 Of 2 Pumps In A Duplex Set								
Backflow Preventer								
Generic	100%			2038	* *	1	$4,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 31 - BK (OL126)**		
Address	: **75 MESEROLE AVENUE @ LORIMER ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K031**
Program / Asset #	: **BOE0364.000 / 344**	**Yr Built/Renovated**	: **1900 / 2010**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Att**		
Block	: **2595** **Lot** : **1**	**BIN**	: **3065299**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$186,400
Electrical	$21,400	$968,500
Mechanical	$248,300	$895,100
Total	**$269,700**	**$2,050,000**
Importance Code B	$269,700	$2,050,000
Total	**$269,700**	**$2,050,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,600			$33,800
Interior Architecture	$53,000	$1,300	$400	$5,600
Electrical	$12,800	$3,100	$3,400	$55,500
Mechanical	$30,700	$12,400	$13,300	$11,800
Site Enclosure	$6,700			
Site Pavements	$5,700			
Total	**$114,400**	**$16,900**	**$17,100**	**$106,700**
Importance Code A	$14,000	$8,400	$8,400	$42,400
Importance Code B	$60,600	$8,500	$8,700	$64,300
Importance Code C	$39,800			
Total	**$114,400**	**$16,900**	**$17,100**	**$106,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,700	
Masonry: Brick	85%			LIFE	* *	5	$16,700	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Exterior Wall								
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Panel	5%			2042	* *	5-10	$6,700	
Windows								
Aluminum	100%	Now	$5,600	2054	* *	5	$2,900	
Glazing Broken/Cracked, Extent : Light, Area Affected : 5%								
Location : 4th Floor Staircase								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$5,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$3,500	
Roof								
Built-Up (BUR)	80%			2037	* *	10	$32,000	
Copper/Terne	20%			2060	* *	10	$20,000	
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$3,700	
Ceramic Tile	3%			2041	* *	5	$600	
Sheet Vinyl/Rubber	3%			2037	* *	5	$1,000	
Slate	3%			LIFE	* *	5	$700	
Terrazzo	3%			LIFE	* *	5	$500	
Vinyl Tile	5%	Now	$1,500	2042	* *	3	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Storage								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Storage								
Vinyl Tile	50%			2037	* *	3	$4,000	
Vinyl Tile 9" X 9"	5%			2032	$186,400	3	$400	
Wood	20%			2047	* *	5	$7,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$10,600	2041	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Bathrooms On 1st, 3rd And 4th Floors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms On 1st, 3rd And 4th Floors								
Glass: Single Pane	3%			LIFE	* *	5	$1,100	
Masonry: Brick	10%			LIFE	* *			
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Basement								
Metal Panel	5%			LIFE	* *			
Plaster	73%	Now	$16,900	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkheads								
SGFT/Glazed Masonry	4%			LIFE	* *			
Wood	2%			LIFE	* *	5	$3,800	
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$2,100	
Exposed Struc: Concrete	8%	2-4	$6,300	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Boiler Room								
Exposed Struc: Steel	7%	2-4	$17,800	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : Barrel Vault Corrugated Metal								
Metal Panel	3%			LIFE	* *	5	$800	
Plaster	72%			LIFE	* *	5	$9,500	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2042	* *			
Iron Picket	40%	Now	$6,700	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Side Gate								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	65%			2045	* *			
Masonry: Granite	35%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	90%	Now	$4,100	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Lot								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Cast in Place Concrete	10%	Now	$1,600	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Parking Lot								
Activity Yard								
Asphalt	50%			2035	* *			
Rubber Matting	50%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2032	$113,800	5	$200	
Fused Disc Sw	50%			2052	* *	5	$200	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	80%			2031	$191,600	5	$1,800	
Molded Case Bkrs	10%			2048	* *	5	$200	
Wiring								
Thermoplastic	95%			2032	$277,200	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,200	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$74,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	35%			2040	* *	10	$7,200	
Emergency, Battery	15%			2027	$21,400	10	$3,100	
Exit, Service	45%			2040	* *	1		
Exit, Service	5%			2027	$1,800	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$47,900	1	$9,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2040	* *	1-3	$15,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$84,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$119,500	2042	* *	4	$4,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Meter Room. Steam Leaking In The Meter Room								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement, Air Compressor Is Not Working								
Terminal Devices								
Convector/Radiator	90%			2030	$625,600	1	$24,700	
Fan Coil Unit/Heat	10%			2032	$210,700	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2027	$128,800	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$9,500	
No Component	80%							
Exhaust Fans								
Interior	20%			2042	* *	2	$500	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	30%			2030	$7,100	4		
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Kitchen								
Explanation : 1 Unit								
Gas Fired	70%			2030	$12,000	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$17,000	2042	* *	4	$1,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2032	$44,500	4	$5,100	
Fixtures								
Generic	100%							

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DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$58,800	1-2	$1,200	
Chemical System								
No Component	90%							
Generic	10%			2031	$8,200	1-3	$7,400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 31 - Q**
Address : **211-45 46 ROAD**
Borough : **QUEENS**
Program / Asset # : **BOE0692.000 / 2651**
Area Sq Ft : **63,000**
Date of Survey : **12-Dec-2019**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **7316** **Lot** : **18**

Agency's Number : **Q031**
Yr Built/Renovated : **1940 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4156949**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$701,000	
Interior Architecture	$848,700	
Electrical	$114,000	$352,100
Mechanical	$279,400	$716,300
Total	**$1,943,100**	**$1,068,400**
Importance Code A	$701,000	
Importance Code B	$872,700	$1,068,400
Importance Code C	$369,300	
Total	**$1,943,100**	**$1,068,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$4,800	
Interior Architecture	$123,600			$5,300
Electrical	$35,400	$4,300	$47,600	$6,100
Mechanical	$27,600	$3,400	$29,600	$2,700
Site Enclosure	$19,200			
Site Pavements	$73,300			
Total	**$279,100**	**$7,700**	**$82,000**	**$14,200**
Importance Code A			$5,000	
Importance Code B	$259,600	$7,700	$77,100	$14,200
Importance Code C	$19,500			
Total	**$279,100**	**$7,700**	**$82,000**	**$14,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Under Construction	5%							
Under Construction	5%							
Under Construction	90%							
Windows								
Aluminum	95%	Now	$701,000	2056	* *	5	$7,400	
Air Infiltration, Extent : Severe, Area Affected : 60%								
Location : Throughout Building								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 95%								
Location : Throughout Building								
Glazing Clouded, Extent : Severe, Area Affected : 30%								
Location : 46th Road								
Metal Louvers	5%			2046	* *	10	$4,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$3,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Under Construction	60%							
Under Construction	35%							
Under Construction	5%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$21,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Basement								
Mosaic Tile	5%	Now	$15,400	2036	* *	5	$4,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$2,600	
Vinyl Tile	25%			2036	* *	3	$8,200	
Vinyl Tile 9" X 9"	40%	Now	$231,600	2041	* *	3	$9,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : At Threshholds Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Classrooms And Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms, Corridors And Cafeteria								
Wood	10%	Now	$19,600	2046	* *	5	$6,200	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Floor At Water Leaks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	1%	Now	$51,200	2046	* *	5	$800	
Adhesion Failure, Extent : Severe, Area Affected : 40%								
Location : Staff Bathrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Staff Bathrooms								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Staff Bathrooms								
Ceramic Tile	4%	2-4	$17,100	2034	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Student Bathrooms And Kindergarten Bathroom								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,100	
Gypsum Board	5%	Now	$2,200	LIFE	* *	5	$4,700	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor								
Masonry: Brick	10%	Now	$147,700	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Walls								
Vertical Cracks, Extent : Severe, Area Affected : 10%								
Location : Fourth Floor Perimeter Walls								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Walls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fourth Floor								
Explanation : Cracks Have Increased With Current Roof Renovation								
Marble Panels	5%	4+	$68,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corners Conditions On First Floor Lobby								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : First Floor Lobby								
Plaster	45%	Now	$84,900	LIFE	* *	5	$20,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Staff Bathrooms, 325, Kindergarten Bathroom								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$4,400	2036	* *	5	$3,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Classroom 308								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Cafeteria, Classroom 308								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Classroom 308								
AcousTileSusp.Lay-In	5%	0-2	$16,900	2036	* *	5	$1,700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 90%								
Location : Fourth Floor Corridors								
Exposed Struc: Concrete	20%	Now	$40,700	LIFE	* *	5	$2,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Basement And Fourth Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Office Through Pipe Penetrations								
Metal Panel	5%	Now	$22,500	LIFE	* *	5	$4,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Plaster	60%	Now	$247,700	LIFE	* *	5	$25,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Kitchen At Window Well, Staff Bathrooms, 325, Kindergarten Bathroom And Art Room Storage Rooms								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 208, 200, 201, Second Floor								
Loose/Delam Surface, Extent : Severe, Area Affected : 75%								
Location : Gymnasium								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Stairwells, Staff Bathrooms, 301, 208, 200, 201, Second Floor, Art Room And Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$15,000	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Playground On Bell Boulevard								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gates At Courtyard								
Explanation : Operation Issues								
Under Construction	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%	4+	$2,300	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Playground On 46th Avenue								
Retaining Walls								
Cast in Place Concrete	100%	Now	$1,900	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Stairs To Basement From Courtyard								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Stairs To Basement From Courtyard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%	Now	$28,900	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Bell Boulevard And 46th Road								
Under Construction	50%							
On-Site Walkways								
Under Construction	100%							
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Asphalt	50%	Now	$44,400	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Playground At Bell Boulevard And 46th Road								
Under Construction	50%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$100	
Molded Case Bkrs	85%			2047	* *	5	$1,400	
Molded Case Bkrs	5%			2030	$9,000	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	15%	2-4	$29,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	85%			2051	* *	1		
Motor Controllers								
Locally Mounted	5%			2036	* *	5		
Locally Mounted	15%			2029	$17,900	5		$100
Locally Mounted	80%	2-4	$57,300	2051	* *	5		$200
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	2%			2036	* *	10		$1,200
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Fluorescent	96%			2036	* *	10		$55,500
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10		$7,600
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$35,500	1		$7,100
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3		$40,000
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$19,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Of The Building								
Explanation : The Boiler Room Is Under Construction. 1 Temporary Boiler Is Being Used								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : The Boiler Room Is Under Construction. 1 Temporary Boiler Is Being Used								
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	30%			2031	$355,700	1	$11,700	
Convector/Radiator	70%			2029	$360,600	1	$14,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2026	$11,900	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$6,900	LIFE	* *	2-5	$1,800	
Broken, Extent : Moderate, Area Affected : 80%								
Location : Flexible Connections, Basement Fan Room								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$33,400	
Exhaust Fans								
Interior	100%			2026	$279,400	2	$1,900	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : 2nd And 3rd Floor								
Explanation : There Is No Exhaust Fan For 2nd And 3rd Staff Bathrooms								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2061	* *	1		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Brass/Copper	60%	0-2	$9,700	2041	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : The Water Main Shutoff Valve In Basement								
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Temporary Electrical Unit Being Used								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	20%	0-2	$7,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 3%								
Location : Bathroom Of Teachers Lunch Room								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Cross Bay, And Various Spots In Basement								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$2,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 31 - SI**		
Address	: **55 LAYTON AVENUE @ BISMARK AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R031**
Program / Asset #	: **BOE0921.000 / 1426**	**Yr Built/Renovated**	: **1965 / 2004**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **49** **Lot** : **182**	**BIN**	: **5001150**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$872,900	$1,093,000
Interior Architecture		$12,363,400
Electrical		$840,700
Mechanical	$399,800	$1,007,900
Total	**$1,272,800**	**$15,305,000**
Importance Code A	$872,900	$1,093,000
Importance Code B	$399,800	$14,211,900
Total	**$1,272,800**	**$15,305,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$60,500			
Interior Architecture	$201,100		$4,000	$11,200
Electrical	$19,200	$7,200	$9,000	$8,100
Mechanical	$60,200	$10,400	$16,700	$10,400
Total	**$341,000**	**$17,600**	**$29,700**	**$29,700**
Importance Code A	$94,000	$7,600	$7,600	$7,600
Importance Code B	$155,800	$10,000	$19,800	$22,100
Importance Code C	$91,200		$2,300	
Total	**$341,000**	**$17,600**	**$29,700**	**$29,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,900	
Ceramic Tile	3%			2053	* *	10	$2,900	
Masonry: Brick	90%			LIFE	* *	5	$188,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$13,600	
Windows								
Aluminum	100%	4+	$517,800	2049	* *	5	$18,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$71,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5-10	$14,200	
Roof								
Copper/Terne	5%			2061	* *	10	$5,600	
IRMA/Protected Membrane	95%	0-2	$199,700	2033	$998,700			
Gravel/Stone Ballast, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Low Roof And Auditorium Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,100	
Ceramic Tile	3%			2036	* *	5	$3,400	
Quarry Tile	4%	Now	$33,700	2038	* *	5	$3,400	
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$9,000	
Vinyl Tile	20%			2033	$633,100	3	$11,500	
Vinyl Tile 9" X 9"	58%			2033	$11,730,200	3	$33,200	
Wood	5%			2048	* *	5	$10,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$18,800	
Ceramic Tile	3%			2036	* *	5	$4,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,000	
Plaster	52%			LIFE	* *	5-10	$66,500	
SGFT/Glazed Masonry	35%			LIFE	* *	10	$26,300	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$28,600	
AcousTileSusp.Lay-In	10%			2038	* *	5	$11,500	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$7,200	
Plaster	60%	4+	$41,800	LIFE	* *	5	$43,000	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2053	* *			
Iron Picket	30%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	50%			2042	* *			
Cast in Place Concrete	50%			2046	* *			
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	80%			2032	$143,700	5	$1,600	
Molded Case Bkrs	10%			2041	* *	5	$200	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	40%			2033	$79,800	1		
Thermoplastic	60%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$63,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Fluorescent	2%			2028	$23,000	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
HID	5%			2028	$45,600	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Fixtures Are In Satisfactory Condition								
LED	3%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : LED Light Fixtures								
Egress Lighting								
Emergency, Battery	50%			2028	$64,600	10	$9,300	
Exit, Service	50%			2028	$16,600	1		
Exterior Lighting								
HID	20%			2028	$71,900	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$144,500	1	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$47,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$23,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$33,600	2053	* *	1	$68,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units. In Process Of Upgrade.								
Distribution								
Steam Piping/Pump	100%	Now	$61,700	2033	$616,600			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$24,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	Now	$14,600	2028	$145,900	1		
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$338,200	LIFE	* *	2-5	$42,900	
Unbalanced System, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exhaust Fans								
Interior	50%			2028	$170,800	2	$1,200	
On Extended Life, Extent : Light, Area Affected : 20%								
Location : Throughout								
Roof	50%	Now	$7,500	2033	$74,700	2	$900	
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$900	2031	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Explanation : Insulation Missing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2028	$15,400	4	$2,400	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	90%							
Generic	10%			2038	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$2,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 32 - BK**		
Address	: **317 HOYT STREET @UNION ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K032**
Program / Asset #	: **BOE0365.000 / 345**	**Yr Built/Renovated**	: **1951 / 2011**
Area Sq Ft	: **72,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jun-2020**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **437** **Lot** : **1**	**BIN**	: **3007326**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$716,100	$2,310,900
Interior Architecture	$15,106,400	
Electrical	$63,900	$348,200
Mechanical	$295,100	$951,300
Site Pavements	$93,700	$82,100
Total	**$16,275,100**	**$3,692,600**
Importance Code A	$716,100	$2,310,900
Importance Code B	$15,335,100	$1,381,700
Importance Code C	$224,000	
Total	**$16,275,100**	**$3,692,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$70,100		$22,000	
Interior Architecture	$95,600		$5,000	$10,600
Electrical	$1,300	$900	$10,100	$500
Mechanical	$21,500	$5,700	$19,900	$7,600
Site Enclosure	$8,700			
Site Pavements	$2,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$203,300**	**$10,500**	**$61,000**	**$22,800**
Importance Code A	$70,100		$22,200	
Importance Code B	$117,800	$10,500	$38,800	$22,800
Importance Code C	$15,400			
Total	**$203,300**	**$10,500**	**$61,000**	**$22,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$199,500	LIFE	* *	5	$110,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	4+	$159,000	LIFE	* *	5	$4,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Decorative Banding And Sills								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Decorative Banding And Sills								
Masonry: Travertine	5%			LIFE	* *			
Windows								
Aluminum	31%	Now	$26,500	2039	* *	5	$5,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Aluminum	67%			2039	* *	5	$22,000	
Metal Louvers	2%			2034	* *	10	$4,100	
Parapets								
Masonry: Brick	85%	0-2	$137,500	LIFE	* *	5	$19,800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Interior Of Parapets								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Main Roof Parapets								
Masonry: Limestone	9%	0-2	$28,500	LIFE	* *	5	$2,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Coping								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Coping								
Metal Rail	3%			2036	* *	5-10	$12,600	
Metal: Cage/Fence	3%			2036	* *	5-10	$5,400	
Roof								
Copper/Terne	5%			2046	* *	10	$11,200	
IRMA/Protected Membrane	95%	Now	$220,000	2031	$2,200,300			
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Insul Deter/Miss, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : 2nd And 3rd Floor Roofs								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
Cast in Place Concrete	5%	Now	$9,900	LIFE		* *	5	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Mosaic Tile	5%	Now	$27,300	2036		* *	5	$6,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : Kitchen And Toilet Rooms									
Terrazzo	5%	Now	$10,900	LIFE		* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 2%									
Location : Lobby									
Vinyl Tile	10%			2039		* *	3	$5,300	
Recent Installation, Extent : N/A, Area Affected : 100%									
Location : Approximately 5 Classrooms									
Vinyl Tile 9" X 9"	70%	0-2	$288,000	2026	$14,402,200		3	$27,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%									
Location : Throughout									
Wood	5%			2046		* *	5	$10,000	
Interior Walls									
Cast in Place Concrete	5%	Now	$10,300	LIFE		* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%									
Location : Basement Boiler Room									
Ceramic Tile	5%			2034		* *	5	$6,200	
Concrete Masonry Unit	5%			LIFE		* *	5	$2,500	
Glazed Ceramic Panel	3%			LIFE		* *			
Masonry: Brick	5%			LIFE		* *			
Plaster	55%	Now	$90,400	LIFE		* *	5	$20,400	
Cracking/Crumbling, Extent : Light, Area Affected : 25%									
Location : Throughout									
SGFT/Glazed Masonry	22%	Now	$133,600	LIFE		* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Corridors									
Ceilings									
AcousTile,Adhered	20%	Now	$15,000	2036		* *	5	$10,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Exposed Struc: Concrete	55%	Now	$192,200	LIFE		* *	5	$9,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Paint Peeling, Extent : Moderate, Area Affected : 20%									
Location : Stairwells									
Plaster	25%	Now	$17,700	LIFE		* *	5	$16,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Site Enclosure									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	50%	0-2	$8,700	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Playground								
Masonry: Brick	50%			2041	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$93,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Pavers/Stone	10%	0-2	$2,100	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Playground Along President Street								
Activity Yard								
Rubber Matting	10%			2031	$82,100			
Not Accessible	90%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Rear Schoolyard								
Explanation : Not Accessible Due To Construction Of New Addition								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch. Additional Main Disconnect Under Construction For School Addition								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	60%			2031	$95,000	1		
Conduit	40%			2051	* *	1		
Panelboards								
Fused Knife Sw	40%			2030	$78,700	5	$700	
Molded Case Bkrs	60%			2039	* *	5	$1,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	20%			2031	$43,700	1		
Thermoplastic	80%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$130,800	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$63,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2036	* *	10	$6,900	
Exit, Battery	50%			2036	* *	10	$2,400	
Exterior Lighting								
LED	30%			2036	* *			
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$22,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : Three Steam Boilers Are Planned For Replacement This Year - 2020. Temporary Boiler In Place.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	90%			2041	* *	4	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : Steam Float And Thermostatic Traps; Thermostatic Traps Replaced In 2017.								
Under Construction	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : 1 Of 2 Steam Condensate Return Pumping Systems In Boiler Room Planned For Replacement This Year - 2020.								
Terminal Devices								
Air Handler	18%			2031	$263,800	1	$7,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, First And Second Floors								
Air Handler	2%			2041	* *	1	$900	
Convector/Radiator	80%			2036	* *	1	$18,400	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2026	$295,100	1		
Ventilation								
Distribution								
Ductwork/Diffusers	15%	Now	$10,300	LIFE	* *	2-5	$5,900	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Various Locations Throughout								
Ductwork/Diffusers	85%			LIFE	* *	2-5	$33,700	
Exhaust Fans								
Interior	90%			2031	$310,900	2	$2,000	
Roof	10%			2031	$15,100	2	$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Electric	75%			2031	$19,400	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Temporary Electric Water Heater Installed For Future Replacement Of Gas-fired Water Heater.								
Gas Fired	25%			2024	$4,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Gas-fired Water Heater Planned For Replacement This Year - 2020.								

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DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2031	$376,600	4	$7,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Complete Removal Planned								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,400	4	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Sump Pump To Be Replaced During New Construction This Year - 2020.								
Backflow Preventer								
Generic	100%			2041	* *	1	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Water Meter Room, Mechanical Equipment Room 127								
Explanation : Recent Installation Of Backflow Preventors On Two Domestic Water Mains And One Sprinkler Water Main.								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Freight Elevator Travels From Basement To Street Level								
Explanation : Unit Is Inoperable								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$4,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 32 - Q**		
Address	: **171-11 35 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q032**
Program / Asset #	: **BOE0693.000 / 2804**	**Yr Built/Renovated**	: **1925 / 2009**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5256** **Lot** : **1**	**BIN**	: **4118954**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$101,100	$1,011,300
Interior Architecture	$2,819,100	$294,200
Electrical	$139,700	$643,600
Mechanical	$745,200	$691,000
Total	**$3,805,200**	**$2,640,100**
Importance Code A	$101,100	$1,011,300
Importance Code B	$3,704,000	$1,628,800
Total	**$3,805,200**	**$2,640,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$88,700			
Interior Architecture	$58,100	$2,000	$2,000	$4,000
Electrical	$27,500	$5,300	$59,700	$5,900
Mechanical	$18,500	$15,800	$55,700	$12,300
Site Enclosure	$16,800			
Site Pavements	$37,600			
Total	**$247,300**	**$23,100**	**$117,400**	**$22,200**
Importance Code A	$95,800	$7,000	$7,200	$7,000
Importance Code B	$126,500	$15,400	$110,200	$14,500
Importance Code C	$25,100	$700		$700
Total	**$247,300**	**$23,100**	**$117,400**	**$22,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$5,200	LIFE	* *	5	$10,300	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Main Entry Lintel And Crown Area								
Masonry: Brick	85%	Now	$36,900	LIFE	* *	5	$22,400	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Teacher Room, 3rd Floor Computer Room								
Masonry: Granite	10%			LIFE	* *	5	$2,000	
Windows								
Aluminum	100%			2039	* *	5	$32,300	
Parapets								
Masonry: Brick	50%			LIFE	* *	5		
Metal Security Bars	3%			2046	* *			
Pre-Cast Concrete	7%			LIFE	* *	5		
No Component	40%							
Roof								
Built-Up (BUR)	95%	2-4	$101,100	2031	$1,011,300			
Vegetation Growth, Extent : Moderate, Area Affected : 35%								
Location : Lower Roofs Abutting 1925 Wing								
Copper/Terne	4%	0-2	$4,800	2046	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Flat Section Of North Bulkhead On Main Roof								
Skylight, Metal/Glass	1%	Now	$25,600	2041	* *			1
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Grilles And Flashing								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Flashing At Skylight								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$11,600	
Ceramic Tile	5%			2040	* *	5	$2,700	
Marble Panels	5%			LIFE	* *	5	$2,000	
Vinyl Tile	20%	Now	$5,900	2031	$294,200	3	$4,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Old Cafeteria In Red And White Checker Room								
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Old Cafeteria In Red And White Checker Room								
Vinyl Tile	30%			2036	* *	3	$8,000	
Vinyl Tile 9" X 9"	30%			2026	$2,819,100	3	$6,000	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$1,300	
Concrete Masonry Unit	20%			LIFE	* *	5	$2,100	
Folding Partition	2%			2047	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Full Height Folding Partition								
Masonry: Brick	8%	Now	$8,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Wall Abutting Playgorund								
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stairwell Partitions								
Marble Panels	2%	Now	$1,800	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Lobby At 172nd Street								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Lobbies At Ground Floor								
Plaster	40%	Now	$5,100	LIFE	* *	5	$3,100	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Main Entry Wall Above Door And Stair Bulkhead To Roof								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	4+	$6,200	2036	* *	5	$12,100	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Ground Floor Corridor								
Exposed Struc: Concrete	10%	Now	$29,000	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Below Interior Courtyard Platform, Underside Of Entry Stairs								
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$36,300	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2051	* *			
Iron Picket	90%	0-2	$10,100	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : 171st Street, 172nd Street And 35th Avenue								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$6,700	2051	* *			
Spalling, Extent : Moderate, Area Affected : 5%								
Location : 172nd Street Stair Cheek Wall And Interior Courtyard Cheek Wall								
Site Pavements								

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Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$37,600	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 171st Street, 172nd Street And 35th Avenue								
On-Site Walkways								
Cast in Place Concrete	80%			2044	* *			
Masonry: Granite	15%			LIFE	* *			
Masonry: Marble	5%			LIFE	* *	5	$1,800	
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	80%			2030	$143,700	5	$1,500	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$39,900	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2029	$71,700	5	$300	
Locally Mounted	30%	2-4	$21,500	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	10%			2044	* *	5		
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2039	* *	10	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2026	$19,700	2		
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$8,600	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$26,700	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$45,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$22,000	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$70,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$267,200	1	$8,800	
Convector/Radiator	60%			2029	$348,400	1	$13,800	
Fan Coil Unit/Heat	20%			2026	$352,100	1	$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	20%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Lunch Area And Gymnasium								
Window/Wall Unit	60%	Now	$8,100	2029	$161,400	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various								
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2039	* *	1	$4,600	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2039	* *	2	$9,900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Interior	40%			2026	$126,000	2	$900	
Roof	10%			2026	$13,800	2	$200	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Most Of The Roof Exhaust Fans Are Removed								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$181,300	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$10,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$14,200	4	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$29,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 32 - SI**
Address : **232 BARLOW AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0922.000 / 1427**
Area Sq Ft : **92,000**
Date of Survey : **12-Jan-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **5444** **Lot** : **12**

Agency's Number : **R032**
Yr Built/Renovated : **1968 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5070651**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$577,100	$7,000,100
Electrical	$233,400	$1,329,400
Mechanical		$976,600
Total	**$810,500**	**$9,306,000**
Importance Code B	$364,700	$9,306,000
Importance Code C	$445,800	
Total	**$810,500**	**$9,306,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$95,600			
Interior Architecture	$80,300		$10,000	$19,100
Electrical	$11,700	$8,600	$9,100	$11,200
Mechanical	$54,200	$17,400	$15,700	$12,800
Site Enclosure	$6,600			
Site Pavements	$38,100			
Total	**$286,500**	**$26,000**	**$34,900**	**$43,100**
Importance Code A	$104,700	$9,100	$9,100	$9,100
Importance Code B	$126,600	$16,800	$20,500	$29,800
Importance Code C	$55,100		$5,300	$4,200
Total	**$286,500**	**$26,000**	**$34,900**	**$43,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$27,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Various Areas Around Perimeter Of Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Perimeter Of Building								
Explanation : Sidewalk Shed In Use								
Masonry: Brick	85%			LIFE	* *	5	$92,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Various Areas Around Entire Perimeter Of Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Perimeter Of Building								
Explanation : Sidewalk Shed In Use								
Pre-Cast Concrete	10%			LIFE	* *	5	$35,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Various Areas Around Entire Perimeter Of Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Perimeter Of Building								
Explanation : Sidewalk Shed In Use								
Windows								
Aluminum	100%			2049	* *	5	$36,400	
Parapets								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Various Areas Around Entire Perimeter Of Building								
Explanation : Repairs In Progress								
Roof								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Entire Roof								
Explanation : Repairs In Progress								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$27,600	
Ceramic Tile	3%			2042	* *	5	$3,800	
Quarry Tile	5%			2046	* *	5	$9,500	
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile	60%			2033	$2,094,200	3	$37,900	
Vinyl Tile 9" X 9"	22%			2033	$4,905,800	3	$13,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$26,300	
Ceramic Tile	4%			2042	* *	5	$8,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,400	
Folding Partition	2%			2041	* *	5	$10,500	
Masonry: Brick	2%			LIFE	* *	10	$1,300	
Plaster	45%	0-2	$115,100	LIFE	* *	5	$28,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	35%	Now	$330,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$33,600	
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$31,600	
Exposed Struc: Concrete	55%			LIFE	* *	5-10	$86,900	
Gypsum Board	20%			LIFE	* *	5-10	$86,900	
Site Enclosure								
Fence/Gates								
Chain Link	60%	4+	$6,600	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Main Play Yard At Elevation Avenue Side								
Iron Picket	40%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	35%			2036	* *			
Cast in Place Concrete	65%			2038	* *			
Activity Yard								
Asphalt	85%	0-2	$38,100	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout Main Play Yard								
Cast in Place Concrete	3%			2038	* *			
Rubber Matting	12%			2033	$15,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	20%			2032	$47,900	5	$400	
Molded Case Bkrs	60%			2032	$143,700	5	$1,500	
Molded Case Bkrs	20%			2041	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$233,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	$58,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$81,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Fluorescent	2%			2038	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2028	$28,300	1		
Exit, Service	50%			2028	$19,800	1		
Exterior Lighting								
HID	20%			2028	$85,900	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2028	$86,400	1	$17,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior								
Explanation : Intrusion System								
Generic	50%			2033	$86,400	1	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior								
Explanation : Security Cameras System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$237,300	1-3	$58,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$28,500	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$91,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$29,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	75%	Now	$26,100	2028	$261,400	1		
Broken, Extent : Severe, Area Affected : 5%								
Location : Classrooms								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$40,600	
No Component	50%							
Exhaust Fans								
Interior	40%			2033	$163,200	2	$1,100	
Roof	60%			2033	$107,100	2	$1,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	30%			2031	$7,100	4		
	Other Observation, Extent : N/A, Area Affected : 30%							
	Location : Kitchen							
	Explanation : Electrical Water Heater							
Gas Fired	70%			2031	$12,000	2		
HW Heat Exchanger								
Steam Fired	100%			2033	$444,900	4	$13,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$18,400	4	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 33 - M**		
Address	: **281 9TH AVENUE @W. 26 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M033**
Program / Asset #	: **BOE0018.000 / 1688**	**Yr Built/Renovated**	: **1951 / 2008**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **724** **Lot** : **23**	**BIN**	: **1012829**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,942,300	$1,714,400
Interior Architecture	$1,367,800	
Electrical	$253,800	$214,500
Mechanical	$251,500	$1,149,100
Site Pavements	$167,600	
Total	**$3,983,000**	**$3,077,900**
Importance Code A	$1,942,300	$1,714,400
Importance Code B	$1,961,300	$1,363,600
Importance Code C	$79,400	
Total	**$3,983,000**	**$3,077,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$41,400	$3,900		$16,900
Interior Architecture	$88,000	$6,000		$20,200
Electrical	$2,000	$2,800	$2,100	$52,500
Mechanical	$75,100	$30,200	$19,200	$12,200
Site Pavements	$49,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$260,400**	**$46,800**	**$25,200**	**$105,800**
Importance Code A	$49,600	$12,100	$8,200	$25,300
Importance Code B	$145,100	$34,700	$17,000	$80,500
Importance Code C	$65,600			
Total	**$260,400**	**$46,800**	**$25,200**	**$105,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%	4+	$5,000	LIFE	* *	5	$1,500	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Facades								
Explanation : Covered Over With Plywood								
Glazed Ceramic Panel	8%			LIFE	* *	5	$46,300	
Masonry: Brick	90%	0-2	$915,500	LIFE	* *	5	$111,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : South And West Entrance								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout All Facades								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Electircal Main Feed And Right Of Main Entrance								
Windows								
Aluminum	100%	Now	$533,900	2040	* *	5	$18,700	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Windows Throughout								
Parapets								
Masonry: Brick	85%	4+	$92,100	LIFE	* *	5	$14,600	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Interior, Exterior Parapet Walls								
Metal: Cage/Fence	5%			2045	* *	5-10	$6,600	
Pre-Cast Concrete	10%	4+	$2,800	LIFE	* *	5	$10,800	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Coping Stones								
Roof								
IRMA/Protected Membrane	80%	4+	$32,100	2032	$1,603,200			
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Lower Roof Near North Wall								
Vegetation Growth, Extent : Severe, Area Affected : 15%								
Location : At Roof Drains								
IRMA/Protected Membrane	20%			2027	$400,800	10	$16,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lower Roof In South Facade								
Explanation : Rooftop Play Area Covered In Rubber Matting								
Soffits								
Pre-Cast Concrete	100%	Now	$1,500	LIFE	* *	5	$2,100	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Electrical Room At Entrance Canopy								
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,600	
Ceramic Tile	5%	0-2	$45,500	2041	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms Throughout								
Quarry Tile	2%	Now	$94,900	2052	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Terrazzo	10%			LIFE	* *	5	$12,600	
Vinyl Tile	30%			2037	* *	3	$18,100	
Vinyl Tile 9" X 9"	40%	Now	$569,200	2042	* *	3	$24,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Classrooms, Stair Wells, Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Classrooms, Stair Wells, Corridors								
Wood	8%			2047	* *	5	$24,200	
Interior Walls								
Ceramic Tile	5%	Now	$7,500	2041	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,400	
Plaster	5%	Now	$8,200	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair A								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair A								
Plaster	55%			LIFE	* *	5	$22,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$26,800	2045	* *	5	$8,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : First Floor Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : First Floor								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : First Floor Corridor								
Exposed Struc: Concrete	40%			LIFE	* *	5	$10,100	
Fiber Board	5%	Now	$62,900	2042	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Ceiling								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium Ceiling								
Metal Panel	20%	Now	$640,800	LIFE	* *	5	$40,300	
Bent/Warped Elements, Extent : Severe, Area Affected : 40%								
Location : 1st Floor Corridors, Cafeteria								
Vandalism, Extent : Severe, Area Affected : 20%								
Location : Corridors								
Plaster	25%			LIFE	* *	5	$25,200	
Site Enclosure								
Fence/Gates								
Chain Link	35%			2052	* *			
Iron Picket	65%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	95%	Now	$13,800	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Rear Of Building Next To Parking Area								
Masonry: Granite	5%	4+	$1,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entrance Steps Throughout								
Parking/Driveway								
Cast in Place Concrete	53%	Now	$79,400	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Parking Area. West Side Of Building								
Pavers/Stone	47%	Now	$35,100	2035	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 25%								
Location : Parking Area. West Side Of Building								

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	80%	Now	$88,200	2047	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 35%								
Location : Play Yard Throughout								
Tripping Hazard, Extent : Severe, Area Affected : 15%								
Location : Fissure Running Through Play Area								
Pavers/Stone	5%			2041	* *			
Rubber Matting	15%			2032	$39,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$2,000	
Wiring								
Braided Cloth	50%	2-4	$145,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2052	* *	1		
Thermoplastic	10%			2032	$29,200	1		
Motor Controllers								
Locally Mounted	80%			2045	* *	5	$400	
Locally Mounted	20%			2030	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$73,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2037	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	25%			2027	$34,800	10	$5,000	
Emergency, Battery	25%			2037	* *	10	$5,000	
Exit, Service	25%			2027	$8,900	1		
Exit, Service	25%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$31,200	1	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm System And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Addressable Fire Alarm Panel, Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 6,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$82,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$13,300	2042	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement Leaking Vacuum Pump At Seal And Bearing								

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%	Now	$39,000	2032	$781,000	1	$23,100	
Leak Evident, Extent : Severe, Area Affected : 3%								
Location : Coil Of The Unit For Auditorium								
Convector/Radiator	50%			2037	* *	1	$13,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$12,600	2027	$251,500	1		
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Various Locations. 40 Percent Of Window, Wall Units Are Either Beyond Their Useful Life Or Not Working.								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	
Exhaust Fans								
Interior	100%			2032	$368,100	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 33 - Q**		
Address	: **91-37 222 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q033**
Program / Asset #	: **BOE0694.000 / 2263**	**Yr Built/Renovated**	: **1925 / 1999**
Area Sq Ft	: **114,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **10756** **Lot** : **1**	**BIN**	: **4230589**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,210,500	$1,044,500
Interior Architecture	$1,293,200	$1,444,400
Electrical	$409,900	$753,000
Mechanical	$887,100	$2,007,900
Total	**$3,800,700**	**$5,249,900**
Importance Code A	$1,210,500	$1,133,100
Importance Code B	$2,161,600	$4,116,700
Importance Code C	$428,600	
Total	**$3,800,700**	**$5,249,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$114,200		$2,100	
Interior Architecture	$58,600	$13,100		$14,700
Electrical	$4,600	$4,200	$48,900	$3,800
Mechanical	$121,300	$16,500	$37,000	$17,700
Site Enclosure	$6,500			
Site Pavements	$42,400			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$352,500**	**$38,700**	**$92,900**	**$41,100**
Importance Code A	$131,600	$9,900	$12,200	$9,900
Importance Code B	$206,000	$18,300	$80,700	$31,300
Importance Code C	$14,900	$10,500		
Total	**$352,500**	**$38,700**	**$92,900**	**$41,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	2-4	$22,000	LIFE	* *	5	$21,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	60%	Now	$136,500	LIFE	* *	5	$33,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Ground Floor And Fifth Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Foundation								
Masonry: Brick Cavity	20%	0-2	$48,100	LIFE	* *	5	$11,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Rear Facade Facing Playground								
Masonry: Granite	5%			LIFE	* *	5	$2,100	
Masonry: Limestone	3%	2-4	$13,100	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			2051	* *	5-10	$7,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Window Sills In 1999 Building								
Windows								
Aluminum	73%	Now	$1,005,100	2056	* *	5	$10,500	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout Classrooms And Offices								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout Classrooms And Offices								
Glazing Clouded, Extent : Severe, Area Affected : 75%								
Location : Bulkhead Windows								
Aluminum	25%	Now	$68,800	2047	* *	5	$3,600	1
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Classrooms And Cafeteria In 1999 Building								
Metal Louvers	2%			2034	* *	10	$3,600	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$5,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Parapets At 1925 Building								
Masonry: Brick Cavity	20%			LIFE	* *	5	$2,900	
Metal Rail	10%			2044	* *	5-10	$26,000	
Pre-Cast Concrete	20%			LIFE	* *	5	$18,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Pre-Cast Concrete	10%			LIFE	* *	5	$9,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	65%			2031	$962,000	10	$82,400	
Fluid Applied Roofing	30%			2066	* *			
Recent Installation, Extent : N/A, Area Affected : 100% Location : 1999 Building Roof								
Metal Panel	5%			2044	* *	10	$11,600	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$28,600	LIFE	* *	5	$36,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Mechanical Room								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement Mechanical Room								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	3%			2040	* *	5	$5,000	
Ceramic Tile	2%	2-4	$3,800	2034	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout Bathrooms In 1925 Building								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Bathrooms In 1925 Buiding								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Student And Staff Bathrooms								
Quarry Tile	2%			2048	* *	5	$5,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Terrazzo	3%	2-4	$9,400	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby And Steps								
Vinyl Tile	30%	0-2	$69,600	2031	$1,392,000	3	$18,900	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Throughout 1925 Building								
Vinyl Tile	20%	2-4	$18,600	2036	* *	3	$12,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cracking Throughout 1999 Building								
Vinyl Tile 9" X 9"	20%	Now	$296,400	2041	* *	3	$12,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout 1925 Building Classrooms, 414, 409 And 408 Are Severe								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Classroom 414 Behind Bookshelf								
Wood	10%	0-2	$100,200	2059	* *	5	$15,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Third Floor Gymnasium								
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Fifth Floor Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$228,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	7%			2040	* *	5	$21,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1999 Building								
Explanation : Bathrooms, Cafeteria And Kitchen								
Concrete Masonry Unit	18%			LIFE	* *	5	$21,700	
Gypsum Board	10%	2-4	$8,400	LIFE	* *	5	$18,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Stairwells Of 1999 Building								
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building Stairwells								
Explanation : Metal And Glass Panels								
Marble Panels	2%	Now	$53,100	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Auditorium Walls At Base								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Auditorium And Corridor Walls								
Plaster	40%	Now	$146,500	LIFE	* *	5	$36,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairwells In 1925 Building								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : 1925 Building Stairwells, Bathrooms And Bulkheads								
SGFT/Glazed Masonry	5%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2048	* *	5	$50,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1999 Building								
Exposed Struc: Concrete	2%			LIFE	* *	5	$500	
Exposed Struc: Concrete	10%	Now	$50,300	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 1925 Building Basement Boiler Room And Perimeter Of Basement Along Courtyard And East Facade								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : 1925 Building Basement Mechanical Rooms And First Floor								
Exposed Struc: Steel	5%	0-2	$201,800	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Steel Members Below Steps In Boiler Room								
Metal Panel	3%	Now	$8,300	LIFE	* *	5	$6,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	50%	Now	$127,700	LIFE	* *	5	$52,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Classroom 408								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : First Floor Corridors, Bulkheads And Fifth Floor Classrooms								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 1925 Building At Roof Drain Locations								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2051	* *			
Iron Picket	40%	0-2	$6,500	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 1%								
Location : 92nd Avenue								
Retaining Walls								
Cast in Place Concrete	98%			2066	* *			
Masonry: Fieldstone	2%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
Explanation : Cheek Walls Are Marble								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$29,000	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 92nd Avenue								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : 92nd Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2048	* *			
Activity Yard								
Asphalt	40%	0-2	$10,800	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Playground								
Cast in Place Concrete	50%			2048	* *			
Pavers/Stone	2%			2040	* *			
Rubber Matting	8%	0-2	$2,600	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Playground At Jungle Gymnasium								
Explanation : Rubber Tiles Separating								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	70%			2031	$182,100	5	$300	
Fused Disc Sw	30%			2041	* *	5	$100	
Raceway								
Conduit	80%			2031	$195,000	1		
Conduit	20%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$300	
Molded Case Bkrs	30%			2039	* *	5	$900	
Molded Case Bkrs	60%			2030	$143,700	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$239,300	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2029	$163,300	5	$700	
Locally Mounted	10%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$800	
Generic	50%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	66%			2039	* *	10	$69,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wings								
Explanation : T-8 Lamps								
Fluorescent	30%			2036	* *	10	$31,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : New Wings								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$13,800	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$106,400	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$64,200	1	$12,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway								
Explanation : Intrusion Alarm With Motion Sensor Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$21,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	75%			2041	* *	5	$26,500	
Natural Gas	25%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	25%	0-2	$8,900	2031	$88,700	1	$12,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 11 Rooftop Package Units. 5 Of Them Are Mechanical Defective Units.								
Steam Boiler	75%			2036	* *	1	$84,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	75%	0-2	$34,200	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Connecting Pipes Of Air Handlers In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
No Component	25%							
Terminal Devices								
Air Handler	15%			2026	$321,800	1	$10,600	
Convector/Radiator	40%	0-2	$7,500	2029	$372,900	1	$13,300	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Explanation : Missing Covers								
Fan Coil Unit/Heat	20%	0-2	$11,300	2026	$565,300	1	$6,600	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2031	$478,800	2	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 11 Units								
Window/Wall Unit	5%			2024	$21,600	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$10,000	LIFE	* *	2-5	$6,400	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Flexible Connection, Basement								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$57,200	
Exhaust Fans								
Interior	75%			2031	$379,200	2	$2,600	
Roof	25%			2031	$55,300	2	$900	

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2041	* *	1		
Galvanized Steel	40%	0-2	$11,600	2029	$582,100	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Sanitary Piping								
Cast Iron	15%	0-2	$4,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Leaking To 3rd Floor Gymnasium Office								
Cast Iron	85%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$22,800	4	$2,400	
Sewage Ejector(s)								
Electric	25%			2036	* *	4	$1,700	
No Component	75%							
Backflow Preventer								
Generic	100%			2031	$50,900	1	$7,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2051	* *	1-2	$8,000	
Fire Pump								
No Component	75%							
Generic	25%			2034	* *	1	$5,300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 34 - BK**				
Address	: **131 NORMAN AVENUE @ MC GUINNESS BLVD.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K034**
Program / Asset #	: **BOE0367.000 / 346**			**Yr Built/Renovated**	: **1867 / 2000**
Area Sq Ft	: **32,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Apr-2021**			**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Floors 1,2**				
Block	: **2622**	**Lot**	: **28**	**BIN**	: **3065733**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$77,600	$1,006,500
Interior Architecture		$1,493,500
Electrical		$337,100
Mechanical	$79,700	$286,600
Site Pavements		$102,000
Total	**$157,300**	**$3,225,600**
Importance Code A	$77,600	$1,006,500
Importance Code B	$79,700	$2,219,200
Total	**$157,300**	**$3,225,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$41,100	$51,500	$3,900	$43,400
Interior Architecture	$69,600	$3,500	$6,200	$3,100
Electrical	$35,400	$2,900	$2,500	$67,800
Mechanical	$7,400	$4,200	$6,200	$4,200
Site Enclosure	$15,000			
Site Pavements	$56,100			
Total	**$224,600**	**$62,100**	**$18,800**	**$118,500**
Importance Code A	$47,200	$54,700	$7,100	$46,700
Importance Code B	$115,600	$5,600	$11,700	$71,800
Importance Code C	$61,800	$1,900		
Total	**$224,600**	**$62,100**	**$18,800**	**$118,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$68,100	
Masonry: Brownstone	5%			LIFE	* *	5	$3,000	
Weathering Steel	10%	Now	$77,600	LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 85%								
Location : East And West Courtyards								
Explanation : Egress Stairs								
Windows								
Aluminum	35%	Now	$41,100	2031	$410,600	5	$3,900	
Air Infiltration, Extent : Moderate, Area Affected : 75%								
Location : Windows Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Room 213 And 214								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Room 202								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Windows Units Are Beyond Useful Life								
Aluminum	35%			2031	$472,200	5	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Wood	30%			2040	* *	5	$67,400	
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible								
Metal Rail	10%			2045	* *	5-10	$19,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible								
Wood Cornice	70%			2052	* *	5-10	$99,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible								

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	65%			2045	* *	10	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Actually Synthetic Slate Shingle, Roof Inaccessible								
Metal Panel	5%			2045	* *	10	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible								
Not Accessible	30%							
Interior								
Floors								
Cast in Place Concrete	10%	Now	$12,300	LIFE	* *	5	$14,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Mechanical Areas								
Ceramic Tile	5%			2035	* *	5	$3,300	
Terrazzo	5%	Now	$6,700	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Vinyl Tile	75%			2032	$1,493,500	3	$18,500	
Wood	5%			2047	* *	5	$6,200	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$3,700	
Glass: Single Pane	5%			LIFE	* *	5	$2,800	
Masonry: Brick	15%	Now	$46,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Storage Room Adjacent To Norman Avenue								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Basement Mechanical Areas								
Metal: Cage/Fence	3%			LIFE	* *			
Plaster	67%			LIFE	* *	5	$15,000	
Wood	5%			LIFE	* *	5	$15,000	
Ceilings								
Embossed Metal	5%	Now	$3,800	LIFE	* *	5	$1,500	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Room 212								
Embossed Metal	80%			LIFE	* *	5	$23,700	
Plaster	15%			LIFE	* *	5	$6,200	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$15,000	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Concrete Curbing That Anchors Fence Posts At Perimeter And Court Yard Ramp								
Explanation : Cracking / Crumbling / Subsiding								

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$25,500	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Norman Avenue Curbs, Eckford / Norman / Mcguinness Sidewalk Flags, Various Locations								
On-Site Walkways								
Masonry: Granite	100%			LIFE	* *			
Activity Yard								
Rubber Matting	19%			2037	* *			
Traffic Topping	81%	Now	$30,600	2032	$102,000			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : East And West Courtyard Play Areas								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : East Play Area Adjacent To Temporary Boiler								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : East And West Courtyard Play Areas								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$24,800	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$142,400	5	$100	
Raceway								
Conduit	50%			2042	* *	1		
Conduit	50%			2032	$33,500	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$100	
Molded Case Bkrs	90%			2031	$98,400	5	$800	
Wiring								
Braided Cloth	20%	2-4	$16,900	2057	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	80%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$62,800	5	$200	
Locally Mounted	20%			2037	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$29,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2032	$29,400	10	$3,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2027	$16,400	10		
HID	10%	Now	$16,400	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Backyard								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$19,700	1	$3,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$19,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bells, Manual Pull Stations, Smoke Detectors, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%	Now	$200	2062	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Gas Leaking. Boiler One								
Conversion Equipment								
Steam Boiler	100%	Now	$6,100	2052	* *	1	$28,500	
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Basement, High Limit Switch								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement, Two New Boilers								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Convector/Radiator	100%			2030	$286,600	1	$10,300	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2027	$79,700	1		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$18,700	2		
HW Heat Exchanger								
High Temp	100%			2058	* *	4	$3,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2042	* *	4	$700	
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$24,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 34 - M**
Address : **730 EAST 12 STREET BTWN: SZOLD PLACE AND AVE. D**
Borough : **MANHATTAN**
Agency's Number : **M034**
Program / Asset # : **BOE0019.000 / 2633**
Yr Built/Renovated : **1955 / 2009**
Area Sq Ft : **55,000**
Project Type : **EDUCATION**
Date of Survey : **27-May-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,Ph**
Block : **381** **Lot** : **38** **BIN** : **1004564**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$350,200	$63,100
Interior Architecture	$217,100	
Electrical	$438,400	$1,099,400
Mechanical		$2,915,700
Total	**$1,005,700**	**$4,078,200**
Importance Code A	$350,200	$63,100
Importance Code B	$559,700	$4,015,100
Importance Code C	$95,800	
Total	**$1,005,700**	**$4,078,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$101,700		$19,900	
Interior Architecture	$129,900		$13,600	$3,000
Electrical	$26,400	$5,100	$5,400	$6,400
Mechanical	$78,700	$4,900	$39,100	$2,200
Site Enclosure	$32,700			
Site Pavements	$43,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$416,900**	**$14,000**	**$81,900**	**$15,600**
Importance Code A	$101,700		$19,900	
Importance Code B	$242,500	$14,000	$62,000	$15,600
Importance Code C	$72,700			
Total	**$416,900**	**$14,000**	**$81,900**	**$15,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$35,100	
Masonry: Brick	90%	Now	$259,800	LIFE	* *	5	$63,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair Bulkhead								
Masonry: Fieldstone	5%	Now	$17,900	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	98%	Now	$90,500	2049	* *	5	$4,700	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Louvers	2%			2042	* *	10	$1,200	
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5-10	$5,600	
Masonry: Brick	70%	Now	$5,800	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	75%	Now	$15,500	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 309, 320, Stair B And Teachers Lounge								
Copper/Terne	20%	Now	$3,700	2061	* *			
Drains Clogged, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%			2046	* *	10	$3,200	
Soffits								
Cast in Place Concrete	10%			LIFE	* *	5	$16,600	
Stucco Cement	10%	0-2	$28,700	2046	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Soffit Along Szold Place								
Stucco Cement	80%			2046	* *	5	$33,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$14,200	2032	$71,200	3	$6,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Library								
Worn/Eroded, Extent : Light, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	10%	Now	$68,500	LIFE	* *	5	$17,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Ceramic Tile	5%	0-2	$11,300	2042	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	10%	0-2	$44,500	2038	* *	3	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	60%			2038	* *	3	$18,100	
Wood	10%			2061	* *	5	$15,100	
Interior Walls								
Cast in Place Concrete	5%	Now	$13,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	5%	0-2	$9,800	2042	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,700	
Gypsum Board	5%			LIFE	* *	5-10	$6,000	
Plaster	45%			LIFE	* *	5-10	$27,200	
SGFT/Glazed Masonry	30%	Now	$95,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$16,100	
AcousTileConcealSpLn	10%			2038	* *	5	$10,100	
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$60,400	
Plaster	10%	Now	$12,200	LIFE	* *	5	$5,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 309, 320 And Teachers Lounge								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$15,600	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Play Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	Now	$4,300	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Entry								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Front Entry								
Retaining Walls								
Masonry: Fieldstone	100%	0-2	$12,800	2053	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Playground								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	90%	Now	$5,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pavers/Stone	10%			2036	* *			
Activity Yard								
Rubber Matting	20%	Now	$27,100	2038	* *			
Ponding, Extent : Moderate, Area Affected : 50%								
Location : Upper Play Yard								
Traffic Topping	80%	Now	$11,200	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lower Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$25,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$1,400	
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$7,000	5	$100	
Fused Knife Sw	10%	2-4	$14,000	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	50%	2-4	$69,900	2058	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	30%			2032	$41,900	5	$400	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$149,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2043	* *	1		
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$800	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$787,100	10	$48,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$16,900	1		
Exit, Battery	50%			2033	$39,000	10	$1,900	
Exterior Lighting								
HID	30%	Now	$77,000	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$103,200	1	$20,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$141,900	2043	* *	1-3	$30,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$17,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Boiler Room Is Under Renovation Process, 1 Temporary Boiler Is Used.								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : The Boiler Room Is Under Renovation								
Distribution								
Steam Piping/Pump	10%	Now	$17,600	2033	$44,000			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pumps And Pipings. Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Areas								
Steam Piping/Pump	90%			2033	$396,400			
Terminal Devices								
Air Handler	20%			2033	$207,000	1	$6,800	
Convector/Radiator	80%			2031	$359,800	1	$14,200	
Controls								
Pneumatic	100%			2031	$1,063,000			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$12,500	2028	$125,000	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
No Component	40%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	5%	Now	$2,400	LIFE	* *	2-5	$1,500	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : The Damper For Auditorium								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$46,100	
Exhaust Fans								
Interior	100%			2028	$243,900	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	10%	0-2	$1,400	2031	$70,200	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Cross Bay								
Galvanized Steel	20%			2031	$140,400	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$266,000	4	$8,200	
Sanitary Piping								
Cast Iron	5%	0-2	$10,400	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	Now	$3,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Roof								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$11,000	2043	* *	4	$1,200	
Corroded, Extent : Severe, Area Affected : 80%								
Location : The Housing								
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2026	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2028	$15,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Using The Heat Exchanger As Storage Tank								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$38,000	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 34 - Q**		
Address	: **104-12 SPRINGFIELD BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q034**
Program / Asset #	: **BOE0695.000 / 2264**	**Yr Built/Renovated**	: **1898 / 1999**
Area Sq Ft	: **47,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,Att**		
Block	: **11151** **Lot** : **81**	**BIN**	: **4240503**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$51,600	$172,900
Interior Architecture	$68,900	$1,771,600
Electrical		$439,100
Mechanical	$142,400	$587,100
Site Pavements		$159,500
Total	**$263,000**	**$3,130,300**
Importance Code A	$51,600	$172,900
Importance Code B	$211,300	$2,764,100
Importance Code C		$193,200
Total	**$263,000**	**$3,130,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$15,700		$8,300	$8,600
Interior Architecture	$167,100			$6,200
Electrical	$1,400	$1,300	$1,600	$186,200
Mechanical	$48,200	$8,500	$13,400	$14,300
Site Enclosure	$8,000			
Site Pavements	$48,200			
Total	**$288,600**	**$9,900**	**$23,300**	**$215,400**
Importance Code A	$20,400	$4,700	$12,900	$13,400
Importance Code B	$149,700	$5,200	$10,400	$202,000
Importance Code C	$118,600			
Total	**$288,600**	**$9,900**	**$23,300**	**$215,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$53,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Scaffolding Installed Throughout Exterior								
Masonry: Brick	80%			LIFE	* *	5	$55,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Fieldstone	7%			LIFE	* *	5	$3,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Repairs In Progress								
Masonry: Limestone	3%			LIFE	* *	5	$1,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Aluminum	100%	Now	$15,700	2048	* *	5	$8,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : Kitchen And Cafeteria								
Parapets								
Cast Stone/Terra Cotta	50%			LIFE	* *	5	$19,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Copper/Terne	20%			2052	* *	5	$4,900	
Masonry: Brick	30%			LIFE	* *	5	$1,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Roof								
Copper/Terne	5%			2047	* *	10	$6,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Entry Vestibule Roof								
Roll Roofing	20%			2031	$64,300	5	$16,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Under Construction								
Slate	75%	0-2	$51,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	Now	$8,200	2052	* *	5	$900	
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs And Basement								
Cast in Place Concrete	15%			LIFE	* *	5	$23,400	
Ceramic Tile	5%	0-2	$4,000	2028	$200,800	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Vinyl Tile	70%	0-2	$68,900	2032	$1,377,600	3	$18,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%	Now	$4,200	2047	* *	5	$3,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Emergency Exit								
Interior Walls								
Ceramic Tile	3%	0-2	$3,900	2028	$193,200	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	7%	Now	$31,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Plaster	75%	Now	$42,700	LIFE	* *	5	$26,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Roof Scuttle								
SGFT/Glazed Masonry	15%	0-2	$31,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby Wall Base								
Ceilings								
Embossed Metal	10%	0-2	$4,300	LIFE	* *	5	$3,200	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	5%			LIFE	* *	5	$600	
Metal Panel	1%	Now	$500	LIFE	* *	5	$900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Plaster	84%	Now	$36,400	LIFE	* *	5	$37,400	
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Room 212								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	98%	Now	$8,000	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Garbage Container Gates								
Iron Picket	2%			2067	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fencing								
Explanation : Construction Netting Installed								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$13,800	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Sidewalks Various Locations								
On-Site Walkways								
Asphalt	10%			2041	* *			
Cast in Place Concrete	90%	Now	$1,200	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Activity Yard								
Rubber Matting	15%	0-2	$1,400	2037	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Playground								
Explanation : Vegetation Growth								
Traffic Topping	85%	Now	$31,900	2032	$159,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basketball Court And Recess Yard								

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$162,600	5	$200	
Raceway								
Conduit	90%			2032	$72,900	1		
Conduit	10%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	20%			2040	* *	5	$200	
Molded Case Bkrs	70%			2031	$97,800	5	$900	
Wiring								
Thermoplastic	80%			2032	$84,400	1		
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	70%			2037	* *	5	$200	
Locally Mounted	30%			2030	$21,500	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$41,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	45%			2027	$35,500	10	$5,100	
Emergency, Battery	5%			2037	* *	10	$600	
Exit, Service	20%			2027	$4,100	1		
Exit, Service	30%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$43,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$17,600	1	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Exit Door And Some Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$36,400	1-3	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bell, Manual Pull Box And Fire-alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 6000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$46,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	40%	Now	$26,400	2042	* *	4	$900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Condesate Pump								
Central Plant Steam Piping/Pmp	60%			2042	* *	4	$1,400	
Terminal Devices								
Air Handler	20%			2032	$176,900	1	$5,800	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Cafeteria								
Explanation : Under Construction								
Convector/Radiator	60%	Now	$4,600	2037	* *	1	$8,200	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Explanation : Steam Traps Faulty								
Fan Coil Unit/Heat	20%			2032	$233,100	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2027	$142,400	1		
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Throughout								
Explanation : Under Construction								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$26,200	
Exhaust Fans								
Interior	85%			2032	$177,200	2	$1,200	
No Component	15%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Galvanized Steel	80%			2037	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	50%			2031	$11,800	4		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Kitchen								
Explanation : Commercial Water Heater								
Gas Fired	50%			2030	$8,500	2		
HW Heat Exchanger								
Steam Fired	50%			2058	* *	4	$2,300	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : Winter Use Only								
No Component	50%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Leaders								
Sump Pump(s)								
Non-Submersible	65%			2040	* *	4	$1,000	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Submersible	35%	Now	$500	2027	$500	4	$300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Backflow Preventer								
Generic	100%	Now	$6,300	2042	* *	1	$2,600	
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Basement								
Explanation : Leaks								
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$23,700	
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 34 - Q MINISCHOOL**		
Address	: **104-12 SPRINGFIELD BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q834**
Program / Asset #	: **BOE0695.010 / 2265**	**Yr Built/Renovated**	: **1971 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **11151** **Lot** : **81**	**BIN**	: **4240503**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$60,000	
Interior Architecture		$373,600
Electrical		$180,000
Total	**$60,000**	**$553,600**
Importance Code A	$60,000	
Importance Code B		$553,600
Total	**$60,000**	**$553,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,600	$900		$3,000
Interior Architecture	$24,000	$400	$1,700	
Electrical	$300	$300	$400	$46,400
Mechanical	$600	$700	$5,900	$24,300
Site Pavements	$7,100			
Total	**$53,700**	**$2,300**	**$8,000**	**$73,700**
Importance Code A	$22,200	$1,400	$500	$3,500
Importance Code B	$5,500	$800	$7,400	$70,200
Importance Code C	$26,000			
Total	**$53,700**	**$2,300**	**$8,000**	**$73,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 34 - Q MINISCHOOL
Asset # : 2265

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$9,100	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Base Of Building								
Metal Panel	90%	Now	$21,600	2042	* *	5	$30,600	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	95%			2040	* *	5	$1,800	
Metal Louvers	5%			2041	* *	10	$600	
Roof								
Metal Panel	100%			2037	* *	10	$60,000	
Soffits								
Metal Panel	100%			2052	* *	5-10	$10,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$3,500	
Ceramic Tile	5%			2035	* *	5	$800	
Vinyl Tile	85%			2032	$373,600	3	$5,100	
Interior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	$3,100	
Metal Panel	70%	Now	$18,900	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$5,100	2037	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Vestibules								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$7,100	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs And Steps								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q MINISCHOOL

Asset # : 2265

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room And Mechanical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$108,400	5	$300	
Raceway								
Conduit	100%			2032	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2031	$2,000	5		
Molded Case Bkrs	95%			2031	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2032	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2027	$9,200	10	$1,300	
Exit, Service	50%			2027	$2,400	1		
Exterior Lighting								
HID	20%			2027	$10,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$4,100	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Door								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$8,500	1-3	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Mechanical And Electrical Room								
Explanation : Alarm Bell, Manual Pull Box And Fire-alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q MINISCHOOL

Asset # : 2265

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2032	$34,200	1	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Equipment Room								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Air Cooled interior Pkg Unit	100%			2037	* *	2	$700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$14,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Exhaust Fans								
Interior	90%			2032	$43,900	2	$300	
Not Accessible	10%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2027	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 35 - BX**		
Address	: **261 EAST 163 STREET @GRANT AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X035**
Program / Asset #	: **BOE0181.000 / 511**	**Yr Built/Renovated**	: **1903 / 1952**
Area Sq Ft	: **45,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2446** **Lot** : **43**	**BIN**	: **2101573**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$131,600	$487,600
Interior Architecture	$1,217,200	$1,539,800
Electrical		$225,000
Mechanical	$869,700	$1,331,100
Site Enclosure	$60,800	
Site Pavements	$53,900	
Total	**$2,333,200**	**$3,583,400**
Importance Code A	$131,600	$487,600
Importance Code B	$1,236,500	$2,947,000
Importance Code C	$965,100	$148,900
Total	**$2,333,200**	**$3,583,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$50,000			
Interior Architecture	$90,700			$7,100
Electrical	$4,900	$4,200	$5,800	$4,200
Mechanical	$45,800	$2,600	$5,300	$2,100
Site Enclosure	$1,500			
Site Pavements	$15,300			
Total	**$208,200**	**$6,800**	**$11,100**	**$13,400**
Importance Code A	$50,400	$400	$400	$400
Importance Code B	$116,100	$6,300	$10,600	$13,000
Importance Code C	$41,600			
Total	**$208,200**	**$6,800**	**$11,100**	**$13,400**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$18,900	LIFE	* *	5	$74,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 163rd Street								
Copper/Terne	2%			2053	* *	10	$4,500	
Masonry: Brick	81%			LIFE	* *	5	$154,200	
Masonry: Sandstone	7%			LIFE	* *	5	$10,000	
Windows								
Aluminum	100%	Now	$54,400	2041	* *	5	$11,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	4+	$16,600	LIFE	* *	5	$6,600	
Spalling, Extent : Light, Area Affected : 2%								
Location : North Face								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,300	
Roof								
Built-Up (BUR)	92%	0-2	$6,400	2033	$318,800			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Built-Up (BUR)	5%	Now	$900	2033	$17,300			
Drains Clogged, Extent : Severe, Area Affected : 100%								
Location : Lower Roofs								
Ponding, Extent : Moderate, Area Affected : 100%								
Location : Lower Roofs								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Lower Roofs								
Copper/Terne	3%			2048	* *	10	$2,200	
Interior								
Floors								
Ceramic Tile	5%	2-4	$3,500	2036	* *	5	$1,600	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	10%	Now	$173,900	2043	* *	3	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Vinyl Tile	80%	0-2	$139,100	2033	$1,390,900	3	$18,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
Ceramic Tile	5%	Now	$182,000	2036		* *	5	$16,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%									
Location : Throughout									
Glass: Single Pane	5%	Now	$40,100	LIFE		* *	5	$24,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%									
Location : Stairwell									
Masonry: Brick	12%	0-2	$302,400	LIFE		* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%									
Location : Basement									
Paint Peeling, Extent : Light, Area Affected : 5%									
Location : Boiler Room									
Plaster	75%	0-2	$241,500	LIFE		* *	5	$148,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%									
Location : Throughout									
SGFT/Glazed Masonry	3%	0-2	$178,400	LIFE		* *			
Cracking/Crumbling, Extent : Light, Area Affected : 30%									
Location : Throughout									
Ceilings									
AcousTile,Adhered	10%	0-2	$10,100	2038		* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%									
Location : Throughout									
Plaster	90%	0-2	$34,500	LIFE		* *	5	$35,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Site Enclosure									
Fence/Gates									
Chain Link	50%	2-4	$60,800	2043		* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Iron Picket	50%			2053		* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Free Standing Walls									
Cast in Place Concrete	100%	Now	$1,500	2053		* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Morris Avenue									
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%	0-2	$53,900	2038		* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Throughout									

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	90%	4+	$15,300	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Rubber Matting	10%			2033	$40,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	40%			2053	* *	5	$100	
Fused Disc Sw	60%			2043	* *	5	$100	
Raceway								
Conduit	85%			2033	$68,800	1		
Conduit	15%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	97%			2038	* *	10	$40,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	3%			2028	$37,400	2		
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2038	* *	10	$4,300	
Exit, Battery	50%			2033	$31,900	10	$1,500	
Exterior Lighting								
HID	10%			2033	$21,000	10		
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$84,500	1	$16,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$27,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Capacity 5,000 Gallons, No.2 Oil.								
Conversion Equipment								
Heat Exchanger, Shell & Tube	90%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Steam Boiler	10%			2038	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Hot Wtr Piping/Pump	90%			2032	$88,600	4	$3,000	
Steam Piping/Pump	10%			2033	$36,000			
Terminal Devices								
Convector/Radiator	90%			2031	$331,200	1	$13,100	
Unit Heater - Hot Water	10%			2028	$26,700			
Controls								
Pneumatic	100%			2027	$869,700			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$53,400			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Distribution Frame Room								
Explanation : 1 Unit								
Window/Wall Unit	85%			2028	$144,900	1		
No Component	10%							

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DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,700	
Exhaust Fans								
Roof	100%			2033	$87,300	2	$1,400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2031	$574,500	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit, Capacity 225 Gallons								
Sanitary Piping								
Cast Iron	100%	0-2	$28,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room Floor Drain								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Kitchen Grease Traps Undersized								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$9,000	4	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 35 - M (OLD 58/ MANHATTAN H.S.)**		
Address	: **317 WEST 52 STREET BTWN 8TH AVE - 9TH AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M058**
Program / Asset #	: **BOE0035.000 / 1698**	**Yr Built/Renovated**	: **1969 / 2014**
Area Sq Ft	: **56,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1043** **Lot** : **22**	**BIN**	: **1025241**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$55,500	$55,500
Interior Architecture	$285,100	$2,944,400
Electrical	$159,700	$1,515,000
Mechanical		$1,015,200
Total	**$500,400**	**$5,530,100**
Importance Code A	$55,500	$55,500
Importance Code B	$306,900	$5,474,600
Importance Code C	$137,900	
Total	**$500,400**	**$5,530,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$113,300		$12,000	
Interior Architecture	$187,800	$14,600	$8,600	$3,700
Electrical	$22,200	$5,200	$5,400	$6,900
Mechanical	$83,300	$5,700	$11,000	$6,800
Site Pavements	$4,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$414,800**	**$29,500**	**$41,000**	**$21,400**
Importance Code A	$113,300		$12,000	$1,700
Importance Code B	$249,800	$29,500	$29,000	$19,000
Importance Code C	$51,600			$800
Total	**$414,800**	**$29,500**	**$41,000**	**$21,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 35 - M (OLD 58/ MANHATTAN H.S.)
Asset # : 1698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	Now	$40,200	LIFE	* *	5	$24,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : 53rd Street Elevation								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : 53rd Street Elevation								
Metal Coiling Doors	10%			2046	* *	5	$15,300	
Granite Panels	5%	Now	$30,100	LIFE	* *	5	$1,800	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Caulking At All Joints								
Pre-Cast Concrete	35%			LIFE	* *	5	$111,100	
Windows								
Aluminum	90%			2049	* *	5	$20,600	
Fiberglass Panel	9%	Now	$4,500	2049	* *	5	$3,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Broken Glass Block Throughout Stairwells								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairwell Windows								
Explanation : Aluminum Windows Facing The Exterior And Glass Block Facing The Interior								
Metal Louvers	1%			2042	* *	10	$1,400	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$20,400	
Masonry: Brick	50%			LIFE	* *	5-10	$13,500	
Masonry: Limestone	15%			LIFE	* *	5-10	$7,200	
Metal: Cage/Fence	10%			2046	* *	5-10	$3,100	
Roof								
Metal Panel	5%			2046	* *	10	$2,600	
Modified Bitumen	60%			2038	* *	10	$17,100	
Single Ply Membrane	35%			2041	* *	10	$10,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : Auditorium And Cafeteria Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
P. S. 35 - M (OLD 58/ MANHATTAN H.S.)
Asset # : 1698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$73,000	
Ceramic Tile	2%			2042	* *	5	$1,700	
Ceramic Tile	3%	Now	$14,100	2036	* *	5	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Staff Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Staff Bathrooms And Kitchen								
Terrazzo	5%	2-4	$19,500	LIFE	* *	5	$3,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Vestibule								
Vinyl Tile	45%			2038	* *	3	$14,100	
Vinyl Tile 9" X 9"	20%	2-4	$147,200	2033	$2,944,400	3	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwell								
Wood	5%			2061	* *	5	$7,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$9,600	
Ceramic Tile	2%			2042	* *	5	$1,500	
Ceramic Tile	3%	2-4	$25,300	2036	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Staff Bathrooms And Kitchen								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Staff Bathrooms And Kitchen								
Concrete Masonry Unit	18%			LIFE	* *	5	$11,000	
Operable Wall	2%			2043	* *	5	$5,400	
Plaster	30%	4+	$11,200	LIFE	* *	5	$6,900	
Paint Peeling, Extent : Light, Area Affected : 1%								
Location : 1st Floor Corridor								
SGFT/Glazed Masonry	40%	0-2	$137,900	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 3%								
Location : Outside Auditorium								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Corridors And Stairwells								
Ceilings								
AcousTile,Adhered	35%			2050	* *	5	$29,200	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$15,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$8,300	
Gypsum Board	3%			LIFE	* *	5-10	$8,600	
Metal Panel	2%			LIFE	* *	5	$4,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Plaster	40%			LIFE	* *	5-10	$57,300	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Throughout								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
P. S. 35 - M (OLD 58/ MANHATTAN H.S.)
Asset # : 1698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,200	2046	* *			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : 53rd Street								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : 52nd Street								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$25,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$200	
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Fused Disc Sw	5%			2032	$7,000	5	$100	
Molded Case Bkrs	85%			2032	$118,800	5	$1,300	
Molded Case Bkrs	10%			2041	* *	5	$100	
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	70%			2031	$50,200	5	$300	
Locally Mounted	30%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 35 - M (OLD 58/ MANHATTAN H.S.)
Asset # : 1698

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$801,400	10	$49,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2033	$8,300	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Storage Area								
Fluorescent	1%	Now	$8,300	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Rooms 117, B9								
HID	1%			2033	$6,600	10		
LED	1%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$47,000	10	$6,800	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
HID	20%			2028	$52,300	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$20,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Staircases								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$144,400	1-3	$35,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2042	* *	5	$3,300	

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DEPARTMENT OF EDUCATION - 040
P. S. 35 - M (OLD 58/ MANHATTAN H.S.)
Asset # : 1698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$44,800	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Is Leaking								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Control Of Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Steam Coming Too High								
Terminal Devices								
Air Handler	30%			2033	$316,100	1	$10,400	
Convector/Radiator	70%			2038	* *	1	$12,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2038	* *	1	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. R-410a								
Split Unit	5%			2033	$66,500			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. R-410a								
Window/Wall Unit	50%			2028	$106,100	1		
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2033	$277,100	1	$10,400	
Fan Coil - 2 Pipe	5%			2033	$72,600	1	$900	
No Component	65%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2033	$6,900	2	$2,000	
Air Cooled Condenser Unit	30%			2038	* *	2	$11,700	
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,400	
Exhaust Fans								
Interior	40%			2033	$99,300	2	$700	
Roof	60%			2041	* *	2	$1,000	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 35 - M (OLD 58/ MANHATTAN H.S.)
Asset # : 1698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$13,500	2043	* *	4	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Union Piping Connected To The Heat Exchanger Is Leaking								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$11,200	4	$1,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Hydraulic Freight Lift Has Broken Down For More Than 15 Years. Elevator Decommissioned.								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$77,400	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 35 - Q**
Address : **191-02 90 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0696.000 / 2266**
Area Sq Ft : **98,032**
Date of Survey : **13-Nov-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Ph**
Block : **10447** **Lot** : **7**

Agency's Number : **Q035**
Yr Built/Renovated : **1931 / 2015**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4222137**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$217,100	$493,900
Interior Architecture		$5,360,600
Electrical	$68,600	$301,500
Mechanical	$204,700	$1,008,800
Total	**$490,400**	**$7,164,800**
Importance Code A	$217,100	$554,900
Importance Code B	$273,300	$6,609,900
Total	**$490,400**	**$7,164,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$84,100	$12,400		$5,100
Interior Architecture	$130,600	$23,000	$7,600	$39,000
Electrical	$38,200	$15,400	$13,700	$27,600
Mechanical	$80,800	$23,300	$36,900	$20,500
Site Enclosure	$9,600			
Site Pavements	$6,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$354,000**	**$78,000**	**$62,100**	**$96,200**
Importance Code A	$90,400	$18,700	$6,300	$11,400
Importance Code B	$242,000	$41,400	$55,800	$84,800
Importance Code C	$21,600	$18,000		
Total	**$354,000**	**$78,000**	**$62,100**	**$96,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$117,500	
Masonry: Brick	65%			LIFE	* *	5	$97,800	
Masonry: Brick Cavity	15%			LIFE	* *	5	$22,600	
Masonry: Limestone	5%			LIFE	* *	5	$5,600	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$14,100	
Windows								
Aluminum	80%	Now	$217,100	2040	* *	5	$11,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : 1931 Wing								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : 1997 Wing								
Aluminum	20%			2054	* *	5	$5,700	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$19,200	
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Metal Rail	5%			2045	* *	5-10	$20,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,100	
Roof								
Copper/Terne	2%			2047	* *	10	$5,100	
Modified Bitumen	25%			2032	$278,500	10	$25,500	
Modified Bitumen	40%	Now	$22,300	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Skylights Surround								
Plaza Roof: Stone Panels	32%	Now	$41,900	2058	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 2015 Wing Roof								
Explanation : Cracked Stone Panels								
Skylight, Metal/Glass	1%	Now	$14,300	2042	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair Skylights								
Soffits								
Stucco Cement	100%			2049	* *	5	$5,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$52,500	
Mosaic Tile	5%	Now	$37,600	2037	* *	5	$10,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms In 1931 And 1997 Wing								
Quarry Tile	2%			2049	* *	5	$4,800	
Terrazzo	5%	Now	$37,400	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby 2015 Wing								
Vinyl Tile	23%			2032	$1,017,300	3	$13,800	
Vinyl Tile	25%			2040	* *	3	$15,000	
Vinyl Tile 9" X 9"	15%			2032	$4,238,700	3	$9,000	
Wood	10%			2047	* *	5	$30,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	15%			2045	* *	5	$35,900	
Ceramic Tile	2%	Now	$5,300	2035	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1931 And 1997 Bathrooms								
Concrete Masonry Unit	3%			LIFE	* *	5	$2,900	
Glass: Single Pane	2%			LIFE	* *	5	$3,600	
Gypsum Board	20%			LIFE	* *	5	$28,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	41%			LIFE	* *	5	$29,500	
Ceilings								
AcousTileSusp.Lay-In	30%			2052	* *	5	$48,000	
Exposed Struc: Concrete	10%	Now	$48,000	LIFE	* *	5	$2,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Bilco Doors								
Gypsum Board	3%			LIFE	* *	5	$6,000	
Metal Panel	5%			LIFE	* *	5	$10,000	
Plaster	52%			LIFE	* *	5	$52,000	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2058	* *			
Iron Picket	80%	Now	$9,600	2076	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Rear Gate On 1931 Wing								
Retaining Walls								
Cast in Place Concrete	100%			2076	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	85%			2049	* *			
Masonry: Granite	10%	Now	$6,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Steps								
Pavers/Stone	5%			2041	* *			
Activity Yard								
Asphalt	95%			2045	* *			
Rubber Matting	5%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2058	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	60%			2058	* *	5	$300	
Molded Case Bkrs	40%			2052	* *	5	$1,000	
Raceway								
Conduit	50%			2058	* *	1		
Conduit	10%			2052	* *	1		
Conduit	40%			2032	$80,700	1		
Panelboards								
Fused Disc Sw	10%			2054	* *	5	$200	
Fused Toggle Switch	10%	2-4	$24,000	2057	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways On The Old Section Of The Building								
Explanation : Obsolete Equipment And On Extended Life								
Molded Case Bkrs	10%			2048	* *	5	$300	
Molded Case Bkrs	50%			2054	* *	5	$1,300	
Molded Case Bkrs	20%			2031	$47,900	5	$500	
Wiring								
Thermoplastic	30%			2032	$87,500	1		
Thermoplastic	25%			2052	* *	1		
Thermoplastic	45%			2058	* *	1		
Motor Controllers								
Locally Mounted	50%			2045	* *	5	$300	
Locally Mounted	20%			2049	* *	5	$100	
Variable Frequency Drive	30%			2049	* *			
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$30,200	
Generators								
Diesel	100%			2045	* *	1	$38,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 275 Kilowatts								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$21,800	
Fuel Storage								
Day Tank	50%			2054	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2067	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	93%			2040	* *	10	$83,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2040	* *	10	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Lobby, Gas And Oil Tank Room								
Explanation : T-5 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$11,800	
Exit, Service	40%			2040	* *	1		
Exit, Service	10%			2037	* *	1		
Exterior Lighting								
HID	15%			2040	* *	10		
HID	15%			2027	$68,600	10		
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	50%							
Generic	50%			2067	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof Only								
Explanation : Lightning Rods								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$11,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2040	* *	1-3	$60,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	70%			2052	* *	1		
Interruptible Gas/Dual Fuel	30%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 7500 Gallons Tank								
Conversion Equipment								
Furnace	20%			2032	$61,000	1	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Of Smaller Addition								
Explanation : 5 Units Roof Mounted								
Hot Water Boiler	50%			2049	* *	1	$24,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 2 Units								
Steam Boiler	30%			2037	* *	1	$29,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	10%			2054	* *	4	$500	
Steam Piping/Pump	30%	Now	$4,700	2032	$235,500			
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Pump And Tank, Basement								
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2032	$184,500	1	$6,100	
Air Handler	50%			2040	* *	1	$30,300	
Convector/Radiator	20%			2030	$160,300	1	$6,300	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2040	* *	1	$22,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 1 Multistacks Unit, R-407c								
Ext Pkg Unit - Heating/Cooling	14%	Now	$46,100	2032	$230,600	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof Of Smaller Addition								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units With Combination Of Mechanical And Electrical Defects.								
Ext Pkg Unit - Heating/Cooling	6%			2032	$98,800	2	$400	
Window/Wall Unit	20%			2027	$74,300	1		
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2040	* *	1	$30,300	
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	50%			2040	* *	2	$34,100	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$16,400	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$10,900	
Ductwork/Diffusers	50%			LIFE	* *	2-5	$27,300	
Exhaust Fans								
Interior	30%			2027	$130,400	2	$900	
Roof	50%			2040	* *	2	$1,500	
Roof	20%			2032	$38,000	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Brass/Copper	50%			2058	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	8%	Now		2032	$1,400	2		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Vacuum Pump Room								
Gas Fired	92%			2031	$15,700	2		
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$19,600	4	$3,100	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,900	
Backflow Preventer								
No Component	50%							
Generic	50%			2037	* *	1	$3,000	
Fixtures								
Generic	50%							
Generic	50%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units From Basement To 4th Floor, 1 Unit From Ground To 1st Floor, 1 Unit From Ground To 2nd Floor								
Explanation : 4 Units								
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2058	* *	1-5	$24,700	
Sprinkler								
No Component	30%							
Generic	70%			2052	* *	1-2	$19,200	
Fire Pump								
Generic	100%			2041	* *	1	$18,300	
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 35 - SI**		
Address	: **60 FOOTE AVE. @ CLOVE ROAD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R035**
Program / Asset #	: **BOE0924.000 / 2527**	**Yr Built/Renovated**	: **1953 / 2014**
Area Sq Ft	: **26,200**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **610** **Lot** : **127**	**BIN**	: **5015603**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$430,200	$120,300
Electrical		$199,000
Mechanical	$291,700	$250,200
Total	**$721,900**	**$569,500**
Importance Code A	$430,200	$120,300
Importance Code B	$291,700	$449,300
Total	**$721,900**	**$569,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,100			
Interior Architecture	$105,400		$2,900	$400
Electrical	$3,400	$2,800	$2,500	$3,000
Mechanical	$62,100	$3,900	$5,600	$4,100
Site Pavements	$47,800			
Total	**$245,800**	**$6,600**	**$11,000**	**$7,500**
Importance Code A	$72,700	$2,600	$2,600	$2,600
Importance Code B	$97,800	$4,000	$8,400	$4,900
Importance Code C	$75,300			
Total	**$245,800**	**$6,600**	**$11,000**	**$7,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$240,500	
Masonry: Granite	1%			LIFE	* *	5	$1,900	
Metal/Glass Curt Wall	1%			LIFE	* *	5	$4,700	
Metal Panel	2%			2043	* *	5-10	$17,400	
Metal Coiling Doors	1%			2038	* *	5	$4,000	
Windows								
Aluminum	100%			2049	* *	5	$13,800	
Parapets								
Masonry: Brick	90%	0-2	$309,900	LIFE	* *	5	$24,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Upper Roof								
Masonry: Limestone	10%	0-2	$16,900	LIFE	* *	5	$3,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Upper Roof								
Roof								
Built-Up (BUR)	97%			2038	* *	10	$27,500	
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout Lower Roof								
Copper/Terne	3%			2061	* *	10	$2,100	
Soffits								
Cement - Fiber Panel	100%			2033		10		
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$38,200	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout Basement								
Ceramic Tile	3%			2042	* *	5	$900	
Vinyl Tile	65%			2038	* *	3	$7,100	
Wood	2%			2061	* *	5	$1,100	
Interior Walls								
Ceramic Tile	5%	Now	$18,800	2036	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Concrete Masonry Unit	10%	Now	$12,800	LIFE	* *	5	$2,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs								
Plaster	55%			LIFE	* *	5-10	$31,900	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$10,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$7,300	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	70%			LIFE	* *	5-10	$25,400	
Plaster	5%			LIFE	* *	5-10	$2,500	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2053	* *			
Iron Picket	15%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2059	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$27,600	2046	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Asphalt	20%			2042	* *			
Cast in Place Concrete	75%			2046	* *			
Masonry: Granite	5%	Now	$12,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Steps								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	75%			2036	* *			
Pavers/Stone	25%	Now	$7,500	2036	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 5%								
Location : Front Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2033	$55,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$5,000	5		
Fused Disc Sw	5%			2049	* *	5		
Molded Case Bkrs	90%			2055	* *	5	$600	
Wiring								
Thermoplastic	20%			2033	$15,400	1		
Thermoplastic	80%			2053	* *	1		
Motor Controllers								
Locally Mounted	85%			2031	$60,900	5	$200	
Locally Mounted	15%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$23,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Service	25%			2028	$4,000	1		
Emergency, Battery	25%			2033	$11,000	10	$1,600	
Exit, Service	50%			2028	$5,600	1		
Exterior Lighting								
HID	20%			2028	$24,500	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$300	
Alarm								
Security System								
Generic	100%			2033	$49,200	1	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$67,600	1-3	$16,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$45,700	2046	* *	1	$23,400	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room. Boiler No. 1 Leaking Tubes								
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Boiler Room. Boiler No. 1 Out Of Services								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	10%			2053	* *			
Steam Piping/Pump	90%			2043	* *			
Terminal Devices								
Convector/Radiator	80%			2038	* *	1	$6,800	
Fan Coil Unit/Heat	20%			2033	$129,900	1	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	2%			2038	* *	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Serves Main Distribution Frame								
Explanation : Split Unit								
Window/Wall Unit	70%	0-2	$6,900	2028	$69,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 35%								
Location : Various Locations. 35 Percent Of Window, Wall Units Are Not Working								
No Component	28%							
Heat Rejection								
Dry Cooler	2%			2033	$1,700	2	$400	
No Component	98%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$23,100	
Exhaust Fans								
Roof	100%			2033	$50,800	2	$800	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%	Now	$126,700	2063	* *	4	$2,600	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	0-2	$165,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Blockage, Clogged Drain At Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2043	* *	4	$600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2043	* *	1-2	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 36 - M**
Address : **123 MORNINGSIDE DRIVE @ AMSTERDAM AVE. AND W. 122 ST.**
Borough : **MANHATTAN** **Agency's Number** : **M036**
Program / Asset # : **BOE0020.000 / 1661** **Yr Built/Renovated** : **1967 / 2012**
Area Sq Ft : **71,000** **Project Type** : **EDUCATION**
Date of Survey : **05-Mar-2021** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1850** **Lot** : **2** **BIN** : **1055890**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$77,800	$53,500
Interior Architecture	$399,600	$2,430,600
Electrical	$328,800	$482,000
Mechanical	$201,700	$879,400
Site Pavements	$864,500	
Total	**$1,872,400**	**$3,845,400**
Importance Code A	$77,800	$53,500
Importance Code B	$670,200	$3,791,900
Importance Code C	$1,124,400	
Total	**$1,872,400**	**$3,845,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$400	$9,100		
Interior Architecture	$48,600	$1,500		$12,500
Electrical	$5,300	$2,400	$2,500	$49,500
Mechanical	$10,800	$9,700	$16,400	$9,700
Site Pavements	$26,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$95,200**	**$26,600**	**$22,900**	**$75,700**
Importance Code A	$7,400	$16,100	$7,000	$7,200
Importance Code B	$61,700	$10,500	$15,900	$68,500
Importance Code C	$26,100			
Total	**$95,200**	**$26,600**	**$22,900**	**$75,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$48,600	
Masonry: Fieldstone	10%			LIFE	* *	5	$4,900	
Pre-Cast Concrete	15%			LIFE	* *	5	$31,600	
Windows								
Aluminum	99%			2040	* *	5	$14,400	
Metal Louvers	1%	2-4	$400	2035	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Rooftop Penthouse Window Vents								
Parapets								
Metal Rail	2%			2045	* *	5-10	$3,100	
Pre-Cast Concrete	98%			LIFE	* *	5	$53,500	
Roof								
Modified Bitumen	100%			2037	* *	10	$77,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roofs								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,900	
Ceramic Tile	3%			2035	* *	5	$3,000	
Quarry Tile	2%			2037	* *	5	$3,000	
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	88%	0-2	$48,600	2032	$2,430,600	3	$33,000	
Misaligned/Bulging, Extent : Light, Area Affected : 100%								
Location : Multipurpose Room, Open Gymnasium, Cafeteria At First Floor And Second Floor								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria On 3rd Floor								
Interior Walls								
Ceramic Tile	3%	4+	$56,100	2041	* *	5	$1,700	
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Toilet Rooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,300	
Plaster	52%			LIFE	* *	5	$17,700	
SGFT/Glazed Masonry	40%	2-4	$203,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair G At Top Of Staircase								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Stair G								

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DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	50%	Now	$80,200	2037	* *	5	$24,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Playroom								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Playroom, Cafeteria, Copy Room								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Playroom, Cafeteria, Copy Room								
Exposed Struc: Concrete	42%			LIFE	* *	5	$6,500	
Metal Panel	3%	Now	$59,500	LIFE	* *	5	$3,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Kitchen On 3rd Floor								
Plaster	5%			LIFE	* *	5	$3,100	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2052	* *			
Iron Picket	50%			2067	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : At The Entrance Platform And Along Sides								
Explanation : Low Metal Fence Along The Sidewalk And Tall Metal Fence At Entrance Platform								
Retaining Walls								
Masonry: Fieldstone	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	10%			2045	* *			
Paver: Asphalt	90%	Now	$864,500	2047	* *	5	$16,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Walkways								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Parking/Driveway								
Asphalt	50%	Now	$26,100	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : Loading Dock Area								
Cast in Place Concrete	50%			2045	* *			
Activity Yard								
Asphalt	25%			2041	* *			
Rubber Matting	5%			2037	* *			
Under Construction	70%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	85%			2032	$122,900	1		
Conduit	15%			2052	* *	1		
Panelboards								
Fused Disc Sw	3%			2048	* *	5		
Fused Disc Sw	7%			2031	$12,600	5	$100	
Fused Toggle Switch	2%	0-2	$3,600	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Molded Case Bkrs	78%			2031	$140,100	5	$1,500	
Molded Case Bkrs	10%			2048	* *	5	$200	
Wiring								
Braided Cloth	75%	0-2	$149,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2052	* *	1		
Thermoplastic	10%			2032	$20,000	1		
Motor Controllers								
Locally Mounted	20%			2030	$23,900	5	$100	
Locally Mounted	80%			2045	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$63,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2037	* *	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
Egress Lighting								
Emergency, Battery	10%			2037	* *	10	$1,700	
Emergency, Battery	40%			2027	$47,700	10	$6,900	
Exit, Service	40%			2027	$12,200	1		
Exit, Service	10%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$66,300	10		
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$26,700	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Some Offices								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Addressable Fire Alarm Panel. Smoke Detectors, Manual Pull Stations, Alarm Bells, Horns And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2058	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$70,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Natural Gas Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	25%			2052	* *	4	$1,300	
Central Plant Steam Piping/Pmp	75%			2042	* *	4	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Existing Steam And Condensate Piping Throughout Except For Boiler Room.								
Terminal Devices								
Convector/Radiator	20%			2045	* *	1	$4,600	
Convector/Radiator	40%			2037	* *	1	$9,200	
Fan Coil Unit/Heat	40%			2032	$704,100	1	$9,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	10%			2030	$112,300	2	$400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 3rd Floor								
Explanation : 2 Units In Lunch Room								
Window/Wall Unit	75%			2027	$201,700	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Interior	20%			2032	$63,000	2	$400	
Roof	80%			2037	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$14,200	4	$2,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,000	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 36 - Q**		
Address	: **187-01 FOCH BLVD @ LOVINGHAM PL.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q036**
Program / Asset #	: **BOE0697.000 / 2267**	**Yr Built/Renovated**	: **1924 / 2011**
Area Sq Ft	: **35,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12439** **Lot** : **32**	**BIN**	: **4268900**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$585,900	$516,700
Interior Architecture	$760,200	
Electrical		$377,500
Mechanical		$575,500
Site Enclosure	$344,400	
Site Pavements	$164,500	
Total	**$1,855,000**	**$1,469,800**
Importance Code A	$585,900	$516,700
Importance Code B	$1,269,100	$953,000
Total	**$1,855,000**	**$1,469,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$63,800			
Interior Architecture	$104,600		$1,500	$6,700
Electrical	$74,600	$3,300	$4,100	$3,700
Mechanical	$17,800	$4,900	$8,100	$4,900
Site Enclosure	$44,100			
Site Pavements	$21,400			
Total	**$326,300**	**$8,100**	**$13,600**	**$15,300**
Importance Code A	$67,300	$3,500	$3,500	$3,500
Importance Code B	$156,600	$4,700	$9,100	$11,800
Importance Code C	$102,300		$1,100	
Total	**$326,300**	**$8,100**	**$13,600**	**$15,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	$527,800	LIFE	* *	5	$32,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Window Lintels At Classrooms, Room 207								
Masonry: Brick Cavity	50%			LIFE	* *	5	$80,100	
Metal Panel	7%			2053	* *	5-10	$38,600	
Pre-Cast Concrete	3%			LIFE	* *	5	$15,600	
Windows								
Aluminum	100%			2049	* *	5	$22,500	
Parapets								
Masonry: Brick Cavity	93%			LIFE	* *	5-10	$68,000	
Pre-Cast Concrete	7%			LIFE	* *	5	$9,400	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Coping Stones								
Explanation : Coated With Water Proofing Sealant								
Roof								
Built-Up (BUR)	98%			2033	$346,500	10	$29,700	
Skylight, Metal/Glass	2%			2033	$170,200	10	$2,000	
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Skylight Steel Members								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	6%			LIFE	* *	5	$17,300	
Ceramic Tile	1%	Now	$37,100	2048	* *	5	$300	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Toilet Rooms								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 3rd Floor Toilet Rooms								
Ceramic Tile	1%			2046	* *	5	$700	
Recent Installation, Extent : N/A, Area Affected : 1%								
Location : 1st Floor Toilet Rooms								
Mosaic Tile	3%			2038	* *	5	$4,900	
Quarry Tile	2%	Now	$96,800	2053	* *	5	$1,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$5,100	
Vinyl Tile	80%	Now	$290,900	2038	* *	3	$19,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Classrooms 207								
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Tiles In Various Classrooms								
Explanation : Asbestos Tiles At 12x12								
Vinyl Tile 9" X 9"	2%	Now	$232,300	2043	* *	3	$500	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 3rd Floor Classroms								
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$2,200	
Masonry: Brick	15%			LIFE	* *	10	$3,400	
Marble Panels	2%			LIFE	* *	10	$600	
Plaster	80%			LIFE	* *	5-10	$50,900	
Ceilings								
AcousTile,Adhered	3%			2038	* *	5	$2,000	
Exposed Struc: Concrete	27%			LIFE	* *	5-10	$22,200	
Plaster	70%	Now	$140,100	LIFE	* *	5	$28,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Rooms 301, 302, 304, 306, 309, 207								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Third Floor								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Rooms 301, 302, 304, 306, 309								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	70%			2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Iron Picket	30%	4+	$44,100	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$344,400	2068	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Lovingham Place, Foch Boulevard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	80%			2042	* *			
Cast in Place Concrete	20%	Now	$21,400	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Exterior Egress Stairs								
Activity Yard								
Asphalt	95%	Now	$164,500	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$130,000	5	$200	
Raceway								
Conduit	95%			2033	$58,200	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$10,000	5	$100	
Molded Case Bkrs	85%			2032	$84,800	5	$800	
Molded Case Bkrs	5%			2041	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$46,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	35%			2033	$27,000	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$31,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$4,200	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	15%	Now	$24,500	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
HID	5%			2028	$8,200	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$32,900	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mutipurpose Room And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$21,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$34,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2059	* *			
Terminal Devices								
Convector/Radiator	100%			2031	$286,200	1	$11,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$1,300	2028	$13,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 3 Units Not Working. Various Location								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,900	
Exhaust Fans								
Interior	100%			2028	$155,200	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$134,000	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$700	
Backflow Preventer								
Generic	100%			2033	$15,600	1	$2,100	
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Custodian Closet								
Explanation : Clogged Sink								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$14,500	1-2	$300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 36 - Q MINISCHOOL**		
Address	: **187-01 FOCH BLVD @ LOVINGHAM PL.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q836**
Program / Asset #	: **BOE0697.010 / 2268**	**Yr Built/Renovated**	: **1972 / 2001**
Area Sq Ft	: **8,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **12439** **Lot** : **32**	**BIN**	: **4268900**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$969,800	
Electrical		$71,700
Mechanical	$126,500	
Total	**$1,096,300**	**$71,700**
Importance Code A	$969,800	
Importance Code B	$126,500	$71,700
Total	**$1,096,300**	**$71,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,900		$45,300	
Interior Architecture	$8,200		$8,300	
Electrical	$8,300	$700	$900	$900
Mechanical	$3,100	$400	$24,800	$400
Site Pavements	$1,800			
Total	**$55,300**	**$1,100**	**$79,400**	**$1,200**
Importance Code A	$34,300	$400	$45,700	$400
Importance Code B	$11,100	$700	$33,700	$900
Importance Code C	$10,000			
Total	**$55,300**	**$1,100**	**$79,400**	**$1,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q MINISCHOOL

Asset # : 2268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$4,600	LIFE	* *	5	$3,800	
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Exposed Foundation Wall								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Exposed Section Of Foundation Wall								
Metal Panel	95%	Now	$969,800	2063	* *	5	$27,400	1
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Base Of Metal Facade								
Deformed/Dented, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 80%								
Location : All Facades								
Painted Surfaces, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$24,600	2041	* *	5	$600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Classroom Windows								
Worn/Eroded, Extent : Moderate, Area Affected : 80%								
Location : Classroom Windows								
Roof								
Metal Panel	100%			2046	* *	10	$45,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Coated With Liquid Membrane Roofing								
Soffits								
Metal Panel	100%	Now	$4,700	2043	* *	5	$3,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Soffit Overhang Of Roof								
Interior								
Floors								
Mosaic Tile	5%			2046	* *	5	$1,500	
Vinyl Tile	95%			2038	* *	3	$4,400	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$7,700	
Metal Panel	50%			LIFE	* *	10	$4,300	
Ceilings								
AcousTileSusp.Lay-In	100%			2046	* *	5	$12,200	
Site Pavements								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q MINISCHOOL

Asset # : 2268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	90%	Now	$1,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout And Around Minischool								
Sinking/Subsiding, Extent : Severe, Area Affected : 2%								
Location : Behind Minischool								
Cast in Place Concrete	10%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2032	$1,500	5		
Molded Case Bkrs	95%			2032	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$7,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,000	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%	Now	$7,500	2043	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Perimeter Of The Building								
Explanation : Not Functional								
No Component	80%							
Alarm								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q MINISCHOOL

Asset # : 2268

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Front Entrance								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$7,500	1	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mechanical And Electrical Room								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2028	$24,900	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2027	$126,500	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : One Unit In Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,100	
Exhaust Fans								
Interior	100%			2028	$35,500	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2026	$23,600	4		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q MINISCHOOL

Asset # : 2268

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : Leaking, Broken Urinals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 36 - SI**		
Address	: **255 IONIA AVENUE @JEFFERSON BLVD.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R036**
Program / Asset #	: **BOE0925.000 / 1430**	**Yr Built/Renovated**	: **1974 / 2017**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Ph**		
Block	: **6262** **Lot** : **12**	**BIN**	: **5107742**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$130,100	$2,437,000
Interior Architecture	$982,600	$2,687,600
Electrical		$2,582,200
Mechanical		$1,861,400
Site Pavements	$57,100	
Total	**$1,169,800**	**$9,568,200**
Importance Code A	$130,100	$2,437,000
Importance Code B	$572,200	$7,131,200
Importance Code C	$467,500	
Total	**$1,169,800**	**$9,568,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,300		$28,700	
Interior Architecture	$88,600		$15,000	$12,200
Electrical	$31,800	$7,800	$8,900	$10,300
Mechanical	$69,500	$16,500	$30,000	$17,100
Site Enclosure	$56,100			
Site Pavements	$23,500			
Total	**$291,800**	**$24,200**	**$82,600**	**$39,600**
Importance Code A	$30,500	$8,200	$36,900	$8,200
Importance Code B	$151,600	$16,000	$32,500	$31,400
Importance Code C	$109,700		$13,100	
Total	**$291,800**	**$24,200**	**$82,600**	**$39,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$103,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$17,600	
Windows								
Aluminum	95%			2041	* *	5	$34,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Louvers	5%			2036	* *	10	$11,400	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Metal: Cage/Fence	25%			2038	* *	5-10	$21,400	
Pre-Cast Concrete	75%	4+	$13,500	LIFE	* *	5	$52,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	63%			2028	$1,856,900	10	$78,500	
Metal Panel	2%			2038	* *	10	$4,600	
Modified Bitumen	35%			2033	$476,600	10	$43,600	
Soffits								
Cement - Fiber Panel	100%			2033	$15,900	10	$2,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$27,600	
Ceramic Tile	3%			2036	* *	5	$3,800	
Quarry Tile	5%			2038	* *	5	$9,500	
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile	77%	Now	$268,800	2033	$2,687,600	3	$36,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			2048	* *	5	$11,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$28,900	2036	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$16,800	
Folding Partition	5%			2041	* *	5	$26,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st And 2nd Floor Classrooms								
Explanation : Newly Identified Component								
Masonry: Brick	5%			LIFE	* *	10	$3,200	
Plaster	35%	Now	$89,500	LIFE	* *	5	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	40%	Now	$377,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	47%	Now	$191,100	2038	* *	5	$29,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	6%			2038	* *	5	$7,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : Newly Added Component Via Renovation								
Exposed Struc: Steel	5%			LIFE	* *	10	$12,600	
Metal Panel	2%	2-4	$16,700	LIFE	* *	5	$3,200	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Newly Identified Component								
Plaster	40%			LIFE	* *	5-10	$86,900	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%	2-4	$41,100	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Iron Picket	25%	2-4	$14,900	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$57,100	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	75%	4+	$13,100	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pavers/Stone	25%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	90%	2-4	$10,100	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	10%	Now	$300	2033	$13,200			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Service Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	80%			2033	$161,400	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	3%			2032	$7,200	5	$100	
Fused Toggle Switch	2%			2032	$4,800	5		
Molded Case Bkrs	90%			2032	$215,500	5	$2,000	
Molded Case Bkrs	5%			2041	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	95%			2033	$277,200	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$83,600	5	$400	
Motor Control Center	20%			2031	$59,100	5	$500	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	28%			2028	$346,400	10	$21,300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	70%			2033	$866,100	10	$53,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2033	$5,100	1		
Emergency, Battery	40%			2038	* *	10	$8,000	
Exit, Battery	50%			2038	* *	10	$2,800	
Exterior Lighting								
LED	10%			2038	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,300	
Alarm								
Security System								
Generic	50%			2033	$77,900	1	$15,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$15,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$214,100	1-3	$52,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$82,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Air Handler	30%			2033	$468,600	1	$15,400	
Convector/Radiator	40%			2038	* *	1	$10,700	
Fan Coil Unit/Heat	30%			2033	$617,400	1	$8,000	
Controls								
Electrical	100%	Now	$23,100	2031	$461,400			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Univents In Classrooms Programming Problems								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2038	* *	1	$11,600	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller Room								
Split Unit	5%			2038	* *			
No Component	65%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2043	* *	4	$1,200	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2033	$169,100	1	$15,400	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2038	* *	2	$17,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,300	
Exhaust Fans								
Interior	10%			2028	$36,800	2	$300	
Roof	90%			2033	$144,900	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallons. Quantity 2								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,300	
Backflow Preventer								
No Component	50%							
Not Accessible	50%							
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 30%								
Location : Throughout								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$41,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Dry System								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 36 - SI ANNEX**		
Address	: **200 JEFFERSON BLVD. @IONIA AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R844**
Program / Asset #	: **BOE0925.010 / 1431**	**Yr Built/Renovated**	: **1932 / 2015**
Area Sq Ft	: **29,468**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **6262** **Lot** : **12**	**BIN**	: **5107743**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$703,000	$454,500
Interior Architecture	$111,800	$3,797,500
Electrical		$608,500
Mechanical	$569,500	$330,900
Total	**$1,384,300**	**$5,191,300**
Importance Code A	$703,000	$454,500
Importance Code B	$569,500	$4,736,800
Importance Code C	$111,800	
Total	**$1,384,300**	**$5,191,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,000		$6,800	
Interior Architecture	$152,200		$2,100	$2,900
Electrical	$9,100	$2,800	$2,900	$3,700
Mechanical	$62,100	$4,300	$6,700	$4,300
Site Enclosure	$14,600			
Site Pavements	$30,400			
Total	**$300,400**	**$7,000**	**$18,400**	**$10,900**
Importance Code A	$34,900	$2,900	$9,700	$2,900
Importance Code B	$229,600	$4,100	$7,700	$8,000
Importance Code C	$35,800		$1,000	
Total	**$300,400**	**$7,000**	**$18,400**	**$10,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	4+	$384,500	LIFE	* *	5	$46,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	2%	2-4	$9,200	LIFE	* *	5	$900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	18%	2-4	$82,700	LIFE	* *	5	$7,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$13,500	
Parapets								
Masonry: Brick	95%	0-2	$235,800	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 30%								
Location : Northeast Interior Face								
Masonry: Limestone	5%			LIFE	* *	5-10	$4,000	
Roof								
IRMA/Protected Membrane	95%			2028	$454,500	10	$19,200	
Metal Panel	5%			2038	* *	10	$1,900	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$18,800	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2036	* *	5	$2,200	
Marble Panels	2%	Now	$9,700	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entry Stairs								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Entry								
Explanation : Marble Panels Are Actually Stairs								
Terrazzo	10%	4+	$20,600	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Lobby								
Vinyl Tile	5%			2033	$60,900	3	$1,100	
Vinyl Tile 9" X 9"	48%			2033	$3,736,500	3	$10,600	
Wood	25%			2048	* *	5	$20,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$7,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2036	* *	5	$2,100	
Marble Panels	5%	Now	$7,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	4+	$55,700	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	30%	4+	$56,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$4,400	
AcousTileSusp.Lay-In	2%	2-4	$5,900	2038	* *	5	$400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Exposed Struc: Concrete	13%	Now	$43,000	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	75%			LIFE	* *	5-10	$56,900	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2043	* *			
Iron Picket	25%	4+	$14,600	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$24,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	75%			2038	* *			
Masonry: Granite	25%	Now	$6,000	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Front Entry Stairs								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Front Entry Stairs								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$130,000	5	$100	
Raceway								
Conduit	80%			2033	$49,000	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	1%			2032	$1,000	5		
Fused Disc Sw	1%			2041	* *	5		
Fused Toggle Switch	1%			2032	$1,000	5		
Molded Case Bkrs	97%			2032	$96,800	5	$800	
Wiring								
Thermoplastic	90%			2033	$69,500	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Connected To Ground Rod At Service Switchgear								
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$21,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2028	$87,900	10	$5,400	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$24,700	10	$3,600	
Exit, Service	25%			2028	$3,200	1		
Exit, Battery	25%			2038	* *	10	$500	
Exterior Lighting								
LED	10%			2038	* *			
No Component	90%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2033	$27,700	1	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$76,000	1-3	$18,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$29,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2033	$110,900	1	$3,600	
Convector/Radiator	80%			2038	* *	1	$7,600	
Controls								
Pneumatic	100%			2027	$569,500			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$89,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$26,000	
Exhaust Fans								
Interior	100%			2033	$130,700	2	$900	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2053	* *	1		
Galvanized Steel	60%	Now	$11,300	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 85 Gallon Tank. Quantity 1								
Sanitary Piping								
Cast Iron	100%	Now	$37,100	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Floor Drains Backup								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 37 - Q**
Address : **179-37 137 AVENUE BTWN: BENNETT ST., BELKNAP ST.**
Borough : **QUEENS**
Agency's Number : **Q037**
Program / Asset # : **BOE0698.000 / 2269**
Yr Built/Renovated : **1928 / 2022**
Area Sq Ft : **88,000**
Project Type : **EDUCATION**
Date of Survey : **11-Jan-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,Ph**
Block : **12993** **Lot** : **118** **BIN** : **4279864**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$609,100	$158,700
Interior Architecture	$1,628,400	$2,437,700
Electrical	$204,200	$983,700
Mechanical		$2,285,500
Site Enclosure	$76,500	
Total	**$2,518,300**	**$5,865,600**
Importance Code A	$609,100	$158,700
Importance Code B	$1,453,600	$5,706,800
Importance Code C	$455,500	
Total	**$2,518,300**	**$5,865,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$87,100			
Interior Architecture	$109,700		$6,200	$10,800
Electrical	$16,000	$3,300	$3,600	$4,400
Mechanical	$33,800	$16,900	$49,400	$14,700
Site Enclosure	$23,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$274,000**	**$24,100**	**$63,100**	**$33,800**
Importance Code A	$95,800	$8,700	$8,700	$8,700
Importance Code B	$71,400	$15,400	$54,400	$25,100
Importance Code C	$106,800			
Total	**$274,000**	**$24,100**	**$63,100**	**$33,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,000	
Masonry: Brick	90%			LIFE	* *	5	$186,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1974 Wing At West Side								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : 1974 Wing At West Side								
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Original Building								
Explanation : Repairs Recently Completed								
Masonry: Limestone	5%			LIFE	* *	5	$7,800	
Windows								
Aluminum	100%	Now	$515,800	2049	* *	5	$18,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$41,400	
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Original Building								
Explanation : Repairs Recently Completed								
Masonry: Limestone	10%			LIFE	* *	5-10	$8,200	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$65,400	
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Original Building								
Explanation : Repairs Recently Completed								
Copper/Terne	5%			2061	* *	10	$8,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	Now	$676,300	LIFE	* *	5	$58,000	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Of 1974 Wing								
Explanation : Flood Elimination Repair In Progress								
Ceramic Tile	5%	Now	$224,200	2036	* *	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 45%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Toilets Throughout								
Terrazzo	5%			LIFE	* *	5	$10,400	
Vinyl Tile	65%			2033	$2,379,700	3	$43,100	
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Wood	5%			2061	* *	5	$12,400	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *	10	$81,200	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Flood Elimination At Foundations Of 1974 Wing								
Ceramic Tile	5%	Now	$297,800	2036	* *	5	$5,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$8,700	
Masonry: Brick	10%			LIFE	* *	10	$6,500	
Metal Panel	10%			LIFE	* *	10	$9,700	
Marble Panels	5%			LIFE	* *	10	$4,300	
Plaster	40%			LIFE	* *	5-10	$73,600	
Paint Peeling, Extent : Light, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$10,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%	0-2	$60,900	2038	* *	5	$18,900	
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Throughout Corridors And Random Classrooms								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$11,800	
Plaster	50%	Now	$287,900	LIFE	* *	5	$29,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms Throughout 3rd Floor								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$23,400	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Rear Play Yard								
Iron Picket	50%	Now	$76,500	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Dumpster Area And Corner Of Belknap Street And 137th Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Play Yard								
Explanation : New Asphalt Recently Installed								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,600 Ampere Main Disconnect Switches								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$204,800	5	$300	
Fused Disc Sw	10%			2053	* *	5		
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	90%			2032	$215,500	5	$2,100	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	$87,500	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : In Boiler Room								
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$79,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$1,600	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2028	$73,900	10	$10,600	
Exit, Service	50%			2028	$19,000	1		
Exterior Lighting								
HID	10%	Now	$800	2028	$41,100			
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rooftop And Ground Perimeter								
Explanation : Operated Via Timers								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$32,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Offices And Exit Doors								
Explanation : Surveillance Cameras Intrusion Alarm And Motion Sensor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$87,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units. Installed In 2021.								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$4,300	
Terminal Devices								
Air Handler	15%			2028	$248,400	1	$8,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : Supply Fans With Heating Coils								
Convector/Radiator	60%			2031	$431,800	1	$17,100	
Fan Coil Unit/Heat	15%			2028	$327,300	1	$4,300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Original Building, Various Locations								
Fan Coil Unit/Heat	5%			2041	* *	1	$1,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Unit Ventilators Installed In New Addition Building, 1st Floor								
Under Construction	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Rooftop Unit, Rtu-3, Providing Gas Fired Heating Is Under Construction								
Controls								
Electrical	100%			2032	$489,200			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	10%			2028	$33,300	1		
No Component	70%							
Under Construction	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : 2 Rooftop Units, Rtu-1 And Rtu-2, Provide Gas Fired Heating And Dx Cooling And Are Under Construction.								
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$58,300	
Under Construction	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement, Roof, And Various Locations								
Explanation : Ductwork Associated With Rtu-1, Rtu-2 And Rtu-3 Are Under Construction.								
Exhaust Fans								
Interior	60%			2033	$234,200	2	$1,600	
Roof	40%			2033	$68,300	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$425,500	4	$13,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	50%			2028	$1,400	4	$1,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building, Basement Mechanical Room								
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Addition, Basement								
Explanation : Under Construction								
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2026	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 260 Gallon Tank, 300,000 Btu/hr Water Heater								
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar To The Second Floor								
Explanation : 1 Unit - Not In Service								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$60,800	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 37 - SI (OLD 124X)**		
Address	: **15 FAIRFIELD ST. @ CORBIN AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R840**
Program / Asset #	: **BOE0915.010 / 1449**	**Yr Built/Renovated**	: **1975 / 2012**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **4586** **Lot** : **1**	**BIN**	: **5061911**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,194,400	
Interior Architecture	$597,200	$82,000
Electrical		$852,000
Mechanical	$101,600	$2,163,400
Total	**$1,893,200**	**$3,097,400**
Importance Code A	$1,194,400	
Importance Code B	$485,600	$3,015,400
Importance Code C	$213,100	$82,000
Total	**$1,893,200**	**$3,097,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$90,800			
Interior Architecture	$128,000			$11,800
Electrical	$7,700	$5,000	$6,400	$5,800
Mechanical	$90,000	$11,900	$36,100	$11,900
Total	**$316,400**	**$16,900**	**$42,500**	**$29,400**
Importance Code A	$96,100	$5,300	$5,300	$5,300
Importance Code B	$192,900	$11,600	$37,200	$24,100
Importance Code C	$27,300			
Total	**$316,400**	**$16,900**	**$42,500**	**$29,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI (OLD 124X)

Asset # : 1449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$13,300	
Masonry: Brick	70%	4+	$49,000	LIFE	* *	5	$29,700	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Front Entry								
Metal, Corrugated	5%			2043	* *	1		
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooftop Bulkhead								
Windows								
Aluminum	100%			2049	* *	5	$32,400	
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$22,200	
Metal Panel	20%			2043	* *	5	$3,100	
Roof								
Built-Up (BUR)	100%	2-4	$1,194,400	2043	* *			
Alligatoring, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 15%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Lower Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Expansion Joint								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%	Now	$47,200	LIFE	* *	5	$24,300	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Home Economic Room								
Explanation : Slab Sinking								
Ceramic Tile	5%	4+	$31,300	2042	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Vinyl Tile	85%	Now	$52,100	2038	* *	3	$35,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Entry Vestibule On West Side Of Building								
Interior Walls								
Concrete Masonry Unit	5%	4+	$27,300	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Corridor By Waste Storage Room								
Gypsum Board	47%			LIFE	* *	5-10	$232,300	
Metal Panel	48%			LIFE	* *	10	$62,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI (OLD 124X)

Asset # : 1449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	90%	4+	$331,900	2046	* *	5	$49,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Hallways And Classrooms								
Exposed Struc: Steel	10%			LIFE	* *	10	$22,200	
Site Enclosure								
Fence/Gates								
Iron Picket	75%			2068	* *			
Under Construction	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : East End Of Site								
Explanation : New Building Addition								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Liquid Filled	100%			2031	$26,700	5	$300	
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Fused Disconnect Switch In The Switchboard And Rated At 2,000 And 1,000 Amperes								
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Molded Case Bkrs	100%			2032	$139,700	5	$1,400	
Wiring								
Thermoplastic	100%			2033	$199,600	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gasoline Meter Room								
Explanation : Connected With Main Water Pipe								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI (OLD 124X)

Asset # : 1449

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2038	* *	10	$9,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	80%			2041	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms And Gymnasium								
Explanation : Led Light								
Egress Lighting								
Exit, Service	50%			2028	$11,600	1		
Exit, Battery	50%			2028	$38,300	10	$1,800	
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$101,400	1	$20,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$33,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2053	* *	5	$16,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 4,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$53,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$43,200	2053	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI (OLD 124X)

Asset # : 1449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	100%	Now	$101,600	2033	$1,016,200	1	$30,100	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Basement								
Explanation : Blowers Heating Coil Leaks								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Air Cooled interior Pkg Unit	100%			2034	* *	2	$3,300	
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2	$70,300	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2028	$838,200	1	$26,700	
No Component	20%							
Heat Rejection								
Evaporative Condenser	80%			2038	* *	2	$30,100	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$38,100	
No Component	20%							
Exhaust Fans								
Interior	50%			2028	$119,700	2	$800	
Roof	30%			2028	$31,400	2	$500	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2043	* *	1		
Galvanized Steel	60%			2038	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$189,200	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$3,200	2033	$10,800	4	$1,100	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI (OLD 124X)

Asset # : 1449

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2043	* *	1	$3,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2053	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 37 - SI MINISCHOOL - (OLD P. S. 32)**
Address : **110 SHAFTER AVENUE @KATAN AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R843**
Program / Asset # : **BOE0922.010 / 1428**
Yr Built/Renovated : **1973 / 2001**
Area Sq Ft : **9,000**
Project Type : **EDUCATION**
Date of Survey : **24-Dec-2021**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **4630** **Lot** : **13** **BIN** : **5062576**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$82,600	$80,000
Electrical		$136,700
Mechanical	$106,200	$488,600
Total	**$188,800**	**$705,200**
Importance Code A	$82,600	$80,000
Importance Code B	$106,200	$625,200
Total	**$188,800**	**$705,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,200			
Interior Architecture	$14,800		$2,400	
Electrical	$1,000	$800	$1,000	$1,000
Mechanical	$6,400	$2,800	$4,900	$2,800
Site Enclosure	$4,200			
Site Pavements	$600			
Total	**$35,200**	**$3,600**	**$8,300**	**$3,700**
Importance Code A	$8,200	$800		$800
Importance Code B	$13,500	$2,800	$7,900	$2,900
Importance Code C	$13,500		$300	
Total	**$35,200**	**$3,600**	**$8,300**	**$3,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 37 - SI MINISCHOOL - (OLD P. S. 32)
Asset # : 1428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2043	* *	5-10	$109,900	
Windows								
Aluminum	100%	Now	$82,600	2058	* *	5	$900	1
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$8,200	2038	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Gutter On East Side Of Building								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%								
Location : Northeast And Northwest Corners Of Building								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Inside Gutter At Northeast Corner Of Building								
Soffits								
Metal Panel	100%			2053	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$1,800	
Ceramic Tile	7%			2036	* *	5	$1,000	
Vinyl Tile	90%			2038	* *	3	$4,600	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$700	
Concrete Masonry Unit	50%			LIFE	* *	5	$9,000	
Metal Panel	47%			LIFE	* *	10	$4,800	
Ceilings								
AcousTileSusp.Lay-In	98%	Now	$4,300	2046	* *	5	$6,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%			LIFE	* *	5	$700	
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$4,200	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : South Side Of Building And By Parking Area								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 37 - SI MINISCHOOL - (OLD P. S. 32)
Asset # : 1428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	80%			2036	* *			
Cast in Place Concrete	10%			2038	* *			
Pavers/Stone	10%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	50%	4+	$600	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	50%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$65,000	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Switchboard Bus Bar Rated At 626 Amperes								
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Molded Case Bkrs	100%			2032	$29,900	5	$200	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room And Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	20%			2038	* *	10	$1,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : New T-8 Lighting System Installed In 2016.								
LED	80%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2028	$2,800	1		
Exit, Service	50%			2028	$1,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 37 - SI MINISCHOOL - (OLD P. S. 32)
Asset # : 1428

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2028	$8,400	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2028	$8,400	1	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Introsion System								
Generic	50%			2033	$8,400	1	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
Explanation : Security Cameras System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$5,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Radiant Heater	100%			2041	* *	2	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Duct Mounted								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	100%	Now	$106,200	LIFE	* *	2-5	$5,000	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Mechanical Room								
Terminal Devices								
Air Handler	100%			2033	$169,400	1	$5,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2031	$146,600	2	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Electrical Heating Coils								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$14,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 37 - SI MINISCHOOL - (OLD P. S. 32)
Asset # : 1428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Dir Expansion	100%			2033	$172,600	1		
Heat Rejection								
Evaporative Condenser	100%			2033	$47,300	2	$6,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,900	
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 38 - BK**		
Address	: **450 PACIFIC STREET @NEVINS ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K038**
Program / Asset #	: **BOE0369.000 / 1424**	**Yr Built/Renovated**	: **1965 / 2013**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **191** **Lot** : **1**	**BIN**	: **3001183**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$112,500	$128,300
Interior Architecture	$9,074,700	$65,500
Electrical	$383,900	$551,700
Mechanical	$397,900	$2,350,600
Site Pavements	$473,700	$148,700
Total	**$10,442,700**	**$3,244,900**
Importance Code A	$188,300	$886,600
Importance Code B	$10,254,400	$2,358,300
Total	**$10,442,700**	**$3,244,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,900			$25,600
Interior Architecture	$22,600	$4,200		$25,800
Electrical	$45,500	$1,900	$2,400	$45,400
Mechanical	$47,500	$19,100	$19,600	$26,100
Site Enclosure	$56,800			
Site Pavements	$25,700			
Total	**$226,100**	**$25,200**	**$22,100**	**$122,900**
Importance Code A	$27,900	$8,600	$8,600	$34,400
Importance Code B	$130,400	$16,600	$13,400	$88,500
Importance Code C	$67,800			
Total	**$226,100**	**$25,200**	**$22,100**	**$122,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	12%	0-2	$27,900	LIFE	* *	5	$46,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Base Of Structural Columns								
Masonry: Brick Cavity	60%			LIFE	* *	5	$46,700	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Metal Panel	3%			2042	* *	5-10	$16,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Stairwells And Some Horizontal Banding								
Explanation : Decorative Metal Grilles								
Mosaic Tile	25%	Now	$112,500	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : West And South Facades At Window Openings								
Windows								
Aluminum	55%			2048	* *	5	$14,000	
Aluminum	40%			2048	* *	5	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Dean Street Elevation, Stairwells And Windows At Grade								
Explanation : Protective Metal Grilles								
Glass Block	5%			LIFE	* *	5	$800	
Parapets								
Cast in Place Concrete	65%			LIFE	* *	5	$77,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Masonry: Brick Cavity	7%			LIFE	* *	5	$800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Metal Panel	10%			2052	* *	5	$4,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Metal Rail	15%			2052	* *	5-10	$31,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Pre-Cast Concrete	3%			LIFE	* *	5	$2,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Roof								
Built-Up (BUR)	95%			2042	* *	10	$50,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Copper/Terne	5%			2047	* *	10	$6,700	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$14,300	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridors And Boiler Room								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridors And Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridors And Boiler Room								
Ceramic Tile	5%			2035	* *	5	$4,200	
Vinyl Tile	20%			2040	* *	3	$6,300	
Vinyl Tile 9" X 9"	60%	0-2	$177,900	2027	$8,896,700	3	$18,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : 2nd And 3rd Floor Classrooms And Stair Landings								
Wood	5%			2047	* *	5	$7,900	
Interior Walls								
Cast in Place Concrete	9%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	$1,300	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	1%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$10,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	24%			2037	* *	5	$25,200	
AcousTileSusp.Lay-In	7%			2037	* *	5	$5,900	
Exposed Struc: Concrete	8%			LIFE	* *	5	$1,100	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	5%			2032	$65,500			
Metal Panel	3%	Now	$8,300	LIFE	* *	5	$3,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Plaster	50%			LIFE	* *	5	$26,300	
Site Enclosure								
Fence/Gates								
Chain Link	46%	Now	$19,800	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Curbing At Play Yard Along Dean Street								
Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Play Yard Fence Along Dean Street								
Iron Picket	54%	Now	$25,300	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Curbing At Perimeter Fence At Nevins And Dean Street								
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Planter Guards And Perimeter Fence At Pacific Street								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fence								
Explanation : Construction Netting Installed								

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	69%	Now	$6,900	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard Along Pacific Street								
Masonry: Brick	31%	Now	$4,900	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Retaining Wall At Play Yard Dean Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$84,600	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Pacific Street, Nevins Street And Dean Street Sidewalks								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Dean Street								
On-Site Walkways								
Cast in Place Concrete	65%	Now	$3,600	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Trench Drain On Dean Street								
Masonry: Granite	10%	Now	$5,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Stair Landings At Play Area Walkway And At Dean Street								
Pavers/Stone	25%	Now	$14,000	2041	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 25%								
Location : Play Yard Planters								
Activity Yard								
Asphalt	5%			2035	* *			
Rubber Matting	13%	Now	$3,000	2032	$148,700			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Playground								
Traffic Topping	82%	Now	$389,100	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : At Track, Basketball Courts, Ball Field								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : At Track, Basketball Courts, Ball Field								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$159,300	5	$300	
Under Construction	30%							
Raceway								
Conduit	70%			2032	$141,200	1		
Conduit	10%			2052	* *	1		
Under Construction	20%							
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	60%			2031	$143,700	5	$1,400	
Molded Case Bkrs	10%			2048	* *	5	$200	
Under Construction	20%							
Wiring								
Braided Cloth	70%	2-4	$204,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Under Construction	20%							
Motor Controllers								
Locally Mounted	10%			2045	* *	5	$100	
Locally Mounted	90%			2030	$107,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	3%			2037	* *	10	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
Fluorescent	95%			2037	* *	10	$75,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$10,500	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	5%			2037	* *	10		
HID	25%	Now	$101,500	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$32,700	1	$6,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$44,900	2042	* *	1-3	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2042	* *	5	$27,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : In Vault								
Explanation : Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$75,800	2030	$758,300	1	$77,500	
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : Two Units, Boiler Two Purge Mode Do Not Work								
Distribution								
Steam Piping/Pump	100%			2032	$696,700			
On Extended Life, Extent : Light, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2032	$327,400	1	$10,800	
Convector/Radiator	75%	Now	$10,700	2037	* *	1	$19,000	
Controller Not Working, Extent : Severe, Area Affected : 40%								
Location : Throughout, Uneven Heat Distribution								
Fan Coil Unit/Heat	5%			2027	$107,900	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Window/Wall Unit	65%			2027	$214,200	1		
No Component	30%							

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,500	
Exhaust Fans								
Interior	40%			2032	$154,300	2	$1,100	
Roof	60%			2032	$101,300	2	$1,600	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$22,200	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main. Sprinkler Room								
Water Heater With Tanks								
Gas Fired	40%			2025	$6,800	2		
On Extended Life, Extent : Light, Area Affected : 40%								
Location : Basement								
Gas Fired	60%			2030	$10,200	2		
HW Heat Exchanger								
Steam Fired	60%	Now	$5,000	2032	$252,400	4	$5,200	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Circulation Pump								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Heat Exchanger Coil Leaks								
No Component	40%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2032	$17,400	4	$2,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$60,200	1-2	$1,200	
Chemical System								
No Component	95%							
Generic	5%			2030	$4,100	1-3	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 38 - M**		
Address	: **232 EAST 103 STREET @SECOND AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M121**
Program / Asset #	: **BOE0070.000 / 1696**	**Yr Built/Renovated**	: **1907 / 2001**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1652** **Lot** : **16**	**BIN**	: **1052384**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$278,300	$532,600
Interior Architecture	$903,200	
Electrical	$248,500	$264,800
Mechanical	$535,000	$1,304,900
Site Pavements	$151,000	
Total	**$2,116,000**	**$2,102,400**
Importance Code A	$278,300	$532,600
Importance Code B	$1,465,400	$1,569,700
Importance Code C	$372,400	
Total	**$2,116,000**	**$2,102,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,200	$200	$900	$4,000
Interior Architecture	$80,900	$3,100		$29,100
Electrical	$12,100	$2,400	$2,300	$37,300
Mechanical	$70,100	$10,000	$11,000	$42,000
Site Enclosure	$28,100			
Total	**$205,500**	**$15,600**	**$14,200**	**$112,400**
Importance Code A	$21,200	$7,200	$7,900	$11,100
Importance Code B	$115,800	$8,400	$6,300	$101,300
Importance Code C	$68,500			
Total	**$205,500**	**$15,600**	**$14,200**	**$112,400**

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$99,000	
Masonry: Brick	85%	Now	$221,600	LIFE	* *	5	$134,600	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairwell Bulkheads K/ L, E/ F								
Masonry: Limestone	3%			LIFE	* *	5	$3,600	
Metal Panel	2%	Now	$4,200	2052	* *	5	$5,900	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Stair Bulkhead								
Stucco Cement	2%			2037	* *	5	$7,900	
Windows								
Aluminum	70%	Now	$10,000	2031	$200,300	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : Various Locations. Throughout								
Aluminum	30%			2031	$98,700	5	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$300	
Metal Rail	5%			2045	* *	5-10	$300	
Pre-Cast Concrete	10%			LIFE	* *	5	$200	
Under Construction	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Gymnasium And Cafeteria Parapet Wall								
Explanation : Construction Work In Progress								
Roof								
Built-Up (BUR)	90%			2037	* *	10	$56,700	
Copper/Terne	10%			2060	* *	10	$15,700	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$10,400	LIFE	* *	5	$13,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement								
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Room 113								
Uneven Surface, Extent : Severe, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Boiler Room								
Ceramic Tile	5%			2035	* *	5	$6,100	
Terrazzo	5%	Now	$11,500	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Main Hallways Adjacent To Entry Vestibule								
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Main Hallways Adjacent To Entry Vestibule								
Vinyl Tile	70%	Now	$237,300	2037	* *	3	$32,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : 2nd And 3rd Floor Classrooms And Corridors								
Uneven Substrate, Extent : Severe, Area Affected : 50%								
Location : 2nd And 3rd Floor Classrooms And Corridors								
Vinyl Tile 9" X 9"	5%	Now	$54,200	2042	* *	3	$2,300	
Worn/Eroded, Extent : Severe, Area Affected : 15%								
Location : Classroom 311, Administrative Offices, Kitchen								
Wood	10%	Now	$219,600	2047	* *	5	$11,500	
Deflection Evident, Extent : Moderate, Area Affected : 59%								
Location : Gymnasium								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$24,300	2035	* *	5	$4,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Bathrooms Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,500	
Glass: Single Pane	3%	2-4	$16,100	LIFE	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairwell Corridors								
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	10%	Now	$168,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Oil Tank Room And Structural Columns								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Foundation Walls And Oil Tank Room								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Basement								
Marble Panels	3%			LIFE	* *			
Plaster	62%	Now	$53,300	LIFE	* *	5	$32,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stairs K/ L, E/ F								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair E, Stair Bulkheads								
SGFT/Glazed Masonry	7%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$12,300	
AcousTileConcealSpLn	15%			2037	* *	5	$23,000	
Metal Panel	3%			LIFE	* *	5	$4,600	
Metal Panel	7%	Now	$170,700	LIFE	* *	5	$10,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 25%								
Location : Gymnasium								
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Gymnasium								
Plaster	60%			LIFE	* *	5	$46,000	
Plaster	5%	Now	$18,700	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair E/ F, Stair I, Stair K/ L, Basement								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair E/ F, Stair I, Stair K/ L								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$28,100	2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Western Perimeter Fence								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$151,000	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Alleyway At 102nd Street And Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	70%			2032	$101,200	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	6%			2031	$10,800	5	$100	
Fused Disc Sw	4%			2048	* *	5	$100	
Molded Case Bkrs	60%			2031	$107,800	5	$1,100	
Molded Case Bkrs	30%			2048	* *	5	$600	
Wiring								
Braided Cloth	60%	2-4	$119,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Thermoplastic	10%			2032	$20,000	1		
Motor Controllers								
Locally Mounted	70%			2045	* *	5	$300	
Locally Mounted	30%			2030	$35,800	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$62,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$8,600	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$66,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$26,700	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	50%			2052	* *	1		
Interruptible Gas/Dual Fuel	50%	0-2	$81,500	2062	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement.								
Explanation : Gas Services To The Boiler Has Been Shut Down Due To Low Gas Pressure. Units Only Operate On Fuel								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$70,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$28,400	2032	$568,600			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump And Refeed Tank, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2027	$267,200	1	$8,800	
Convector/Radiator	80%	0-2	$23,200	2030	$464,500	1	$16,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2025	$107,600	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$7,900	
No Component	80%							
Exhaust Fans								
Interior	25%			2027	$78,700	2	$500	
Roof	10%			2037	* *	2	$200	
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%	0-2	$5,400	2030	$271,900	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 10%								
Location : Rusted And Leaking, Basement								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement.								
Explanation : Water Heater Under Construction								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up When It Rains.								
Sump Pump(s)								
Non-Submersible	100%			2027	$14,200	4	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$49,100	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 38 - Q**		
Address	: **135-21 241 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q038**
Program / Asset #	: **BOE0699.000 / 2270**	**Yr Built/Renovated**	: **1926 / 2006**
Area Sq Ft	: **30,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Ph**		
Block	: **13222** **Lot** : **1**	**BIN**	: **4284236**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$343,900	$70,500
Interior Architecture	$4,710,200	$727,300
Electrical		$834,600
Mechanical	$52,300	$585,200
Site Pavements	$184,600	
Total	**$5,291,000**	**$2,217,700**
Importance Code A	$396,200	$70,500
Importance Code B	$4,831,100	$2,147,200
Importance Code C	$63,700	
Total	**$5,291,000**	**$2,217,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$41,700			
Interior Architecture	$73,400		$1,600	$8,500
Electrical	$61,100	$2,800	$3,000	$3,600
Mechanical	$38,400	$10,300	$7,200	$6,400
Site Enclosure	$1,800			
Total	**$216,400**	**$13,100**	**$11,800**	**$18,500**
Importance Code A	$41,700	$3,000	$3,000	$3,000
Importance Code B	$165,800	$10,100	$8,900	$13,700
Importance Code C	$8,900			$1,900
Total	**$216,400**	**$13,100**	**$11,800**	**$18,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$62,600	
Masonry: Brick	88%	Now	$290,300	LIFE	* *	5	$70,500	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement At Exit 4, Lunchroom, Toilet Room B6								
Masonry: Limestone	2%			LIFE	* *	5	$2,400	
Masonry: Marble	5%			LIFE	* *	5	$6,000	
Windows								
Aluminum	100%	4+	$53,600	2049	* *	5	$11,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Parapets								
Masonry: Brick	10%			LIFE	* *	5-10	$7,300	
Metal Cornice	90%			2048	* *	10	$31,000	
Roof								
Asphalt Shingle	85%			2042	* *	10	$4,300	
Built-Up (BUR)	10%			2033	$35,400	10	$3,000	
Copper/Terne	5%			2061	* *	10	$3,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,400	
Ceramic Tile	5%			2036	* *	5	$3,300	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Toilet Rooms In Classrooms 158, 104, Kitchen								
Vinyl Tile	40%			2033	$727,300	3	$13,200	
Vinyl Tile 9" X 9"	40%	0-2	$4,646,500	2043	* *	3	$9,900	
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	10%			2068	* *	5	$12,300	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$3,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Masonry: Brick	10%			LIFE	* *	10	$2,200	
Marble Panels	5%			LIFE	* *	10	$1,500	
Plaster	70%	Now	$63,700	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Room B12, Stair B At 1st Floor								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$20,600	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$16,500	
Metal Panel	5%	4+	$5,500	LIFE	* *	5	$4,100	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	50%			LIFE	* *	5-10	$56,600	
Site Enclosure								
Fence/Gates								
Chain Link	90%			2053	* *			
Iron Picket	10%	4+	$1,800	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 241st Street And 135th Avenue								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$58,700	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 241st Street								
On-Site Walkways								
Asphalt	5%			2042	* *			
Cast in Place Concrete	93%			2046	* *			
Masonry: Granite	2%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
Explanation : Marble Steps								
Activity Yard								
Asphalt	95%	0-2	$125,900	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$130,000	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2033	$49,000	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5		
Fused Disc Sw	5%			2032	$5,000	5		
Molded Case Bkrs	60%			2032	$59,900	5	$500	
Molded Case Bkrs	30%			2041	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$46,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2043	* *	1		
Thermoplastic	10%			2033	$7,700	1		
Motor Controllers								
Locally Mounted	40%			2038	* *	5	$100	
Locally Mounted	60%			2031	$43,000	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$400	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$447,200	10	$27,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	48%			2033	$24,200	10	$3,500	
Emergency, Battery	2%	Now	$1,000	2043	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Electrical Room And Cafeteria								
Exit, Service	50%			2033	$6,500	1		
Exterior Lighting								
HID	20%			2033	$28,000	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2028	$28,200	1	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	50%			2038	* *	1	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$77,400	1-3	$19,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium, Basement								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns, Strobe Lights And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$52,300	2038	* *	1	$26,700	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Basement. One Boiler Is Not Working. Defective Blowback								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$12,000	2033	$240,200			
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Vacuum Pump, Basement								
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Refill Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Convector/Radiator	80%			2031	$196,300	1	$7,800	
Fan Coil Unit/Heat	20%			2028	$148,800	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2028	$11,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$7,900	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%	0-2	$20,000	2033	$39,900	2	$200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen. No Ventilation In Kitchen								
Explanation : Kitchen Does Not Have Good Ventilation System								
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$6,000	4	$1,000	
Sewage Ejector(s)								
Electric	100%			2033	$15,700	4	$1,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$12,400	1-2	$300	
Chemical System								
Generic	100%			2031	$36,700	1-3	$33,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression 9 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 38 - SI**		
Address	: **421 LINCOLN AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R038**
Program / Asset #	: **BOE0926.000 / 4429**	**Yr Built/Renovated**	: **1956 / 2007**
Area Sq Ft	: **17,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3732** **Lot** : **6**	**BIN**	: **5054213**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$106,800	$466,800
Interior Architecture	$99,700	
Electrical		$433,400
Mechanical		$148,200
Total	**$206,400**	**$1,048,400**
Importance Code A	$106,800	$614,900
Importance Code B		$433,400
Importance Code C	$99,700	
Total	**$206,400**	**$1,048,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$62,600		$48,900	
Interior Architecture	$69,500		$3,100	
Electrical	$4,200	$1,600	$1,600	$2,100
Mechanical	$42,100	$3,900	$3,800	$6,100
Site Pavements	$17,300			
Total	**$195,800**	**$5,500**	**$57,400**	**$8,300**
Importance Code A	$64,300	$1,700	$50,600	$1,700
Importance Code B	$98,700	$3,800	$6,900	$6,600
Importance Code C	$32,700			
Total	**$195,800**	**$5,500**	**$57,400**	**$8,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI

Asset # : 4429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$20,300	
Masonry: Brick	60%	Now	$106,800	LIFE	* *	5	$25,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : South Elevation								
Stucco Cement	35%			2038	* *	5	$37,800	
Windows								
Aluminum	100%			2049	* *	5	$3,600	
Roof								
Built-Up (BUR)	60%	0-2	$46,700	2033	$466,800			
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Over Cafeteria								
Metal Panel	40%			2046	* *	10	$48,900	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$8,100	
Interior								
Floors								
Ceramic Tile	5%	4+	$1,500	2042	* *	5	$700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Toilets Throughout								
Vinyl Tile	95%			2038	* *	3	$9,400	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Corridors								
Interior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	$28,000	
Folding Partition	2%			2049	* *	5	$2,900	
SGFT/Glazed Masonry	38%	0-2	$99,700	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout								
Ceilings								
AcousTile,Adhered	35%	Now	$29,800	2046	* *	5	$4,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Exposed Struc: Concrete	30%			LIFE	* *	5-10	$9,900	
Plaster	35%	2-4	$14,100	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2053	* *			
Iron Picket	20%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI

Asset # : 4429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$17,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Steps And Entrance Walkways								
Activity Yard								
Asphalt	50%			2036	* *			
Rubber Matting	50%			2038	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Play Yard Area								
Explanation : Open Seams								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$13,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2033	$1,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electriacl Room								
Explanation : One 100 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$108,400	5	$100	
Raceway								
Conduit	100%			2033	$25,700	1		
Panelboards								
Fused Disc Sw	10%			2032	$4,000	5		
Molded Case Bkrs	90%			2032	$35,900	5	$400	
Wiring								
Thermoplastic	100%			2033	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$253,400	10	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI

Asset # : 4429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	$14,300	10	$2,100	
Exit, Service	50%			2028	$3,700	1		
Exterior Lighting								
HID	20%			2028	$15,900	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Generic	50%			2033	$16,000	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Surveillance Cameras System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$43,900	1-3	$10,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : 1 Tank 5,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2031	$148,200	1	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Steam Boiler								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$800	
Terminal Devices								
Convector/Radiator	80%	Now	$22,200	2038	* *	1	$4,000	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : Steam Traps Faulty								
Unit Heater - Steam	20%			2033	$19,300	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI

Asset # : 4429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%	Now	$3,900	2028	$19,300	1		
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 9 Of 30 Units. Miscellaneous Defects With Window Units								
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Sanitary Piping								
Cast Iron	100%	Now	$10,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Chemical System								
Generic	100%			2028	$24,500	1-3	$24,300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression System. Dimension 2 Feet X 3 Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 38 - SI MINISCHOOL**		
Address	: **421 LINCOLN AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R838**
Program / Asset #	: **BOE0926.010 / 1432**	**Yr Built/Renovated**	: **1970 / 2013**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3732** **Lot** : **6**	**BIN**	: **5054213**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$146,300	
Electrical		$250,500
Mechanical	$354,000	$195,500
Site Pavements	$60,600	$143,200
Total	**$560,800**	**$589,300**
Importance Code A	$146,300	
Importance Code B	$414,600	$589,300
Total	**$560,800**	**$589,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,400			
Interior Architecture	$36,800		$1,900	$400
Electrical	$1,500	$1,100	$1,200	$1,500
Mechanical	$26,900	$800	$2,500	$800
Site Pavements	$7,100			
Total	**$109,700**	**$1,900**	**$5,500**	**$2,700**
Importance Code A	$38,000	$600	$600	$600
Importance Code B	$53,600	$1,300	$4,900	$2,100
Importance Code C	$18,100			
Total	**$109,700**	**$1,900**	**$5,500**	**$2,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI MINISCHOOL

Asset # : 1432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$9,100	
Metal Panel	95%	Now	$57,100	2053	* *	5	$32,300	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : All Four Corners								
Explanation : Openings At Lower Edge Allowing Squirrels To Enter Building								
Windows								
Aluminum	100%	Now	$89,200	2058	* *	5	$900	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 35%								
Location : Classrooms								
Roof								
Metal, Corrugated	100%	Now	$29,100	2046	* *	1		
Drains Inad/Misposn, Extent : Light, Area Affected : 100%								
Location : All Drains								
Gut/DS Non Func/Miss, Extent : Light, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Corridor								
Soffits								
Metal Panel	100%	Now	$3,800	2043	* *	5	$5,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : North Side								
Interior								
Floors								
Ceramic Tile	5%			2042	* *	5	$800	
Vinyl Tile	95%			2038	* *	3	$5,700	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$10,400	
Metal Panel	50%			LIFE	* *	10	$5,900	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$25,700	2038	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$7,100	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Steps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI MINISCHOOL

Asset # : 1432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	50%	Now	$60,600	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Play Area Near Back Of Tcu's								
Rubber Matting	50%			2033	$143,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Four 200 Ampere Main Disconnect Switches, One For Lighting, One For Power And Two For HVAC								
Raceway								
Conduit	100%			2033	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,000	5		
Molded Case Bkrs	95%			2032	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2033	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$178,900	10	$11,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$10,100	10	$1,400	
Exit, Service	50%			2033	$2,600	1		
Exterior Lighting								
HID	20%			2028	$11,200	10		
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI MINISCHOOL

Asset # : 1432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2033	$11,300	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Surveillance Cameras System								
Generic	50%			2038	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$31,000	1-3	$7,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2033	$37,300	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	100%	0-2	$354,000	LIFE	* *	2-5	$6,700	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Various Locations. Defective Thermostat								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2031	$195,500	2	$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$26,400	LIFE	* *	2-5	$6,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : First Floor Mechanical Room. Deteriorated Fresh Air Intake Dampers								
Exhaust Fans								
Interior	80%			2033	$42,600	2	$300	
Roof	20%			2033	$4,700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI MINISCHOOL

Asset # : 1432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 39 - BK**		
Address	: **417 6TH AVENUE @8TH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K039**
Program / Asset #	: **BOE0370.000 / 2755**	**Yr Built/Renovated**	: **1877 / 2011**
Area Sq Ft	: **26,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2020**	**Landmark Status**	: **INTERIOR & EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Floors 1,2,3**		
Block	: **1000** **Lot** : **1**	**BIN**	: **3021932**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$95,700
Interior Architecture	$62,800	
Mechanical	$194,600	
Site Pavements		$100,900
Total	**$257,400**	**$196,600**
Importance Code A		$95,700
Importance Code B	$194,600	$100,900
Importance Code C	$62,800	
Total	**$257,400**	**$196,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$25,400	$4,700
Interior Architecture	$49,500	$1,700		$2,400
Electrical	$17,800	$500	$53,700	$800
Mechanical	$28,400	$3,500	$3,800	$4,400
Site Enclosure	$1,700			
Site Pavements	$9,800			
Total	**$107,200**	**$5,700**	**$82,900**	**$12,200**
Importance Code A	$5,000	$2,600	$28,000	$7,200
Importance Code B	$77,700	$2,200	$54,800	$5,000
Importance Code C	$24,600	$900		
Total	**$107,200**	**$5,700**	**$82,900**	**$12,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - BK

Asset # : 2755

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$95,700	
Masonry: Brownstone	10%			LIFE	* *	5	$8,200	
Recent Repair Evident, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Metal Panel	2%			2051	* *	5-10	$14,900	
Windows								
Aluminum	100%			2047	* *	5	$9,300	
Parapets								
Metal Cornice	100%			2046	* *	10	$21,300	
Roof								
Asphalt Shingle	100%			2040	* *	10	$3,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$3,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Mechanical Room								
Ceramic Tile	5%			2040	* *	5	$1,700	
Vinyl Tile	55%			2036	* *	3	$9,500	
Wood	35%	2-4	$15,700	2046	* *	5	$11,300	
Ridging, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2040	* *	5	$1,800	
Masonry: Brick	10%	Now	$24,600	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Basement Adjacent To Cafeteria								
Plaster	80%	Now	$62,800	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Rooms 306, 307 And Other Areas Throughout								
Wood	7%			LIFE	* *	5	$16,500	
Ceilings								
Embossed Metal	94%			LIFE	* *	5	$14,500	
Gypsum Board	1%	Now	$4,000	LIFE	* *	5	$400	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Adjacent Boiler Room								
Plaster	5%	Now	$2,900	LIFE	* *	5	$1,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Stair Hall								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - BK

Asset # : 2755

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	75%	0-2	$1,700	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Schoolyard								
Masonry: Brick	25%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$9,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Cast in Place Concrete	15%			2044	* *			
Rubber Matting	85%			2031	$100,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$100	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$700	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$23,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - BK

Asset # : 2755

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	5%			2036	* *	1		
Emergency, Battery	45%			2036	* *	10	$2,800	
Exit, Battery	50%			2036	* *	10	$900	
Exterior Lighting								
HID	13%	Now	$17,300	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Fifteen Light Fixtures Are Not Operational Around Building Perimeter								
HID	87%			2036	* *	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$10,700	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$14,700	1-3	$3,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Oil Tanks 1,500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$5,000	2048	* *	1	$23,200	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Fresh Air Intake Actuator For Boiler No.1 In Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boiler Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2051	* *	4	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : Float And Thermostatic Steam Traps Replaced In 2014								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - BK

Asset # : 2755

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%	Now	$23,300	2036	* *	1	$7,600	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2026	$80,900	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$1,400	
No Component	90%							
Exhaust Fans								
Interior	90%			2026	$113,700	2	$700	
Wall Unit	10%			2031	$1,200	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2057	* *	1		
Galvanized Steel	75%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Water Mains Exist								
Water Heater With Tanks								
Gas Fired	100%			2029	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Electric Water Heater Installed In 2015; Gas-fired Domestic Water Heater Installed In 2010								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Piping Installed Outside Of School Below Ground 5 Years Ago								
Sump Pump(s)								
Non-Submersible	100%			2031	$5,700	4	$600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2051	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 39 - SI**
Address : **71 SAND LANE MACFARLAND AVE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0927.000 / 1433**
Area Sq Ft : **43,000**
Date of Survey : **23-Feb-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3097** **Lot** : **14**
Agency's Number : **R039**
Yr Built/Renovated : **1925 / 2001**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5045488**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$79,200	$532,700
Interior Architecture	$118,500	
Electrical	$68,600	$794,600
Mechanical	$505,000	$1,700,700
Site Enclosure	$80,400	
Total	**$851,700**	**$3,028,000**
Importance Code A	$79,200	$532,700
Importance Code B	$654,000	$2,495,300
Importance Code C	$118,500	
Total	**$851,700**	**$3,028,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$90,400			
Interior Architecture	$117,400	$300	$9,600	
Electrical	$38,000	$4,000	$4,700	$4,800
Mechanical	$72,100	$7,700	$9,900	$7,300
Site Enclosure	$3,700			
Total	**$321,600**	**$12,000**	**$24,100**	**$12,100**
Importance Code A	$94,700	$4,300	$4,300	$4,300
Importance Code B	$192,500	$7,700	$19,900	$7,800
Importance Code C	$34,400			
Total	**$321,600**	**$12,000**	**$24,100**	**$12,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	$8,800	LIFE	* *	5	$34,400	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Cast Stone Fascia At Southeast Corner Of Building								
Masonry: Brick	90%			LIFE	* *	5	$158,400	
Masonry: Granite	3%			LIFE	* *	5	$4,000	
Stucco Cement	2%	2-4	$10,000	2038	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair And Mechanical Bulkheads On Roof								
Windows								
Aluminum	100%			2049	* *	5	$9,400	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$42,500	
Masonry: Brick	90%	4+	$34,100	LIFE	* *	5	$13,500	
Miss/Damaged Flashings, Extent : Light, Area Affected : 1%								
Location : Main Roof Area								
Roof								
Built-Up (BUR)	100%			2033	$453,500	10	$38,900	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Lower One Story Roofs								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Classroom 309								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,900	
Ceramic Tile	5%			2036	* *	5	$3,400	
Marble Panels	5%			LIFE	* *	5	$5,100	
Quarry Tile	2%			2046	* *	5	$2,000	
Vinyl Tile	40%			2038	* *	3	$10,200	
Vinyl Tile	3%			2043	* *	3	$800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Room 214								
Wood	35%	Now	$28,500	2048	* *	5	$22,400	
Dry Rot/Decay, Extent : Light, Area Affected : 1%								
Location : Room 309								
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Room 309								

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$67,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Basement Areas								
Concrete Masonry Unit	10%			LIFE	* *	5	$14,100	
Gypsum Board	5%			LIFE	* *	5-10	$15,000	
Masonry: Brick	10%			LIFE	* *	10	$5,300	
Metal: Cage/Fence	2%			LIFE	* *	10	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs								
Explanation : This Is A Metal And Glass Safety Cage								
Marble Panels	5%			LIFE	* *	10	$3,500	
Plaster	53%			LIFE	* *	5-10	$79,500	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$4,400	
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$6,800	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$8,500	
Plaster	80%	Now	$33,200	LIFE	* *	5	$34,100	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Room 309								
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Room 309								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2053	* *			
Iron Picket	35%	4+	$3,700	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$80,400	2068	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : East Side Of Building By Driveway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Pavers/Stone	5%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Entry Steps								
Explanation : These Steps Are Actually Marble								
Parking/Driveway								
Asphalt	65%			2042	* *			
Cast in Place Concrete	35%			2038	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : Used As Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	90%			2033	$72,900	1		
Conduit	10%			2053	* *	1		
Panelboards								
Molded Case Bkrs	5%			2049	* *	5	$100	
Molded Case Bkrs	95%			2041	* *	5	$1,100	
Wiring								
Braided Cloth	65%	2-4	$68,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2043	* *	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$641,000	10	$39,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : T-8 Lamps.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2028	$10,600	1		
Emergency, Battery	10%			2028	$7,200	10	$1,000	
Exit, Battery	50%			2028	$30,500	10	$1,500	
Exterior Lighting								
LED	25%			2041	* *			
No Component	75%							
Alarm								
Security System								
Generic	50%			2033	$40,400	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior And Exterior								
Explanation : Cameras Security System								
Generic	50%			2028	$40,400	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%	0-2	$33,300	2038	* *	1-3	$24,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Panel At The Main Entrance								
Explanation : There Are Troubles Beyond Repair, Existing Fire Department And Building Department Violations.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$42,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	65%	0-2	$78,600	2033	$785,900	4	$1,400	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Condensate Pump								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of Building, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Steam Piping/Pump	35%			2043	* *			
Terminal Devices								
Convector/Radiator	40%			2031	$140,600	1	$5,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Old Wing Of The Building. The Radiators Are Beyond Their Useful Life Cycle Limit								
Convector/Radiator	15%	0-2	$5,300	2038	* *	1	$1,900	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : New Wing Of The Building. Building Management System Has Not Worked Since 2001								
Convector/Radiator	5%	Now	$17,600	2053	* *	1	$600	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Stairwells								
Fan Coil Unit/Heat	40%	2-4	$426,400	2043	* *	1	$5,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Unit Ventilators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$97,700	1		
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2033	$75,100	1	$4,000	
No Component	85%							
Heat Rejection								
Dry Cooler	15%			2033	$17,800	2	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-22								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,000	
Exhaust Fans								
Interior	85%			2028	$162,100	2	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Interior Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Roof	15%			2033	$12,500	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galvanized Steel	80%	Now	$22,000	2031	$439,200	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Hot And Cold Domestic Water Piping Are Beyond Their Useful Life Cycle Limit								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Sanitary Piping Is Beyond Its Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%	Now	$7,600	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Sanitary Piping Is Beyond Its Useful Life Cycle Limit								
Sump Pump(s)								
Non-Submersible	100%			2033	$8,600	4	$1,400	
Backflow Preventer								
Generic	100%			2033	$19,200	1	$2,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 40 - BK**		
Address	: **265 RALPH AVENUE BTWN: MARION ST. - SUMPTER ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K040**
Program / Asset #	: **BOE0371.000 / 1425**	**Yr Built/Renovated**	: **1965 / 2010**
Area Sq Ft	: **101,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1518** **Lot** : **1**	**BIN**	: **3041214**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$751,400	$1,183,400
Interior Architecture	$14,297,900	$182,600
Electrical	$636,100	$774,900
Mechanical	$548,100	$3,532,500
Total	**$16,233,500**	**$5,673,500**
Importance Code A	$751,400	$2,115,100
Importance Code B	$15,389,800	$3,558,400
Importance Code C	$92,300	
Total	**$16,233,500**	**$5,673,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,000		$8,400	
Interior Architecture	$57,900	$6,500		$14,000
Electrical	$2,900	$2,400	$36,000	$1,200
Mechanical	$76,100	$16,200	$57,200	$16,200
Site Enclosure	$5,800			
Site Pavements	$4,300			
Total	**$174,900**	**$25,100**	**$101,500**	**$31,400**
Importance Code A	$72,100	$10,000	$18,600	$10,000
Importance Code B	$97,100	$10,900	$82,900	$21,400
Importance Code C	$5,800	$4,100		
Total	**$174,900**	**$25,100**	**$101,500**	**$31,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	$675,400	LIFE	* *	5	$82,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 35%								
Location : 1st Floor Street Facing Walls								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Above 3rd Floor Windows								
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : Side Courtyards								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Building Corners And Playground Side								
Masonry: Granite	2%			LIFE	* *	5	$1,300	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$1,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Window Lintels								
Windows								
Aluminum	100%	Now	$28,000	2047	* *	5	$14,700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Facing Ralph Avenue								
Parapets								
Masonry: Brick	85%	0-2	$76,000	LIFE	* *	5	$12,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$2,700	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Transverse Joints								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Repairs in Progress, Extent : N/A, Area Affected : 30%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Coping Stone								
Roof								
Built-Up (BUR)	95%			2031	$1,014,500	10	$86,900	
Debris on Roof, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof Over Gymnasium								
Repairs in Progress, Extent : N/A, Area Affected : 30%								
Location : West Side Of Building								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Leaking Roof Drain Over Gymnasium								
Metal Panel	5%			2036	* *	10	$8,400	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$51,200	
Ceramic Tile	3%			2040	* *	5	$4,700	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sheet Vinyl/Rubber	3%	Now	$61,200	2036	* *	5	$3,500	
Seams Open/Split, Extent : Moderate, Area Affected : 30%								
Location : Perimeter Edges - Gymnasium								
Terrazzo	5%	0-2	$14,600	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Steps, Throughout								
Vinyl Tile	22%			2036	* *	3	$17,200	
Vinyl Tile 9" X 9"	50%	Now	$275,400	2026	$13,768,600	3	$29,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Locations Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	2%	2-4	$18,600	2059	* *	5	$2,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stage								
Interior Walls								
Ceramic Tile	6%			2040	* *	5	$8,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,500	
Glazed Ceramic Panel	2%			LIFE	* *			
Masonry: Brick	2%			LIFE	* *			
Plaster	55%	0-2	$92,300	LIFE	* *	5	$22,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium And Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	0-2	$10,000	2036	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	20%	Now	$100,300	2044	* *	5	$19,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Kitchen								
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,200	
Fiber Board	3%			2031	$73,000			
Metal Panel	2%	4+	$10,300	LIFE	* *	5	$3,900	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout Kitchen								
Plaster	60%			LIFE	* *	5	$58,500	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Iron Picket	40%	2-4	$5,800	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Marion Street Facing Rear Activity Yard								
Explanation : Staining On Wall From Activity Yard Runoff								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Marion Street Side								
Explanation : Dumpster Area Used As Parking								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	95%	0-2	$4,300	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$260,100	5	$400	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	28%			2030	$67,100	5	$700	
Molded Case Bkrs	70%			2030	$167,600	5	$1,900	
Molded Case Bkrs	2%			2047	* *	5	$100	
Wiring								
Braided Cloth	98%	2-4	$335,000	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	2%			2051	* *	1		
Motor Controllers								
Locally Mounted	98%			2029	$177,800	5	$700	
Locally Mounted	2%	Now	$1,500	2036	* *	5		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Condensate Return Control Wiring Is Malfunctioning								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	55%			2039	* *	10	$50,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	5%	0-2	$70,000	2041	* *	2	$100	
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
LED	40%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Corridors And Stairwells								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$84,800	10	$12,200	
Exit, Service	50%			2026	$21,800	1		
Exterior Lighting								
HID	20%			2026	$94,300	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Photocell And Timer								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$52,100	1-3	$12,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$31,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks, Fuel Source Was Recently Converted From No.6 Oil To No.4								
Conversion Equipment								
Steam Boiler	100%	Now	$44,000	2029	$880,300	1	$90,000	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Boiler Water Feed Controller Malfunction - Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$16,200	2031	$808,800			
Broken, Extent : Moderate, Area Affected : 50%								
Location : One Of Vacuum Pump Broken - Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$380,100	1	$12,500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Rooms								
Convector/Radiator	80%			2036	* *	1	$26,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Various								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Various								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2039	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Auditorium And Main Distribution Frame Room								
Explanation : 7 In Auditorium Still In Construction								
1 In Main Distribution Frame Room								
Window/Wall Unit	90%			2029	$344,400	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,300	
Exhaust Fans								
Interior	20%			2026	$89,600	2	$600	
Broken, Extent : Severe, Area Affected : 5%								
Location : Basement Mechanical Equipment Room Exhaust Fan								
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Rooms								
Roof	80%	Now	$78,400	2031	$156,800	2	$2,000	
Broken, Extent : Severe, Area Affected : 50%								
Location : 5 Out 12 Fans In Roof Not Working								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,289,400	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Main Water Valve In Basement								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Main Pipe In Basement								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$7,100	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Leaking In Fitting, Gymnasium								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%	0-2	$2,600	2031	$52,900	4	$4,000	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Backflow Preventer								
No Component	90%							
Generic	10%			2036	* *	1	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$2,800	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Fire Pump								
Generic	100%			2034	* *	1	$18,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Fire Pump Serves Existing Sprinkler System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 40 - M**		
Address	: **319 EAST 19 STREET @ 2ND AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M040**
Program / Asset #	: **BOE0021.000 / 1662**	**Yr Built/Renovated**	: **1899 / 2013**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **925** **Lot** : **12**	**BIN**	: **1020513**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,327,500	$431,900
Interior Architecture	$384,400	$7,587,200
Electrical	$437,500	$353,600
Mechanical	$451,500	$1,129,600
Total	**$2,600,900**	**$9,502,200**
Importance Code A	$1,327,500	$431,900
Importance Code B	$1,273,400	$9,070,400
Total	**$2,600,900**	**$9,502,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,700	$4,800		$47,700
Interior Architecture	$69,600	$14,000	$8,900	$16,900
Electrical	$43,400	$3,200	$2,900	$32,000
Mechanical	$104,700	$3,800	$14,200	$3,800
Site Pavements	$7,700			
Total	**$249,100**	**$25,700**	**$26,000**	**$100,400**
Importance Code A	$23,700	$4,800	$2,800	$47,900
Importance Code B	$213,400	$17,600	$23,200	$52,500
Importance Code C	$12,100	$3,300		
Total	**$249,100**	**$25,700**	**$26,000**	**$100,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	30%	Now	$179,600	LIFE	* *	5	$282,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Window Surrounds								
Copper/Terne	5%			2067	* *	10	$14,100	
Masonry: Brick	55%			LIFE	* *	5	$66,200	
Masonry: Granite	5%			LIFE	* *	5	$4,500	
Stucco Cement	5%	Now	$17,000	2037	* *	5	$7,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 9th Street Play Yard								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 9th Street Facade At Play Yard								
Windows								
Aluminum	100%	Now	$1,147,900	2048	* *	5	$20,100	
Air Infiltration, Extent : Severe, Area Affected : 60%								
Location : Various Locations Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Various Locations Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 80%								
Location : Classrooms								
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : Various Locations Throughout								
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Staircase C At Bulkhead								
Explanation : Missing Window Unit								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$16,300	
Copper/Terne	5%			2067	* *	5	$5,100	
Masonry: Brick	80%			LIFE	* *	5	$16,900	
Metal: Cage/Fence	5%			2045	* *	5-10	$8,200	
Roof								
Built-Up (BUR)	15%			2032	$83,500	10	$7,200	
Modified Bitumen	65%			2037	* *	10	$31,000	
Paver: Asphalt	10%			2041	* *	10	$7,200	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Explanation : Rubber Matting For Rooftop Play Area								
Slate	10%	Now	$6,600	LIFE	* *			
Loose Units, Extent : Severe, Area Affected : 10%								
Location : 20th Street Main Entrance 1899 Building								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$24,200	LIFE	* *	5	$31,100	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Of 1925 Wing. Electrical Room								
Ceramic Tile	5%			2041	* *	5	$7,100	
Mosaic Tile	5%			2037	* *	5	$17,800	
Vinyl Tile	45%	2-4	$35,400	2037	* *	3	$24,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Corridor								
Vinyl Tile 9" X 9"	30%			2032	$7,533,900	3	$16,000	
Wood	5%	Now	$254,600	2072	* *	5	$6,700	
Deflection Evident, Extent : Severe, Area Affected : 30%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%	Now	$10,000	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Of 1925 Wing. Electrical Room								
Ceramic Tile	5%			2035	* *	5	$6,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,300	
Masonry: Brick	10%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$21,800	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	15%			2045	* *	5	$21,300	
Exposed Struc: Concrete	25%			LIFE	* *	5	$5,600	
Plaster	60%	2-4	$129,800	LIFE	* *	5	$53,400	
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Science Room 501								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$5,700	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 20th Street								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : 20th Street								
Explanation : Sidewalk Hatch Door Broken								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,000	2037	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Into Basement Storage Room								
Explanation : Water Penetration								
Activity Yard								
Pavers/Stone	30%			2041	* *			
Rubber Matting	60%			2037	* *			
No Component	10%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2042	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2032	$9,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : One 400 Ampere Main Disconnect Switch For Air Condition								
Switchgear / Switchboard								
Fused Disc Sw	60%			2042	* *	5	$200	
Fused Knife Sw	40%	2-4	$91,000	2062	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 2 Basement								
Raceway								
Conduit	60%			2032	$121,100	1		
Conduit	40%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Knife Sw	5%	0-2	$12,000	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	10%	2-4	$24,000	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 4th Floor								
Molded Case Bkrs	30%			2048	* *	5	$800	
Molded Case Bkrs	45%			2031	$107,800	5	$1,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$175,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Thermoplastic	10%			2032	$29,200	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$500	
Variable Frequency Drive	20%			2045	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$700	
Generic	50%	2-4	$5,200	LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$82,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$11,500	
Exit, LED	50%			2060	* *	1		
Exterior Lighting								
HID	20%			2027	$88,700	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$17,800	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns And Fire Alarm Panel								

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2042	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2041	* *	5	$5,600	
Distribution								
Steam Piping/Pump	100%	Now	$15,200	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Vacuum Pump								
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Thermostats For Rooms 406, 408.								
Terminal Devices								
Air Handler	20%	Now	$35,800	2037	* *	1	$10,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Blower For Auditorium And Cafetaria Not Working								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : For Auditorium And Cafeteria								
Convector/Radiator	70%			2030	$543,800	1	$21,500	
Fan Coil Unit/Heat	10%			2027	$235,500	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	15%	Now	$7,800	2032	$156,200	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : 3 Units, Roof								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Explanation : All 3 Units Are Down Frequently.								
Split Unit	10%			2037	* *			
Window/Wall Unit	60%			2027	$215,900	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	$18,500	
No Component	65%							
Exhaust Fans								
Interior	15%			2037	* *	2	$400	
Roof	20%			2032	$36,900	2	$600	
No Component	65%							
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$363,800	1		
HW Heat Exchanger								
Steam Fired	100%			2058	* *	4	$9,400	
Sanitary Piping								
Cast Iron	100%	0-2	$23,900	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$16,800	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 5th Floor Bathroom								
Explanation : Missing Floor Drain								
Sump Pump(s)								
Non-Submersible	50%			2032	$9,500	4	$1,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement At 20th Street Side								
Explanation : 1 Unit								
Submersible	50%			2024	$1,500	4	$1,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement At 19th Street Side								
Explanation : 5 Units								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$65,700	1-2	$1,300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 40 - Q**		
Address	: **109-20 UNION HALL STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q040**
Program / Asset #	: **BOE0700.000 / 2271**	**Yr Built/Renovated**	: **1912 / 2014**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **12151** **Lot** : **1**	**BIN**	: **4263341**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$326,400	$1,057,600
Interior Architecture	$7,054,200	$14,711,700
Electrical		$679,700
Mechanical	$289,800	$4,116,400
Site Enclosure	$66,800	
Total	**$7,737,300**	**$20,565,300**
Importance Code A	$326,400	$1,057,600
Importance Code B	$7,262,000	$19,507,700
Importance Code C	$148,800	
Total	**$7,737,300**	**$20,565,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$72,600			
Interior Architecture	$139,300		$19,400	$16,400
Electrical	$24,100	$9,500	$9,900	$11,400
Mechanical	$49,400	$16,900	$24,100	$15,800
Site Pavements	$77,700			
Total	**$363,000**	**$26,400**	**$53,300**	**$43,600**
Importance Code A	$82,700	$10,100	$10,100	$10,100
Importance Code B	$177,900	$16,300	$28,900	$33,500
Importance Code C	$102,400		$14,300	
Total	**$363,000**	**$26,400**	**$53,300**	**$43,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$127,400	
Recent Repair Evident, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$293,400	
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : West Facade								
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$12,200	
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$47,500	2041	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$135,900	
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$13,500	
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$13,900	
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2033	$780,300	10	$66,900	
Copper/Terne	2%			2061	* *	10	$3,500	
Metal Panel	3%			2038	* *	10	$3,900	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$88,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement Mechanical Spaces								
Ceramic Tile	5%			2036	* *	5	$10,100	
Terrazzo	5%			LIFE	* *	5	$15,700	
Traffic Topping	5%	Now	$96,200	2033	$480,800	5	$6,300	
Wrinkling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stairs								
Vinyl Tile	30%	Now	$334,000	2033	$1,670,000	3	$22,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile 9" X 9"	35%	Now	$6,223,900	2033	$12,447,700	3	$26,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Wood	10%	2-4	$120,200	2048	* *	5	$18,900	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Gymnasium And Auditorium								
Interior Walls								
Ceramic Tile	5%	2-4	$12,600	2036	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Folding Partition	5%			2041	* *	5	$28,700	
Masonry: Brick	10%			LIFE	* *	10	$6,900	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Marble Panels	5%			LIFE	* *	10	$4,600	
Plaster	65%			LIFE	* *	5-10	$126,700	
SGFT/Glazed Masonry	10%	0-2	$41,200	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$25,100	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Storage Room In Basement								
Plaster	90%			LIFE	* *	5-10	$311,200	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	35%			2043	* *			
Iron Picket	65%	0-2	$66,800	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$40,600	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	0-2	$18,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$18,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Stair E And F								
Activity Yard								
Asphalt	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Playground								
Explanation : Recent Repairs Evident								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	70%			2053	* *	1		
Conduit	30%			2033	$73,100	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	95%			2049	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$93,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	10%			2028	$6,300	1		
Emergency, Battery	40%			2028	$68,500	10	$9,800	
Exit, Battery	50%			2041	* *	10	$3,400	
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$19,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$19,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$263,100	1-3	$64,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$101,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%			2028	$959,700	1	$31,500	
Convector/Radiator	40%			2031	$333,600	1	$13,200	
Fan Coil Unit/Heat	10%			2028	$252,900	1	$3,300	
Controls								
Pneumatic	100%			2031	$1,971,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$121,100			
Window/Wall Unit	75%			2026	$289,800	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,100	
Exhaust Fans								
Interior	90%			2028	$407,100	2	$2,800	
Roof	10%			2033	$19,800	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallon Temporary Unit. Quantity 1.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$20,400	4	$3,200	
Backflow Preventer								
Generic	100%			2033	$45,600	1	$6,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$70,500	1-2	$1,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 41 - BK**
Address : **411 THATFORD AVENUE BTWN: NEWPORT ST., RIVERDALE AVE**
Borough : **BROOKLYN**
Agency's Number : **K041**
Program / Asset # : **BOE0372.000 / 1411**
Yr Built/Renovated : **1965 / 2014**
Area Sq Ft : **91,000**
Project Type : **EDUCATION**
Date of Survey : **19-Oct-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3604** **Lot** : **1**
BIN : **3082389**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$148,500	$168,800
Interior Architecture	$1,703,200	$15,609,500
Electrical	$204,200	$949,200
Mechanical		$1,369,900
Total	**$2,055,900**	**$18,097,400**
Importance Code A	$148,500	$168,800
Importance Code B	$1,765,200	$17,928,600
Importance Code C	$142,200	
Total	**$2,055,900**	**$18,097,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$82,300		$800	
Interior Architecture	$253,000		$3,900	$11,100
Electrical	$9,800	$8,900	$10,300	$9,400
Mechanical	$37,800	$4,200	$10,600	$4,200
Site Enclosure	$42,000			
Site Pavements	$26,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$454,800**	**$17,100**	**$29,600**	**$28,700**
Importance Code A	$82,300		$800	
Importance Code B	$251,000	$17,100	$28,800	$28,700
Importance Code C	$121,500			
Total	**$454,800**	**$17,100**	**$29,600**	**$28,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$27,200	
Masonry: Brick Cavity	93%	4+	$88,000	LIFE	* *	5	$50,500	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Granite Panels	2%	2-4	$6,700	LIFE	* *	5	$800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Base Of Building								
Windows								
Aluminum	100%			2049	* *	5	$36,400	
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	$18,900	
Metal Rail	50%			2046	* *	5-10	$99,600	
Pre-Cast Concrete	25%			LIFE	* *	5	$34,700	
Roof								
Cast in Place Concrete	5%			LIFE	* *	10	$10,400	
Modified Bitumen	95%			2038	* *	10	$118,300	
Soffits								
Stucco Cement	60%			2038	* *	5	$1,200	
Wood	40%			2046	* *	5	$1,600	
Interior								
Floors								
Carpet	5%			2032	$111,700	3	$9,500	
Cast in Place Concrete	10%			LIFE	* *	5	$55,300	
Ceramic Tile	5%	Now	$17,800	2042	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Kitchen And Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout Kitchen And Toilets								
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile	5%			2038	* *	3	$2,400	
Vinyl Tile 9" X 9"	70%	Now	$1,561,000	2028	$15,609,500	3	$33,200	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Loose Units, Extent : Moderate, Area Affected : 2%								
Location : Throughout Basement And 1st Floor								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$57,800	2042	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen, Toilet								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$16,800	
Gypsum Board	15%			LIFE	* *	5-10	$53,600	
Plaster	33%	0-2	$84,400	LIFE	* *	5	$20,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$31,500	
Wood	2%			LIFE	* *	5	$33,600	
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$19,000	
AcousTileConcealSpLn	20%			2038	* *	5	$31,600	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
AcousTileSusp.Lay-In	10%			2038	* *	5	$12,600	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$15,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,600	
Metal Panel	2%			LIFE	* *	5	$6,300	
Plaster	35%			LIFE	* *	5-10	$76,000	
Wood	3%			LIFE	* *	5	$66,300	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2043	* *			
Iron Picket	90%	Now	$26,900	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$15,100	2068	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Newport Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$22,800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	2%	Now	$3,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Entry Steps								
Masonry: Granite	8%			LIFE	* *			
Activity Yard								
Rubber Matting	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	20%			2055	* *	5	$500	
Molded Case Bkrs	70%			2032	$167,600	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$58,300	1		
Thermoplastic	10%			2059	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$59,700	5	$300	
Locally Mounted	50%			2050	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$81,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$11,000	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	30%			2038	* *	10	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Compact Fluorescent Lights								
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$170,800	1	$34,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$56,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Gymnasium, Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Boiler Room Is Under Construction								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Boiler Room Is Under Construction. 1 Temporary Steam Boiler Is Being Used.								

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DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	15%			2033	$256,900	1	$8,400	
Convector/Radiator	85%			2031	$632,500	1	$25,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2028	$258,600	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,300	
Exhaust Fans								
Interior	20%			2033	$80,700	2	$600	
Roof	80%			2033	$141,300	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%	0-2	$4,700	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valve, Basement Room B3.								
Brass/Copper	80%			2043	* *	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Temporary Electrical Hot Water Heater Being Used.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Sewage Ejector(s)								
Under Construction	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2053	* *	1-2	$2,600	

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Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 41 - M**
Address : **116 WEST 11 STREET BTWN: AVENUE OF THE AMERICAS,**
Borough : **MANHATTAN**
Agency's Number : **M041**
Program / Asset # : **BOE0022.000 / 692**
Yr Built/Renovated : **1958 / 2014**
Area Sq Ft : **81,000**
Project Type : **EDUCATION**
Date of Survey : **23-Sep-2021**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **606** **Lot** : **49** **BIN** : **1010543**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$113,000	$197,900
Interior Architecture	$10,676,600	$53,300
Electrical		$880,900
Mechanical	$71,000	$1,782,800
Total	**$10,860,600**	**$2,914,900**
Importance Code A	$113,000	$197,900
Importance Code B	$10,747,600	$2,717,000
Total	**$10,860,600**	**$2,914,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$181,700			$15,000
Interior Architecture	$182,300		$5,100	$9,900
Electrical	$21,000	$7,600	$7,800	$9,200
Mechanical	$64,400	$17,100	$24,300	$13,100
Site Pavements	$32,800			
Total	**$482,200**	**$24,700**	**$37,200**	**$47,200**
Importance Code A	$189,800	$8,000	$8,000	$23,000
Importance Code B	$173,700	$16,700	$29,200	$21,100
Importance Code C	$118,700			$3,100
Total	**$482,200**	**$24,700**	**$37,200**	**$47,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$1,300	
Glazed Ceramic Panel	10%			LIFE	* *	5	$47,100	
Masonry: Brick	35%			LIFE	* *	5	$35,200	
Metal/Glass Curt Wall	50%			LIFE	* *	5	$94,300	
Window Wall	3%			2053	* *	5	$5,700	
Windows								
Aluminum	90%	Now	$113,000	2049	* *	5	$10,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Steel	10%			2032	$197,900	5	$30,100	
Parapets								
Glazed Ceramic Panel	5%			2053	* *	5-10	$3,300	
Masonry: Brick	85%			LIFE	* *	5-10	$36,600	
Metal Panel	2%			2053	* *	5	$500	
Pre-Cast Concrete	8%			LIFE	* *	5	$6,300	
Roof								
Built-Up (BUR)	65%	Now	$38,100	2038	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Rooms 403, 430 And Corridor Next To Room 428, Cafeteria								
Copper/Terne	5%			2061	* *	10	$11,500	
Green, Roof Inaccessible	30%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Green Roof								
Explanation : Reports Of Water Penetration								
Soffits								
Alum/Vinyl Siding	70%			2053	* *	10	$3,000	
Cast in Place Concrete	30%			LIFE	* *	5	$40,500	
Interior								
Floors								
Cast in Place Concrete	18%			LIFE	* *	5	$106,500	
Ceramic Tile	5%	Now	$20,900	2042	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen, 4th Floor Girls Toilet Room								
Terrazzo	2%	4+	$13,800	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%			2038	* *	3	$15,200	
Vinyl Tile 9" X 9"	40%	Now	$10,457,600	2043	* *	3	$20,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout And Cafeteria								
Wood	5%			2048	* *	5	$12,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$25,800	
Ceramic Tile	3%			2042	* *	5	$6,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$16,500	
Masonry: Brick	10%			LIFE	* *	10	$6,200	
Marble Panels	2%			LIFE	* *	10	$1,700	
Plaster	40%			LIFE	* *	5-10	$70,100	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$30,900	
Ceilings								
AcousTile,Adhered	10%	Now	$93,300	2038	* *	5	$6,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Cafeteria, Gymnasium								
AcousTileConcealSpLn	20%			2038	* *	5	$33,100	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$82,700	
Metal Panel	2%			LIFE	* *	5	$6,600	
Plaster	18%			LIFE	* *	5-10	$41,000	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$600	2038	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Front Of School On 11th Street								
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	90%	4+	$23,100	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	5%			2041	* *			
Rubber Matting	5%	0-2	$9,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Vertical Sections								
Raceway								
Conduit	90%			2033	$198,900	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$13,100	5	$100	
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	85%			2049	* *	5	$1,800	
Molded Case Bkrs	5%			2032	$13,100	5	$100	
Wiring								
Thermoplastic	25%			2033	$79,900	1		
Thermoplastic	75%			2053	* *	1		
Motor Controllers								
Locally Mounted	40%			2031	$52,300	5	$200	
Locally Mounted	60%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2041	* *	10	$66,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$74,500	10	$9,800	
Exit, Service	50%			2028	$19,100	1		
Exterior Lighting								
HID	10%			2028	$41,400	10		
LED	10%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$166,500	1	$30,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front, Rear And Hallways								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$228,800	1-3	$51,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$25,100	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$80,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$71,000	2043	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2033	$333,900	1	$10,000	
Convector/Radiator	80%			2038	* *	1	$20,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2038	* *	1	$3,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement Air Conditioning Room								
Window/Wall Unit	70%	0-2	$23,500	2028	$235,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 5 Malfunctioning Window, Wall Units								
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2033	$275,400	1	$10,000	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$5,600	
No Component	90%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,500	
Exhaust Fans								
Interior	50%			2033	$196,700	2	$1,200	
Roof	50%			2033	$86,100	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$226,500	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantaneous Type With Storage Tank								
HW Heat Exchanger								
Steam Fired	100%			2033	$429,000	4	$12,000	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : It Has Been Used For Long Time								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$2,700	4	$2,600	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 41 - Q**				
Address	: **214-43 35 AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q041**
Program / Asset #	: **BOE0701.000 / 2272**			**Yr Built/Renovated**	: **1916 / 2009**
Area Sq Ft	: **56,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3**				
Block	: **6121**	**Lot**	: **1**	**BIN**	: **4135975**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$169,000	$83,600
Interior Architecture		$5,157,000
Electrical	$99,800	$149,400
Mechanical	$134,200	$1,320,900
Total	**$403,000**	**$6,710,900**
Importance Code A	$169,000	$83,600
Importance Code B	$234,000	$6,627,300
Total	**$403,000**	**$6,710,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$111,700			
Interior Architecture	$102,100		$9,100	$5,900
Electrical	$800		$100	$400
Mechanical	$120,300	$8,500	$12,300	$7,900
Total	**$335,000**	**$8,500**	**$21,500**	**$14,200**
Importance Code A	$160,600	$5,500	$5,500	$5,500
Importance Code B	$143,000	$2,900	$8,700	$8,700
Importance Code C	$31,500		$7,300	
Total	**$335,000**	**$8,500**	**$21,500**	**$14,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - Q

Asset # : 2272

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$72,500	
Masonry: Brick	90%			LIFE	* *	5	$167,100	
Masonry: Limestone	5%			LIFE	* *	5	$7,000	
Windows								
Aluminum	100%	4+	$21,700	2049	* *	5	$11,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$23,100	
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$100,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,200	
Roof								
Built-Up (BUR)	100%	Now	$28,400	2038	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Around Roof Drains In 2nd Floor Classrooms, 201 And 202								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$12,400	LIFE	* *	5	$16,000	
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Emergency Stair Behind Auditorium Exit 4								
Ceramic Tile	5%			2036	* *	5	$3,700	
Vinyl Tile	25%	Now	$10,100	2038	* *	3	$6,800	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Room B-2								
Vinyl Tile 9" X 9"	40%			2028	$5,157,000	3	$14,600	
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Auditorium								
Wood	20%			2048	* *	5	$27,400	
Interior Walls								
Ceramic Tile	20%			2036	* *	5	$14,500	
Marble Panels	5%			LIFE	* *	10	$1,500	
Plaster	75%			LIFE	* *	5-10	$46,400	
Ceilings								
Plaster	100%	4+	$44,400	LIFE	* *	5	$45,700	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - Q

Asset # : 2272

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Rubber Matting	5%			2038	* *			
Under Construction	95%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2063	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2063	* *	5	$1,500	
Raceway								
Conduit	55%			2033	$79,500	1		
Under Construction	45%							
Panelboards								
Fused Disc Sw	5%			2032	$7,000	5	$100	
Molded Case Bkrs	50%			2032	$69,900	5	$700	
Under Construction	40%							
Under Construction	5%							
Wiring								
Braided Cloth	50%	2-4	$99,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	$20,000	1		
Under Construction	40%							
Motor Controllers								
Locally Mounted	60%			2031	$43,000	5	$200	
Under Construction	40%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - Q

Asset # : 2272

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	58%			2038	* *	10	$29,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Under Construction	40%							
Egress Lighting								
Emergency, Battery	25%			2038	* *	10	$3,400	
Exit, Service	25%			2038	* *	1		
Under Construction	25%							
Under Construction	25%							
Exterior Lighting								
No Component	70%							
Under Construction	30%							
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$48,800	2038	* *	1	$49,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Tubes On Both Boiler No. 2 Boiler Defective Interlock And Firing Problem								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%	0-2	$26,900	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pumps, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Steam Piping/Pump	80%			2033	$358,800			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - Q

Asset # : 2272

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2028	$210,800	1	$6,900	
Convector/Radiator	70%			2031	$320,500	1	$12,700	
Fan Coil Unit/Heat	10%	0-2	$13,900	2028	$138,800	1	$1,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam Leaking From Coils. Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	0-2	$3,200	2026	$63,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 5 Percent Is Not Working. Various Locations								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,400	
Exhaust Fans								
Interior	60%			2028	$149,000	2	$1,000	
Roof	40%			2033	$43,500	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$7,100	2031	$143,000	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main In Basement Lunchroom								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$70,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : House Traps Blockage, Clogged. Sewage Backups Occasionally								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$11,200	4	$1,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$23,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 41 - SI**		
Address	: **216 CLAWSON ST AT LOCUST AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R041**
Program / Asset #	: **BOE0929.000 / 1436**	**Yr Built/Renovated**	: **1924 / 2007**
Area Sq Ft	: **65,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **3639** **Lot** : **35**	**BIN**	: **5052659**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,183,200	$75,500
Interior Architecture		$688,700
Electrical	$311,300	$666,000
Mechanical	$1,103,300	$2,473,100
Total	**$2,597,900**	**$3,903,400**
Importance Code A	$1,239,900	$642,100
Importance Code B	$1,358,000	$3,261,300
Total	**$2,597,900**	**$3,903,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,100		$47,800	
Interior Architecture	$163,800	$2,900	$2,200	$3,100
Electrical	$10,800	$4,000	$3,700	$3,200
Mechanical	$39,900	$9,200	$38,200	$9,200
Site Pavements				
Total	**$230,600**	**$16,100**	**$92,000**	**$15,400**
Importance Code A	$19,300	$6,400	$54,400	$6,400
Importance Code B	$166,900	$6,700	$37,600	$9,000
Importance Code C	$44,300	$2,900		
Total	**$230,600**	**$16,100**	**$92,000**	**$15,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$34,700	
Masonry: Brick	85%			LIFE	* *	5	$75,500	
Masonry: Granite	10%			LIFE	* *	5	$6,700	
Windows								
Aluminum	100%	Now	$51,400	2047	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,400	
Masonry: Brick	67%	Now	$16,100	LIFE	* *	5	$6,400	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 60%								
Location : Main Roof								
Painted Surfaces, Extent : Light, Area Affected : 60%								
Location : Inner Side Of Parapets On Main Roof								
Masonry: Brick	23%			LIFE	* *	5	$2,200	
Roof								
Copper/Terne	5%			2059	* *	10	$6,300	
IRMA/Protected Membrane	95%			2026	$1,131,800	10	$47,800	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$21,800	
Ceramic Tile	5%			2034	* *	5	$5,000	
Marble Panels	5%			LIFE	* *	5	$3,700	
Quarry Tile	2%			2044	* *	5	$3,000	
Sheet Vinyl/Rubber	3%			2036	* *	5	$4,500	
Vinyl Tile	25%	Now	$13,800	2031	$688,700	3	$9,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	50%			2034	* *	5	$93,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 1%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$44,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room Foundation Wall								
Ceramic Tile	5%			2040	* *	5	$5,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$15,700	
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$23,300	
Ceilings								
AcousTile,Adhered	10%	Now	$6,400	2036	* *	5	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Plaster	80%	Now	$48,500	LIFE	* *	5	$49,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Roof Stair Bulkhead								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2041	* *			
Iron Picket	20%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	5%			LIFE	* *			
Masonry: Marble	5%			LIFE	* *	5		
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	65%			2034	* *			
Cast in Place Concrete	10%			2036	* *			
Rubber Matting	10%			2031	$30,000			
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : This Is Actually Artificial Turf								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2061	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electric Service Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2061	* *	5		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electric Service Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	100%			2031	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	90%			2030	$161,700	5	$1,500	
Wiring								
Braided Cloth	80%	2-4	$159,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2031	$39,900	1		
Motor Controllers								
Locally Mounted	90%			2029	$107,500	5	$400	
Locally Mounted	10%	0-2	$7,200	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Recent Installation								
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$57,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$7,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Exit, Service	50%			2039	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Exterior Lighting								
HID	100%	0-2	$151,600	2039	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof And Exterior Walls								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chimney								
Explanation : Air Terminals And Downleads								
Alarm								
Security System								
Generic	100%			2036	* *	1	$24,300	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Building Corridor's And Entrances								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Corridor's And Lobby								
Explanation : CCTV System								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2041	* *	1-3	$8,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$151,100	5	$20,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	50%	Now	$56,700	2029	$283,300	1	$29,000	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Boiler No.1 In Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Steam Boiler	50%			2029	$283,300	1	$32,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	95%			2031	$494,500			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Steam Piping/Pump	5%	Now	$15,600	2061	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In Basement								
Terminal Devices								
Air Handler	20%			2026	$244,600	1	$8,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	60%			2029	$318,900	1	$12,600	
Fan Coil Unit/Heat	20%			2026	$322,300	1	$4,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2030	$107,200	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	50%	0-2	$12,300	2024	$123,100	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Various Classrooms								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,200	
Exhaust Fans								
Interior	90%			2026	$259,500	2	$1,800	
Interior	10%	Now	$5,800	2026	$28,800	2	$200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement House Exhaust Fan								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$834,800	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$68,300	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$13,000	4	$1,400	
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$1,800	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 42 - M**
Address : **71 HESTER STREET BTWN ORCHARD ST. - LUDLOW ST.**
Borough : **MANHATTAN** | **Agency's Number** : **M042**
Program / Asset # : **BOE0023.000 / 1663** | **Yr Built/Renovated** : **1899 / 2009**
Area Sq Ft : **74,000** | **Project Type** : **EDUCATION**
Date of Survey : **15-Apr-2021** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **309** **Lot** : **1** | **BIN** : **1003998**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,152,900	$839,400
Interior Architecture	$6,143,700	$64,500
Electrical	$329,200	$429,300
Mechanical	$224,300	$1,200,400
Total	**$7,850,000**	**$2,533,600**
Importance Code A	$1,152,900	$839,400
Importance Code B	$6,437,000	$1,694,200
Importance Code C	$260,200	
Total	**$7,850,000**	**$2,533,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,400			$4,200
Interior Architecture	$135,500	$1,700		$14,200
Electrical	$17,500	$2,100	$2,400	$83,200
Mechanical	$114,000	$9,800	$10,400	$33,300
Site Pavements	$6,300			
Total	**$301,700**	**$13,600**	**$12,800**	**$134,900**
Importance Code A	$35,700	$7,300	$7,300	$11,700
Importance Code B	$244,800	$6,200	$5,500	$123,200
Importance Code C	$21,200			
Total	**$301,700**	**$13,600**	**$12,800**	**$134,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	10%	Now	$104,200	LIFE		* *	5	$81,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Brick	80%	Now	$138,100	LIFE		* *	5	$83,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 5%									
Location : Basement									
Masonry: Limestone	10%	Now	$82,500	LIFE		* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 5%									
Location : Throughout									
Windows									
Wood	100%	Now	$581,700	2040		* *	5	$181,100	
Air Infiltration, Extent : Severe, Area Affected : 50%									
Location : Classrooms									
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%									
Location : Classrooms, Offices									
Hardware Missing, Extent : Moderate, Area Affected : 20%									
Location : Classrooms									
Parapets									
Masonry: Brick	90%	Now	$26,500	LIFE		* *	5	$10,500	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 20%									
Location : Classrooms, Corridors Below Roof									
Pre-Cast Concrete	10%	Now	$1,900	LIFE		* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%									
Location : Throughout									
Roof									
Built-Up (BUR)	95%	Now	$246,300	2032	$492,700				
Air/Water Blisters, Extent : Moderate, Area Affected : 10%									
Location : Roof									
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%									
Location : Main Roof Along Parapet Wall									
Vegetation Growth, Extent : Severe, Area Affected : 20%									
Location : Roof									
Water Penetration, Extent : Moderate, Area Affected : 30%									
Location : Classrooms Below									
Copper/Terne	3%			2047		* *	10	$3,300	
Modified Bitumen	2%			2037		* *	10	$900	
Interior									

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	4+	$29,200	LIFE	* *	5	$37,600	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	4%	Now	$25,800	2035	* *	5	$2,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Stairwells								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stairwell								
Ceramic Tile	3%			2045	* *	5	$3,400	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : 2nd And 3rd Floor Boys And Girls Toilet								
Mosaic Tile	2%	Now	$21,500	2037	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Main Entrance								
Quarry Tile	2%			2037	* *	5	$3,400	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Vinyl Tile	45%	Now	$28,500	2037	* *	3	$19,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Computer Room 4th Floor								
Vinyl Tile 9" X 9"	27%	Now	$109,200	2027	$5,460,600	3	$11,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	2%			2047	* *	5	$4,300	
Interior Walls								
Ceramic Tile	5%	Now	$82,800	2035	* *	5	$3,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Masonry: Brick	15%			LIFE	* *			
Plaster	60%	Now	$109,800	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Wells								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair Wells								
SGFT/Glazed Masonry	10%	Now	$67,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%	Now	$21,200	LIFE	* *	5	$30,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$9,200	2037	* *	5	$7,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	90%	Now	$313,700	LIFE	* *	5	$64,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2052	* *			
Iron Picket	50%			2067	* *			
Masonry: Brick	10%			2042	* *			
Retaining Walls								
Masonry: Brick	100%			2042	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Cast in Place Concrete	95%	2-4	$6,300	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	5%			2032	$12,500			
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Throughout Matting								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2032	$36,200	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2052	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2032	$97,500	5	$200	
Fused Disc Sw	50%			2052	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$12,600	5	$100	
Fused Disc Sw	3%			2048	* *	5	$100	
Molded Case Bkrs	30%			2048	* *	5	$600	
Molded Case Bkrs	60%			2031	$107,800	5	$1,200	
Wiring								
Braided Cloth	60%	Now	$119,800	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2032	$20,000	1		
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2045	* *	5	$400	
Locally Mounted	20%			2030	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$64,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	5%			2027	$102,500	2	$100	
Egress Lighting								
Emergency, Battery	40%			2027	$49,700	10	$7,100	
Emergency, Battery	10%	Now	$12,400	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement, Cafeteria And Some In Hallways								
Exit, Service	35%			2027	$11,200	1		
Exit, Service	15%	Now	$2,900	2042	* *	1		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement Some In Hallways From First To Top Floors								
Exterior Lighting								
HID	10%			2027	$34,500	10		
LED	10%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$27,800	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$57,300	1-3	$14,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations, Alarm Bell And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Using No.2 Oil Only Due To Undersized Gas Piping								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$73,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$41,600	2042	* *	4	$3,600	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Two Feed Water Valves Not Working								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement. Alternating Relay Of Compressor Not Working. Domestic Water Tank Pressure Problem.								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump Not Working And Chemical Feed Not Working								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Various Areas								
Terminal Devices								
Convector/Radiator	90%	Now	$27,200	2030	$544,600	1	$19,400	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Various Rooms 310, 508								
Fan Coil Unit/Heat	10%	Now	$3,700	2032	$183,500	1	$2,200	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	80%			2027	$224,300	1		
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Various								
Explanation : Inefficiently								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$4,100	
No Component	90%							
Exhaust Fans								
Interior	5%			2027	$16,400	2	$100	
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%	0-2	$9,400	2030	$472,400	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Feed Pump. For Boiler Basement								
Water Heater With Tanks								
Electric	30%			2027	$7,100	4		
Gas Fired	70%			2030	$12,000	2		
Sanitary Piping								
Cast Iron	100%	Now	$18,600	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Area								
Explanation : The Boiler Drains Are Undersized								
Storm Drain Piping								
Cast Iron	100%	Now	$5,200	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : Water Backs Up From Storm Drain When It Rains Due To Undersized Drain Pipe								
Sump Pump(s)								
Non-Submersible	100%	Now	$700	2037	* *	4	$1,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1 Motor, Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$30,700	1-2	$600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 42 - Q**				
Address	: **488 BEACH 66 STREET @THURSBY AVE.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q042**
Program / Asset #	: **BOE0702.000 / 2803**			**Yr Built/Renovated**	: **1925 / 2011**
Area Sq Ft	: **121,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6,Ph**				
Block	: **16039**	**Lot**	: **14**	**BIN**	: **4302817**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,095,900	$442,000
Interior Architecture	$12,853,500	$619,600
Electrical	$223,600	$182,500
Mechanical	$204,000	$358,300
Site Pavements		$124,400
Total	**$15,376,900**	**$1,726,800**
Importance Code A	$2,095,900	$442,000
Importance Code B	$12,993,000	$1,284,800
Importance Code C	$288,100	
Total	**$15,376,900**	**$1,726,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$111,700		$11,500	$12,600
Interior Architecture	$124,000	$11,500	$8,800	$15,800
Electrical	$17,600	$19,200	$15,100	$16,700
Mechanical	$51,800	$18,100	$27,400	$27,900
Site Enclosure	$21,400			
Site Pavements	$11,000			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$349,400**	**$60,600**	**$74,600**	**$84,900**
Importance Code A	$122,400	$10,700	$22,400	$23,300
Importance Code B	$159,300	$38,500	$52,200	$55,900
Importance Code C	$67,700	$11,500		$5,700
Total	**$349,400**	**$60,600**	**$74,600**	**$84,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	Now	$292,600	LIFE	* *	5	$35,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : All Facades								
Painted Surfaces, Extent : Light, Area Affected : 15%								
Location : Ground Level								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room And Rear Exits Towards Beach 65th Street								
Masonry: Brick Cavity	35%	Now	$43,300	LIFE	* *	5	$24,900	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Outside Of Classroom 506								
Masonry: Limestone	3%			LIFE	* *	5	$1,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,600	
Stucco Cement	5%			2036	* *	5	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Roof								
Explanation : Mechanical Penthouse								
Window Wall	5%			2051	* *	5	$13,300	
Windows								
Aluminum	60%	Now	$1,803,200	2056	* *	5	$18,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Missing Window At Mechanical Penthouse On 1925 Building								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout Classrooms And Offices								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 1%								
Location : Classroom 347								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Throughout 1925 Building								
Explanation : Window Guard Screens								
Aluminum	40%			2047	* *	5	$25,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Ground Level								
Explanation : Window Guard Screens								
Parapets								
Masonry: Brick	55%			LIFE	* *	5	$8,100	
Masonry: Brick Cavity	30%			LIFE	* *	5	$4,400	
Masonry: Limestone	5%	0-2	$4,600	LIFE	* *	5	$900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Joint Between Coping Stones And Brick To Coping Stones								
Metal Rail	2%			2044	* *	5-10	$5,300	
Pre-Cast Concrete	8%			LIFE	* *	5	$7,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	5%			2071	* *	10	$8,400	
IRMA/Protected Membrane	35%	Now	$11,200	2036	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 2%								
Location : Roof Outside Of Classrooms 506 And 508								
Paver Block Ballast, Extent : Light, Area Affected : 5%								
Location : 2011 Building Roofs								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : All Roofs								
Modified Bitumen	60%	Now	$44,200	2031	$442,000			
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Soffits								
Cast in Place Concrete	15%			LIFE	* *	5	$1,400	
Masonry: Brick	10%			LIFE	* *	5	$200	
Metal Panel	10%			2051	* *	5-10	$1,300	
Stucco Cement	65%	Now	$5,200	2036	* *	5	$1,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Soffits At Mechanical Penthouse Bulkheads								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Soffits At Mechanical Penthouse Bulkheads								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	9%			LIFE	* *	5	$39,700	
Ceramic Tile	5%	Now	$56,800	2040	* *	5	$5,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Bathrooms 316a And 316b								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Bathrooms 316a And 316b								
Drains Inad/Misposn, Extent : Severe, Area Affected : 50%								
Location : 2011 Building Bathroom Drains Are Higher Than Lowest Point Of Floor								
Patching Evident, Extent : Severe, Area Affected : 15%								
Location : Bathrooms 316a And 316b								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Bathrooms In 1925 Building Painted Floor Peeling And Scratched								
Marble Panels	2%	0-2	$17,700	LIFE	* *	5	$3,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : 1925 Building								
Quarry Tile	2%			2044	* *	5	$6,000	
Terrazzo	2%	4+	$7,500	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1925 Building								
Vinyl Tile	10%	2-4	$11,100	2031	$556,700	3	$7,600	
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Classroom 347 And Various Locations Of 1925 Building								
Vinyl Tile	30%			2036	* *	3	$30,200	
Vinyl Tile 9" X 9"	35%			2026	$12,448,300	3	$26,400	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Divits In Various Classrooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1925 Building								
Wood	5%	Now	$12,000	2059	* *	5	$9,400	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Below Water Fountains In Gymnasiums								

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%	Now	$151,400	2046	* *	5	$2,300	
Adhesion Failure, Extent : Severe, Area Affected : 15%								
Location : Bathrooms 316a, 316b And Bathrooms Throughout 1925 Building								
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Bathrooms 316a And 316b								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Bathrooms 316a And 316b								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms In 1925 Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building Bathrooms								
Explanation : Painted Surfaces								
Ceramic Tile	10%			2040	* *	5	$22,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2011 Building								
Explanation : Corridors, Kitchen And Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,200	
Folding Partition	2%			2047	* *	5	$11,500	
Gypsum Board	20%			LIFE	* *	5	$27,500	
Masonry: Brick	5%	Now	$43,700	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 3%								
Location : Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 3%								
Location : Boiler Room At Top And Base Of Walls								
Metal: Cage/Fence	2%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Explanation : Metal And Glass Stairwell Partition								
Plaster	49%	Now	$136,700	LIFE	* *	5	$33,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Exit, Stairwells G, H And Exit 9								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Throughout North And South Exterior Walls, Boiler Room Exit, Stairwells G, H And Exit 9								

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	32%	4+	$21,400	2044	* *	5	$32,200	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Throughout 2011 Building								
Exposed Struc: Concrete	10%	Now	$60,300	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Boiler Room And Mechanical Penthouse								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	3%			LIFE	* *	5	$7,500	
Plaster	50%			LIFE	* *	5	$62,900	
Site Enclosure								
Fence/Gates								
Aluminum Rail	6%			2044	* *	5-10	$5,900	
Chain Link	25%	Now	$3,900	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Hardware At Gated On Beach 65th Street And Beach 66th Street								
Iron Picket	17%	4+	$2,900	2066	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Beach 65th Street Vehicle Slide Gate								
Iron Picket	30%	Now	$5,100	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Beach 66th Street Fence At 1925 Building								
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Beach 66th Street								
Explanation : Gate Difficult To Open From Rusted Hadware								
Metal: Cage/Fence	7%			LIFE	* *			
Under Construction	15%							
Retaining Walls								
Cast in Place Concrete	90%	0-2	$4,800	2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Retaining Wall At Beach 65th Street At Connector								
Masonry: Fieldstone	10%	Now	$1,100	2041	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Step To Cheek Wall Joint								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Beach 65th Street Original 1925 Building Entry								
Explanation : Granite Cheek Walls Separating From Steps								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	50%	Now	$2,200	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Side And Rear Walkways Along 1925 Building								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Side And Rear Walkways Along 1925 Building								
Explanation : Potholes At Drains								
Cast in Place Concrete	45%	Now	$3,100	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Metal Tread At Beach 65th Street Steps								
Masonry: Granite	5%	Now	$3,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Steps At 1925 Building Entry On Beach 66th Street								
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	30%			2034	* *			
Rubber Matting	70%	Now	$2,500	2031	$124,400			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Connector Pegs In Jungle Gymnasium Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Six Vertical Sections								
Raceway								
Conduit	60%			2031	$146,200	1		
Conduit	40%			2051	* *	1		
Panelboards								
Molded Case Bkrs	60%			2039	* *	5	$1,900	
Molded Case Bkrs	40%			2047	* *	5	$1,300	
Wiring								
Braided Cloth	30%	2-4	$102,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Sections Of The Building								
Thermoplastic	70%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2029	$36,300	5	$200	
Locally Mounted	80%			2044	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$37,200	
Generators								
Diesel	100%			2040	* *	1	$46,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,500	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	1%			2036	* *	10	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Compact Fluorescent Lights								
Fluorescent	97%			2036	* *	10	$119,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2031	$37,300	2		
LED	1%			2036	* *			
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	15%			2036	* *	10	$100	
LED	15%			2036	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	50%							
Generic	50%			2059	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Section Roof Only								
Explanation : Copper Type								

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$13,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2036	* *	1-3	$53,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium, Classrooms In The New Wing								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	30%			2036	* *	1	$20,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wings Roofs								
Explanation : 4 Rooftop Package Units								
Hot Water Boiler	10%			2044	* *	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 2 Units								
Steam Boiler	60%			2048	* *	1	$80,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	10%			2047	* *	4	$700	
Steam Piping/Pump	60%			2041	* *			
No Component	30%							
Terminal Devices								
Convector/Radiator	50%			2036	* *	1	$21,700	
No Component	30%							
Under Construction	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : The Air Handlers Is Under Repair.								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2036	* *	2	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : On New Wing Roofs								
Explanation : 4 Rooftop Package Units. R-407c								
Window/Wall Unit	40%			2026	$204,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$45,000	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$30,000	
Exhaust Fans								
Interior	60%			2031	$358,300	2	$2,500	
Roof	40%			2039	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2041	* *	1		
Brass/Copper	40%			2057	* *	1		
Water Heater With Tanks								
Gas Fired	60%			2030	$10,200	2		
Gas Fired	40%			2029	$6,800	2		
Sanitary Piping								
Cast Iron	10%	Now	$33,900	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : School Front Yard								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$2,800	
Backflow Preventer								
No Component	60%							
Generic	40%			2039	* *	1	$3,300	
Fixtures								
Generic	50%							
Generic	50%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations In Old Wing								
Explanation : On Extended Life Time								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 6th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2057	* *	1-5	$28,200	
Sprinkler								
No Component	60%							
Generic	40%			2057	* *	1-2	$15,100	
Fire Pump								
No Component	60%							
Generic	40%			2040	* *	1	$10,100	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 42 - SI**		
Address	: **380 GENESEE AVENUE @WAINWRIGHT AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R042**
Program / Asset #	: **BOE0967.000 / 1184**	**Yr Built/Renovated**	: **1968 / 2012**
Area Sq Ft	: **66,799**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5605** **Lot** : **1**	**BIN**	: **5074394**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$84,200	$1,833,500
Interior Architecture	$243,700	$2,071,500
Electrical	$119,800	$636,000
Mechanical	$660,600	$3,797,500
Site Pavements	$113,900	$644,400
Total	**$1,222,200**	**$8,983,000**
Importance Code A	$84,200	$2,415,800
Importance Code B	$959,800	$6,567,200
Importance Code C	$178,300	
Total	**$1,222,200**	**$8,983,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$167,500			
Interior Architecture	$123,200		$7,000	$9,400
Electrical	$52,500	$6,300	$6,500	$8,100
Mechanical	$85,500	$13,800	$14,400	$9,100
Site Enclosure	$11,900			
Site Pavements	$48,300			
Total	**$488,900**	**$20,100**	**$27,900**	**$26,600**
Importance Code A	$196,600	$6,600	$6,600	$6,600
Importance Code B	$171,500	$13,500	$16,700	$20,000
Importance Code C	$120,700		$4,500	
Total	**$488,900**	**$20,100**	**$27,900**	**$26,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	45%			LIFE	* *	5	$58,300	
Granite Panels	15%			LIFE	* *	5	$14,600	
Pre-Cast Concrete	40%			LIFE	* *	5	$168,300	
Windows								
Aluminum	100%	0-2	$34,500	2041	* *	5	$7,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	$23,700	
Metal Security Bars	3%	2-4	$1,000	2048	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Lower Roof Area								
Pre-Cast Concrete	57%	Now	$40,200	LIFE	* *	5	$31,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Upper Main Roof								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Upper Main Roof								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Main Roof								
Explanation : Painted Surface								
Roof								
Copper/Terne	5%			2048	* *	10	$9,700	
IRMA/Protected Membrane	95%	4+	$35,000	2033	$1,749,400			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Upper Main Roof								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Upper Main Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,700	
Ceramic Tile	5%			2036	* *	5	$5,000	
Terrazzo	7%	Now	$13,100	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair B								
Vinyl Tile	75%			2033	$2,071,500	3	$37,500	
Wood	3%			2048	* *	5	$5,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$14,200	
Ceramic Tile	3%			2036	* *	5	$3,400	
Concrete Masonry Unit	5%	2-4	$26,600	LIFE	* *	5	$2,300	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Folding Partition	2%			2041	* *	5	$5,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Between Gymnasium And Auditorium								
Explanation : Newly Identified Component								
Masonry: Brick	2%			LIFE	* *	10	$700	
Plaster	48%	2-4	$26,500	LIFE	* *	5	$16,300	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Roof Bulkhead At Stairwell A								
SGFT/Glazed Masonry	35%	4+	$178,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 3rd And 2nd Floor Corridor								
Ceilings								
AcousTile,Adhered	30%			2038	* *	5	$29,900	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$12,500	
Plaster	60%			LIFE	* *	5-10	$102,800	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2043	* *			
Iron Picket	70%	4+	$11,900	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 2%								
Location : North And West Sides Of Building								
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	50%	0-2	$40,800	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Cast in Place Concrete	50%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	90%	0-2	$113,900	2029	$569,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rubber Matting	10%	2-4	$7,500	2033	$74,800			
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	70%			2033	$101,200	1		
Conduit	20%			2043	* *	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Fused Disc Sw	20%	0-2	$35,900	2058	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Spaces								
Explanation : Obsolete Panelboards.								
Molded Case Bkrs	10%			2055	* *	5	$200	
Molded Case Bkrs	60%			2032	$107,800	5	$1,100	
Wiring								
Braided Cloth	60%	0-2	$119,800	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2059	* *	1		
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$61,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building.								
Egress Lighting								
Emergency, Battery	50%			2028	$56,100	10	$8,100	
Exit, LED	50%			2068	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
LED	10%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
No Component	90%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$25,000	
Fire/Smoke Detection								
Generic, Analog	100%			2028	$172,300	1-3	$42,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$155,300	5	$20,700	
Conversion Equipment								
Steam Boiler	100%	Now	$29,100	2031	$582,200	1	$59,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Burners								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 1%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$53,500	2033	$534,900			
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	5%			2033	$62,900	1	$2,100	
Convector/Radiator	95%			2031	$518,900	1	$20,500	
Controls								
Pneumatic	100%	Now	$516,400	2031	$1,291,000			
Damaged, Extent : Severe, Area Affected : 20%								
Location : Valves And Tubing Throughout								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	25%	Now	$31,600	2028	$63,300	1		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Classrooms								
Window/Wall Unit	70%			2031	$177,100	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,000	
Exhaust Fans								
Interior	30%			2033	$88,900	2	$600	
Roof	70%	0-2	$90,700	2043	* *	2	$1,100	
Dented, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Noisy/Vibrating, Extent : Moderate, Area Affected : 50%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galvanized Steel	70%			2038	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$323,000	4	$9,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$700	2033	$13,400	4	$1,400	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Basement Pump Has Broken Float								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2033	$35,000	4	$4,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 42 - SI ANNEX**
Address : **25 AUGUSTA AVENUE @RICHMOND AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R848**
Program / Asset # : **BOE0967.010 / 1185**
Yr Built/Renovated : **1926 / 2017**
Area Sq Ft : **23,000**
Project Type : **EDUCATION**
Date of Survey : **29-Nov-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Floors 1,2,Att**
Block : **5605** **Lot** : **1** **BIN** : **5130512**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$115,600	$50,800
Interior Architecture		$792,000
Electrical	$54,000	$126,800
Mechanical	$222,300	$527,300
Total	**$391,800**	**$1,496,800**
Importance Code A	$115,600	$50,800
Importance Code B	$276,300	$1,446,000
Total	**$391,800**	**$1,496,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,700		$3,000	
Interior Architecture	$118,200			$5,700
Electrical	$15,300	$2,100	$3,000	$2,100
Mechanical	$27,200	$3,500	$3,700	$3,300
Site Pavements	$25,800			
Total	**$246,200**	**$5,700**	**$9,700**	**$11,200**
Importance Code A	$62,000	$2,300	$5,300	$2,300
Importance Code B	$142,200	$3,400	$4,400	$7,800
Importance Code C	$42,000			$1,000
Total	**$246,200**	**$5,700**	**$9,700**	**$11,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$45,600	
Masonry: Brick	87%			LIFE	* *	5	$101,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$4,400	
Masonry: Marble	3%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%	2-4	$12,900	2041	* *	5	$6,800	
Glazing Broken/Cracked, Extent : Light, Area Affected : 1%								
Location : Stairwell A								
Parapets								
Cast Stone/Terra Cotta	48%			LIFE	* *	5-10	$89,100	
Masonry: Brick	50%			LIFE	* *	5-10	$22,400	
Masonry: Marble	2%			LIFE	* *	5-10	$1,600	
Roof								
Asphalt Shingle	90%			2036	* *	10	$3,000	
Built-Up (BUR)	5%			2033	$11,800	10	$1,000	
Copper/Terne	3%			2048	* *	10	$1,500	
Skylight, Metal/Glass	2%			2043	* *	10	$1,300	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$48,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2042	* *	5	$2,200	
Marble Panels	5%			LIFE	* *	5	$3,300	
Vinyl Tile	65%			2033	$792,000	3	$14,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$15,800	LIFE	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Throughout Basement								
Cast Stone/Terra Cotta	5%	Now	$6,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And Attic Areas								
Explanation : These Are Actually Terra Cotta Block Masonry Units								
Ceramic Tile	5%			2042	* *	5	$2,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,700	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Basement								
Masonry: Brick	5%			LIFE	* *	10	$600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 1%								
Location : Basement								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Basement								
Metal: Cage/Fence	3%			LIFE	* *	10	$300	
Plaster	67%			LIFE	* *	5-10	$23,700	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Throughout Basement, Exit 4, Room 207								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$1,000	
Ceilings								
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$13,800	
Plaster	75%			LIFE	* *	5-10	$56,900	
Recent Repair Evident, Extent : N/A, Area Affected : 1%								
Location : Exit 4								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2043	* *			
Iron Picket	40%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$24,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Pavers/Stone	5%	Now	$1,400	2036	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Exterior Entry Stairs								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Entry Stairs								
Explanation : These Are Actually Marble Treads. This Area Is Under Construction And Fenced								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$100	
Raceway								
Conduit	90%			2033	$55,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$500	
Wiring								
Braided Cloth	70%	0-2	$54,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$300	
Corroded, Extent : Light, Area Affected : 100%								
Location : Sprinkler Room								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$20,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building. T8 Fixtures Installed About 3 Years Ago.								
Incandescent	3%			2028	$19,100	2		
LED	2%			2038	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Cafeteria								
Egress Lighting								
Emergency, Battery	50%			2028	$19,300	10	$2,800	
Exit, LED	50%			2068	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
LED	10%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$8,600	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$14,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3,000 Gallon Fuel Tank								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$22,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$7,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Controls								
Pneumatic	100%	0-2	$222,300	2031	$444,500			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Thermostats And Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	25%	0-2	$21,800	2033	$21,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Window/Wall Unit	70%			2031	$61,000	1		
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$6,100	
No Component	70%							
Exhaust Fans								
Interior	20%			2028	$20,400	2	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
No Component	80%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Electric	50%			2031	$11,800	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 50 Gallon Unit Is Backup To Gas Unit. Quantity 1								
Gas Fired	50%			2028	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 65 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$4,600	4	$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2053	* *	1-2	$1,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 43 - Q (TANDEM P. S. 256 - Q)**
Address : **160 BEACH 29TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0987.000 / 4470**
Area Sq Ft : **139,879**
Date of Survey : **21-Feb-2019**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **15820** **Lot** : **1**

Agency's Number : **Q043**
Yr Built/Renovated : **1996 / 2015**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4467711**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$232,800	$263,800
Interior Architecture	$179,300	$60,500
Electrical		$2,742,400
Mechanical	$2,306,600	$5,308,800
Site Pavements	$205,000	
Total	**$2,923,700**	**$8,375,400**
Importance Code A	$232,800	$263,800
Importance Code B	$2,485,900	$8,051,100
Importance Code C	$205,000	$60,500
Total	**$2,923,700**	**$8,375,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$230,000			$24,900
Electrical	$19,500	$16,000	$13,600	$14,400
Mechanical	$136,900	$61,200	$79,000	$42,900
Site Pavements	$31,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$425,600**	**$85,100**	**$100,500**	**$90,100**
Importance Code A	$13,900	$14,200	$13,900	$13,900
Importance Code B	$407,800	$70,900	$86,600	$76,200
Importance Code C	$4,000			
Total	**$425,600**	**$85,100**	**$100,500**	**$90,100**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$193,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$70,000	
Windows								
Aluminum	95%	Now	$232,800	2046	* *	5	$24,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Various Locations, Stairs B And C								
Metal Louvers	5%			2039	* *	10	$16,100	
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5	$14,000	
Masonry: Brick Cavity	50%			LIFE	* *	5	$13,800	
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Roof								
Asphalt Shingle	65%			2039	* *	10	$13,600	
Plaza Roof: Stone Panels	35%			2056	* *			
Other Observation, Extent : N/A, Area Affected : 35%								
Location : Lower Roof								
Explanation : New Install								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$4,000	
Interior								
Floors								
Carpet	5%	Now	$185,100	2032	$185,100	3	$15,700	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%								
Location : Library								
Cast in Place Concrete	10%	4+	$35,600	LIFE	* *	5	$45,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room, Basement								
Ceramic Tile	5%			2039	* *	5	$10,500	
Vinyl Tile	75%	4+	$86,800	2035	* *	3	$58,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	5%			2058	* *	5	$19,600	
Interior Walls								
Ceramic Tile	2%			2039	* *	5	$8,000	
Concrete Masonry Unit	38%			LIFE	* *	5	$60,500	
Gypsum Board	20%			LIFE	* *	5	$47,700	
Masonry: Limestone	5%			LIFE	* *			
SGFT/Glazed Masonry	35%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2043	* *	5	$57,500	
AcousTile,Adhered	5%	Now	$92,600	2050	* *	5	$4,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Corridors Near 422, 420, 414, 405 And 407								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Corridors Near Room 420								
Exposed Struc: Concrete	40%			LIFE	* *	5	$12,000	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	18%			LIFE	* *	5	$43,100	
Metal Panel	2%			LIFE	* *	5	$4,800	
Site Enclosure								
Fence/Gates								
Chain Link	45%			2050	* *			
Iron Picket	55%			2065	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$31,300	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Seagirt Avenue								
On-Site Walkways								
Asphalt	5%			2039	* *			
Cast in Place Concrete	5%			2043	* *			
Pavers/Stone	90%	Now	$205,000	2039	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2035	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room And Penthouse								
Explanation : One 300 Kilovolt-ampere, One 75 Kilovolt-ampere And One 45 Kilovolt-ampere, 480 High Voltage - 208/120 Low Voltage								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$600	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$300	
Molded Case Bkrs	90%			2038	* *	5	$3,300	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	30%			2035	* *	5	$300	
Motor Control Center	70%			2035	* *	5	$2,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$43,000	
Generators								
Diesel	100%			2033	$138,700	1	$54,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 400 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$5,200	
Fuel Storage								
Main Tank	100%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	78%			2030	$1,626,400	10	$100,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2030	$417,000	10	$25,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	60%			2030	$51,700	1		
Exit, Service	40%			2030	$24,100	1		
Exterior Lighting								
HID	30%			2030	$195,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$78,800	1	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Cafeteria, Exit Doors And Some Offices								
Explanation : CCTV Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$108,200	1-3	$26,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$138,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 New Boilers								

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DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	5%	Now	$300	2038	* *	4	$300	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Penthouse, Air Handler								
Hot Wtr Piping/Pump	20%			2038	* *	4	$1,400	
Steam Piping/Pump	5%	0-2	$11,200	2040	* *			
Controller Not Working, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Return Line And Vacuum Pump, Penthouse.								
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Condensate Return System, Penthouse								
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : Penthouse								
Explanation : The Thermostats Do Not Communicate With The Blowers								
Steam Piping/Pump	70%			2040	* *			
Terminal Devices								
Air Handler	75%			2030	$1,974,200	1	$64,900	
Convector/Radiator	25%			2035	* *	1	$11,300	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	0-2	$41,300	2025	$2,063,600	1	$58,400	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$2,714,200	1	$86,500	
Heat Rejection								
Air Cooled Condenser Unit	100%	0-2	$243,000	2040	* *	2	$77,900	
Corroded, Extent : Moderate, Area Affected : 80%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 9 Obsolete Units								
Ventilation								

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DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	30%	0-2	$36,900	LIFE	* *	2-5	$23,400	
Unbalanced System, Extent : Moderate, Area Affected : 60%								
Location : It Caused By Fire Dampers Degree Of Opening, Various Locations.								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$54,600	
Exhaust Fans								
Interior	100%			2030	$620,400	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	10%			2028	$2,400	4		
Gas Fired	90%			2029	$15,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 600 Gallons								
Sanitary Piping								
Cast Iron	10%	Now	$3,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : It Causes Flooding In Basement, Outside Underground On 29th Street								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	0-2	$4,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$3,000	
Sewage Ejector(s)								
Electric	100%	0-2	$1,500	2038	* *	4	$5,600	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Backflow Preventer								
Generic	100%			2035	* *	1	$8,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$70,500	

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DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$2,000	
Fire Pump								
Generic	100%			2039	* *	1	$26,100	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 44 - BK**		
Address	: **432 MONROE STREET BETWEEN MARCUS GARVEY BLVD, & THROOP AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K044**
Program / Asset #	: **BOE0374.000 / 2518**	**Yr Built/Renovated**	: **1951 / 2010**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1821** **Lot** : **1**	**BIN**	: **3051540**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$179,400	$167,700
Interior Architecture	$1,815,600	$7,729,300
Electrical	$87,500	$333,800
Mechanical	$63,300	$4,543,700
Site Enclosure	$50,800	
Site Pavements	$127,600	
Total	**$2,324,200**	**$12,774,500**
Importance Code A	$242,600	$167,700
Importance Code B	$1,912,500	$12,606,900
Importance Code C	$169,100	
Total	**$2,324,200**	**$12,774,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$60,500		$48,300	
Interior Architecture	$336,100		$2,700	$9,500
Electrical	$17,800	$7,700	$9,500	$7,700
Mechanical	$48,500	$27,400	$23,200	$18,100
Site Enclosure	$4,100			
Site Pavements	$3,700			
Total	**$470,700**	**$35,100**	**$83,800**	**$35,300**
Importance Code A	$60,500	$7,200	$55,500	$7,200
Importance Code B	$274,400	$27,900	$28,200	$28,100
Importance Code C	$135,800			
Total	**$470,700**	**$35,100**	**$83,800**	**$35,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$8,400	
Masonry: Brick	85%			LIFE	* *	5	$227,100	
Masonry: Limestone	5%			LIFE	* *	5	$10,000	
Granite Panels	5%			LIFE	* *	5	$10,000	
Windows								
Aluminum	98%	Now	$65,800	2049	* *	5	$13,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	2%			2036	* *	10	$3,500	
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$50,600	
Masonry: Limestone	10%	Now	$3,100	LIFE	* *	5	$1,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof Along Monroe Street								
Metal Rail	30%			2046	* *	5-10	$66,800	
Roof								
Built-Up (BUR)	94%			2038	* *	10	$54,100	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	2%			2061	* *	10	$2,900	
Metal Panel	4%			2046	* *	10	$4,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$47,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Boiler Room								
Ceramic Tile	5%	Now	$30,600	2042	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Kitchen And Toilets On 1st And 3rd Floors								
Terrazzo	5%	2-4	$25,400	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	30%	2-4	$45,000	2038	* *	3	$12,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	Now	$1,533,600	2028	$7,668,200	3	$16,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout, 2nd And 3rd Floor Corridor								
Wood	10%	Now	$64,800	2048	* *	5	$10,200	
Deflection Evident, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Split/Cracked, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	0-2	$27,700	2042	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen And Toilets On 1st And 3rd Floors								
Concrete Masonry Unit	10%	Now	$37,800	LIFE	* *	5	$8,000	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Fan Room And Boiler Room								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Glazed Ceramic Panel	5%	2-4	$38,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Main Lobby								
Masonry: Brick	5%			LIFE	* *	10	$3,000	
Plaster	50%			LIFE	* *	5-10	$85,500	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$25,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$10,900	
AcousTileSusp.Lay-In	5%			2046	* *	5	$5,400	
Staining/Discoloring, Extent : Light, Area Affected : 30%								
Location : Gymnasium								
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$33,900	
Metal Panel	45%	0-2	$161,900	LIFE	* *	5	$61,100	
Deformed/Dented, Extent : Light, Area Affected : 20%								
Location : Kitchen And Corridors Throughout								
Loose Units, Extent : Light, Area Affected : 5%								
Location : Kitchen And Corridors Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 15%								
Location : Kitchen And Corridors Throughout								
Plaster	15%	Now	$49,600	LIFE	* *	5	$10,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium And Classrooms On 3rd Floor								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Auditorium And Classrooms On 3rd Floor								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Auditorium And Classrooms On 3rd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2053	* *			
Iron Picket	95%	Now	$50,800	2053	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Along Throop Avenue And Monroe Street								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Madison Street								
Retaining Walls								
Cast in Place Concrete	100%	Now	$4,100	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Loading Dock								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	5%	Now	$600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : At Loading Dock								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : At Loading Dock								
Cast in Place Concrete	90%	Now	$62,900	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : East Walkway								
Ponding, Extent : Severe, Area Affected : 10%								
Location : East walkway								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Around Loading Dock								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : East Walkway								
Explanation : Water Penetration To Basement								
Masonry: Granite	5%	Now	$3,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : At Exits Throughout								
Activity Yard								
Asphalt	100%	0-2	$64,600	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	30%			2033	$60,500	1		
Conduit	70%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	0-2	$87,500	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2053	* *	1		
Motor Controllers								
Locally Mounted	97%			2046	* *	5	$500	
Variable Frequency Drive	3%			2050	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	97%			2038	* *	10	$64,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	3%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	45%			2028	$54,800	10	$7,900	
Emergency, Battery	5%			2038	* *	10	$900	
Exit, Service	45%			2028	$14,100	1		
Exit, Service	5%			2038	* *	1		
Exterior Lighting								
HID	9%			2028	$34,400	10		
Incandescent	1%			2028	$4,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Wall								
Explanation : Incandescent Lights								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
No Component	95%							
Generic	5%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stacks Only								
Explanation : Lightning Rods								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$153,900	1	$30,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$50,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$63,300	2038	* *	1	$64,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Both Boilers Need To Be Re-tubed								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2033	$581,100			
Terminal Devices								
Air Handler	20%			2033	$273,100	1	$9,000	
Convector/Radiator	80%			2031	$474,700	1	$18,800	
Controls								
Digital	100%			2028	$2,355,100			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$86,200			
Window/Wall Unit	70%			2028	$192,400	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,100	
Exhaust Fans								
Interior	90%			2033	$289,700	2	$2,000	
Roof	10%			2033	$14,100	2	$200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$185,300	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$12,800	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 5%								
Location : Back Yard								
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$2,600	
Sewage Ejector(s)								
Electric	100%			2028	$42,900	4	$4,900	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Water Services								
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2028	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Gallon Tank								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,000	
Chemical System								
Generic	100%			2031	$106,100	1-3	$96,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Size Is 26 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 44 - SI**		
Address	: **80 MAPLE PARKWAY**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R044**
Program / Asset #	: **BOE0930.000 / 1437**	**Yr Built/Renovated**	: **1927 / 2008**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1218** **Lot** : **1**	**BIN**	: **5027641**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$685,900	$591,300
Interior Architecture	$1,873,400	$1,304,200
Electrical	$86,300	$1,416,400
Mechanical	$621,100	$3,546,200
Site Pavements		$122,200
Total	**$3,266,700**	**$6,980,200**
Importance Code A	$685,900	$591,300
Importance Code B	$2,320,800	$6,389,000
Importance Code C	$260,100	
Total	**$3,266,700**	**$6,980,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,100		$2,000	
Interior Architecture	$196,700		$19,100	$6,000
Electrical	$6,500	$8,100	$37,200	$6,600
Mechanical	$48,200	$14,100	$43,800	$16,500
Site Enclosure	$16,200			
Site Pavements	$126,300			
Total	**$458,900**	**$22,200**	**$102,200**	**$29,200**
Importance Code A	$73,800	$8,600	$10,900	$8,600
Importance Code B	$269,300	$13,600	$91,300	$20,600
Importance Code C	$115,800			
Total	**$458,900**	**$22,200**	**$102,200**	**$29,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$241,600	LIFE	* *	5	$146,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Adjacent To Side Entrance								
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$5,800	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$40,700	2039	* *	5	$21,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Aluminum	5%			2053	* *	5	$2,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Parapets								
Masonry: Brick	85%	Now	$444,300	LIFE	* *	5	$17,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$2,600	
Metal Panel	5%			2041	* *	5	$4,000	
Roof								
Copper/Terne	5%	Now	$24,400	2046	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	60%			2039	* *	10	$37,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Single Ply Membrane	35%			2031	$444,600	10	$21,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	25%	0-2	$68,500	LIFE	* *	5	$88,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Storage Rooms And Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$22,700	2040	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%	2-4	$15,100	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%	Now	$55,600	2031	$1,112,800	3	$15,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	0-2	$28,400	2026	$1,421,900	3	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	35%	0-2	$67,300	2046	* *	5	$52,900	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Interior Walls								
Cast in Place Concrete	10%	Now	$132,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	Now	$48,000	2034	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%	0-2	$30,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	Now	$127,400	LIFE	* *	5	$31,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$8,100	
AcousTileConcealSpLn	15%			2036	* *	5	$30,200	
AcousTileSusp.Lay-In	5%	Now	$2,700	2044	* *	5	$4,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	20%			LIFE	* *	5	$5,000	
Metal Panel	5%			LIFE	* *	5	$10,100	
Plaster	50%	Now	$49,000	LIFE	* *	5	$50,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2041	* *			
Iron Picket	20%	0-2	$4,200	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	50%			2051	* *			
Masonry: Brick	50%	Now	$12,000	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$29,200	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$5,600	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Schoolyard And Along Maple Parkway								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$27,200	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Containers								
Activity Yard								
Asphalt	25%			2044	* *			
Asphalt	52%	0-2	$33,600	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	15%	0-2	$30,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Schoolyard								
Rubber Matting	8%			2031	$122,200			

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	20%			2051	* *	1		
Conduit	80%			2031	$161,400	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$200	
Fused Toggle Switch	1%			2030	$2,400	5		
Molded Case Bkrs	24%			2047	* *	5	$600	
Molded Case Bkrs	65%			2030	$155,700	5	$1,700	
Wiring								
Thermoplastic	80%			2031	$233,400	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	97%			2036	* *	10	$86,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2026	$26,900	2		
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2031	$65,100	10	$9,400	
Exit, Battery	50%			2036	* *	10	$3,300	
Exterior Lighting								
HID	99%			2031	$448,100	10	$300	
LED	1%			2039	* *			
Alarm								
Security System								
Generic	50%			2036	* *	1	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2039	* *	1	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2031	$125,100	1-3	$29,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Oil Tank								
Conversion Equipment								
Furnace	20%			2036	* *	1	$9,600	
Steam Boiler	80%			2044	* *	1	$76,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2031	$2,727,600	4	$4,800	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	30%	Now	$11,000	2026	$547,600	1	$16,200	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Bearings, Motors, Fan Room, Basement								
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Basement, Fan Room								
Convector/Radiator	20%			2044	* *	1	$6,300	
Convector/Radiator	40%			2029	$317,300	1	$12,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2031	$240,500	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2036	* *	2	$1,200	
Window/Wall Unit	20%			2026	$73,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Throughout, Multiple Mechanical Defects								
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$37,900	
No Component	70%							
Heat Rejection								
Evaporative Condenser	100%			2036	* *	2	$67,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,100	
Exhaust Fans								
Interior	30%			2031	$129,100	2	$900	
Roof	70%			2031	$131,800	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Electric	10%			2029	$2,400	4		
Gas Fired	90%			2029	$15,400	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	Now	$10,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Playground								
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Next To House Trap In Basement								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,900	2031	$19,400	4	$2,000	
Broken, Extent : Severe, Area Affected : 20%								
Location : Boiler Room, 2/2 Defective Sump Pumps								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	5%			2041	* *	1-2	$1,400	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement Of Original Building								
Generic	20%			2051	* *	1-2	$5,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 45 - BK**
Address : **84 SCHAEFER STREET @EVERGREEN AVE.**
Borough : **BROOKLYN**
Agency's Number : **K045**
Program / Asset # : **BOE0375.000 / 1400**
Yr Built/Renovated : **1966 / 2009**
Area Sq Ft : **118,000**
Project Type : **EDUCATION**
Date of Survey : **25-Jan-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3427** **Lot** : **11** **BIN** : **3079428**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$372,700	$438,800
Interior Architecture	$350,600	$250,100
Electrical	$273,500	$1,238,100
Mechanical	$1,028,500	$3,984,900
Site Pavements	$60,700	
Total	**$2,085,900**	**$5,911,900**
Importance Code A	$1,401,200	$490,100
Importance Code B	$588,700	$5,421,700
Importance Code C	$96,000	
Total	**$2,085,900**	**$5,911,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$94,700		$6,300	
Interior Architecture	$139,800			$22,400
Electrical	$12,800	$11,000	$13,600	$12,500
Mechanical	$97,700	$22,700	$28,300	$16,900
Site Enclosure	$31,300			
Total	**$376,200**	**$33,700**	**$48,300**	**$51,800**
Importance Code A	$94,700	$11,700	$18,000	$11,700
Importance Code B	$208,700	$22,000	$30,300	$33,200
Importance Code C	$72,800			$6,900
Total	**$376,200**	**$33,700**	**$48,300**	**$51,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$144,600	
Masonry: Brick	70%	0-2	$66,700	LIFE	* *	5	$40,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Courtyard								
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Stair Tower At Roof								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Courtyard								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Courtyard								
Explanation : Netting Installed On Courtyard Walls								
Metal: Cage/Fence	5%			2046	* *	5	$12,700	
Windows								
Aluminum	100%			2049	* *	5	$21,100	
Parapets								
Metal Rail	100%			2046	* *	5-10	$286,000	
Roof								
Built-Up (BUR)	60%	Now	$49,600	2038	* *			
Blisters, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Into Stair Bulkhead								
Modified Bitumen	5%			2038	* *	10	$7,100	
Paver: Asphalt	35%	Now	$34,500	2042	* *			
Drains Clogged, Extent : Moderate, Area Affected : 20%								
Location : Roof Plaza								
Soffits								
Cast in Place Concrete	100%	0-2	$60,100	LIFE	* *	5	$254,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$50,500	
Ceramic Tile	5%	Now	$23,300	2042	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$7,700	
Traffic Topping	10%			2038	* *	5	$20,600	
Vinyl Tile	75%	0-2	$68,400	2038	* *	3	$46,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	8%			2042	* *	5	$13,900	
Concrete Masonry Unit	45%			LIFE	* *	5	$62,400	
Folding Partition	2%	Now	$96,000	2041	* *	5	$4,300	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 2nd And 3rd Floor Classrooms								
Glazed Ceramic Panel	5%			LIFE	* *	10	$7,800	
Masonry: Brick	5%			LIFE	* *	10	$2,600	
Plaster	10%			LIFE	* *	5-10	$14,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$21,700	
Ceilings								
AcousTile,Adhered	10%	Now	$51,600	2038	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	25%	Now	$64,500	2038	* *	5	$25,100	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Stair E And F								
Exposed Struc: Concrete	40%			LIFE	* *	5-10	$80,200	
Fiber Board	10%			2033	$250,100			
Plaster	15%	0-2	$14,600	LIFE	* *	5	$15,000	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : 3rd Floor Clasrroms And Bathrooms								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$31,300	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$60,700	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Decatur Street								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	80%			2042	* *			
Rubber Matting	20%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$234,100	5	$500	
Fused Disc Sw	10%			2053	* *	5	$100	
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	85%			2032	$203,600	5	$2,600	
Molded Case Bkrs	10%			2032	$24,000	5	$300	
Wiring								
Braided Cloth	80%	2-4	$273,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$102,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$14,200	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$221,500	1	$44,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$72,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$274,400	5	$36,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	0-2	$1,028,500	2053	* *	1	$105,200	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Both Boilers								
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : Boiler No.1								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Bad Condition. Tubes Of No.2 Boiler. Both Burners Leaking.								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	$944,900			
Terminal Devices								
Air Handler	25%			2028	$555,100	1	$18,200	
Convector/Radiator	75%			2031	$723,700	1	$28,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	60%			2028	$268,200	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$3,800	
No Component	90%							

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DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$8,200	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,200	
Exhaust Fans								
Interior	40%			2028	$209,300	2	$1,400	
Roof	60%			2028	$137,400	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$301,300	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$570,600	4	$17,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : One Unit, Not Energy Efficient.								
Sanitary Piping								
Cast Iron	100%	0-2	$29,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Court Yard								
Storm Drain Piping								
Cast Iron	100%	0-2	$20,800	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Non-Submersible	100%			2028	$23,600	4	$3,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$49,000	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 45 - BK ANNEX (OL BSH-RDGWD ECC1)**				
Address	: **1160 DECATUR STREET @CENTRAL AVENUE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K842**
Program / Asset #	: **BOE0375.010 / 2753**			**Yr Built/Renovated**	: **1973 / 2007**
Area Sq Ft	: **9,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Feb-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **3434**	**Lot**	: **28**	**BIN**	: **3079714**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$335,000
Electrical		$270,800
Mechanical		$146,600
Total		**$752,400**
Importance Code B		$752,400
Total		**$752,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,100			$8,700
Interior Architecture	$17,500			$1,500
Electrical	$600	$800	$700	$5,700
Mechanical	$7,600	$1,100	$1,100	$1,100
Site Pavements	$2,800			
Total	**$29,700**	**$1,900**	**$1,800**	**$17,100**
Importance Code A	$1,100	$800		$9,600
Importance Code B	$28,500	$1,100	$1,800	$7,500
Importance Code C				
Total	**$29,700**	**$1,900**	**$1,800**	**$17,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 45 - BK ANNEX (OL BSH-RDGWD ECC1)
Asset # : 2753

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	60%			LIFE	* *	5	$7,000	
Metal Panel	40%			2052	* *	5-10	$31,900	
Windows								
Aluminum	100%			2054	* *	5	$2,300	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$6,700	
Masonry: Limestone	10%			LIFE	* *	5	$900	
Roof								
IRMA/Protected Membrane	100%			2040	* *	10	$26,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : No Access								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$9,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,500	
Ceramic Tile	5%	0-2	$800	2041	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Bathroom								
Vinyl Tile	90%	0-2	$16,700	2032	$335,000	3	$4,500	
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Room Adjacent To Street Corner, Sever Sloped Floor								
Interior Walls								
Concrete Masonry Unit	85%			LIFE	* *	5	$8,100	
Gypsum Board	15%			LIFE	* *	5	$2,200	
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5	$2,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	100%	2-4	$2,800	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 45 - BK ANNEX (OL BSH-RDGWD ECC1)
Asset # : 2753

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$65,000	5		
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	10%			2031	$3,000	5		
Molded Case Bkrs	90%			2031	$26,900	5	$200	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$134,200	10	$8,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2032	$2,800	1		
Exit, Service	50%			2032	$1,900	1		
Exterior Lighting								
LED	10%			2040	* *			
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$5,100	1	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 45 - BK ANNEX (OL BSH-RDGWD ECC1)
Asset # : 2753

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Radiant Heater	100%			2037	* *	2	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 8 Units								
Terminal Devices								
Induction Unit	100%			2041	* *	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	0-2	$7,300	2030	$146,600	2	$400	
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,000	
Exhaust Fans								
Roof	40%			2032	$7,000	2	$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2045	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 45 - Q**		
Address	: **126-28 150 STREET BTWN: ROCKAWAY BLVD., SUTTER A**		
Borough	: **QUEENS**	**Agency's Number**	: **Q045**
Program / Asset #	: **BOE0703.000 / 2650**	**Yr Built/Renovated**	: **1928 / 1998**
Area Sq Ft	: **57,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2**		
Block	: **12104** **Lot** : **1**	**BIN**	: **4262725**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,087,600	$125,700
Interior Architecture	$5,206,800	$204,400
Electrical	$159,700	$1,369,200
Mechanical		$1,430,600
Site Enclosure	$53,400	
Site Pavements	$107,700	
Total	**$6,615,300**	**$3,129,900**
Importance Code A	$1,087,600	$125,700
Importance Code B	$3,491,600	$2,953,300
Importance Code C	$2,036,100	$50,900
Total	**$6,615,300**	**$3,129,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,000			
Interior Architecture	$3,000			$7,100
Electrical	$28,200	$5,400	$5,400	$7,000
Mechanical	$70,500	$9,100	$12,600	$8,500
Site Pavements	$30,200			
Total	**$179,900**	**$14,500**	**$18,000**	**$22,600**
Importance Code A	$53,700	$5,600	$5,600	$5,600
Importance Code B	$123,300	$8,900	$12,400	$17,000
Importance Code C	$2,900			
Total	**$179,900**	**$14,500**	**$18,000**	**$22,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$32,500	LIFE	* *	5	$32,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Bands								
Masonry: Brick	90%	Now	$606,300	LIFE	* *	5	$73,600	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Lunch Room, Basement Mechanical Rooms, Perimeter Of Building Below Exterior Masonry Walls								
Masonry: Limestone	2%			LIFE	* *	5	$2,500	
Metal Panel	3%			2053	* *	5-10	$16,900	
Windows								
Aluminum	100%	Now	$412,800	2041	* *	5	$14,400	
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$80,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Parapets Are Being Reconstructed								
Masonry: Limestone	10%			LIFE	* *	5-10	$15,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Parapets Are Being Reconstructed								
Roof								
Built-Up (BUR)	95%			2043	* *	10	$52,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Roofing Being Replaced								
Copper/Terne	5%			2061	* *	10	$6,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$245,200	2048	* *	5	$2,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Girls Toilet Near Stair D, Bathrooms Throughout								
Horizontal Cracks, Extent : Severe, Area Affected : 20%								
Location : Throughout Bathrooms								
Terrazzo	5%	Now	$122,000	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : First Floor Lobby And Hallways								
Uneven Surface, Extent : Severe, Area Affected : 2%								
Location : Cafeteria Entrances								
Vinyl Tile	64%	Now	$1,537,500	2043	* *	3	$20,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout, 202, 203								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Surface, Extent : Severe, Area Affected : 100%								
Location : Cupping Of Tile Throughout Buidling. Most Severe At 2nd Floor Where Extensive Leaks Have Impacted All Interior Surfaces								
Vinyl Tile 9" X 9"	1%			2033	$153,500	3	$400	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Room B2								
Explanation : Vat								
Wood	25%			2048	* *	5	$40,800	
Interior Walls								
Ceramic Tile	5%	Now	$536,800	2048	* *	5	$4,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Student Bathrooms Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Student Bathrooms Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Student Bathrooms Throughout								
Masonry: Brick	5%			LIFE	* *	10	$2,900	
Marble Panels	3%	Now	$1,032,800	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout Lobby And First Floor								
Diagonal Cracks, Extent : Severe, Area Affected : 100%								
Location : Throughout Lobby And First Floor								
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : Throughout Lobby And First Floor								
Plaster	87%	0-2	$413,100	LIFE	* *	5	$50,900	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Throughout Classrooms And Main Entrance Vestibule								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%	0-2	$195,500	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Basement Exterior Wall Perimeter, Especially At 49th Street								
Plaster	85%	Now	$1,124,100	LIFE	* *	5	$46,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Staircase C, Staircase A								
Water Penetration, Extent : Severe, Area Affected : 75%								
Location : Throughout Second Floor Classrooms. Severe Damage Due To Roof Leaks								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2053	* *			
Iron Picket	30%	Now	$53,400	2077	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 150th Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$30,200	2046	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Sutter Avenue Near Tree Pit								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	95%	0-2	$107,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	5%			2033	$33,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$200	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	9%			2032	$12,600	5	$100	
Fused Disc Sw	1%			2055	* *	5		
Fused Knife Sw	10%	2-4	$14,000	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Molded Case Bkrs	75%			2032	$104,800	5	$1,100	
Molded Case Bkrs	5%			2055	* *	5	$100	
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	$20,000	1		
Thermoplastic	10%			2059	* *	1		
Motor Controllers								
Locally Mounted	20%			2031	$14,300	5	$100	
Locally Mounted	80%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$815,700	10	$50,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$47,800	10	$6,900	
Exit, Service	50%			2028	$12,300	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
Generic	100%			2028	$107,000	1	$21,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$147,000	1-3	$36,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Fire Alarm Panel And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$56,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%	0-2	$36,500	2043	* *			
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Tubes Of Air Handler Are Disconnected For Unknown Reason.								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Steam Piping/Pump	80%			2043	* *			
Terminal Devices								
Air Handler	20%			2033	$214,500	1	$7,100	
Convector/Radiator	50%			2031	$233,100	1	$9,200	
Fan Coil Unit/Heat	30%			2028	$424,000	1	$5,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2032	$151,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,300	
Exhaust Fans								
Interior	75%			2033	$189,600	2	$1,300	
Not Accessible	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Roof Is Not Accessible								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$218,300	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 100 Gallons Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	0-2	$7,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Water Backs Up At Staircase C, Lunch Area Boys Room, Girls Room And Back Yard When It Rains								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$11,400	4	$1,800	
Backflow Preventer								
Generic	100%			2033	$25,500	1	$3,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$39,400	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 45 - SI**
Address : **58 LAWRENCE AVE. @ MORRISON AVE**
Borough : **STATEN ISLAND**
Agency's Number : **R045**
Program / Asset # : **BOE0931.000 / 2525**
Yr Built/Renovated : **1927 / 2009**
Area Sq Ft : **73,000**
Project Type : **EDUCATION**
Date of Survey : **23-Dec-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **276** **Lot** : **7** **BIN** : **5007417**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$330,100	$180,100
Interior Architecture	$874,400	$702,500
Electrical	$330,300	$729,400
Mechanical		$1,242,000
Site Enclosure	$331,700	
Site Pavements	$219,600	$91,800
Total	**$2,086,100**	**$2,945,800**
Importance Code A	$330,100	$180,100
Importance Code B	$969,200	$2,765,700
Importance Code C	$786,800	
Total	**$2,086,100**	**$2,945,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$112,400		$5,300	
Interior Architecture	$151,400		$2,700	$2,700
Electrical	$24,000	$11,900	$12,100	$13,700
Mechanical	$100,900	$11,700	$15,600	$9,500
Site Pavements	$11,600			
Total	**$400,200**	**$23,600**	**$35,700**	**$25,900**
Importance Code A	$119,000	$6,600	$11,900	$6,600
Importance Code B	$197,700	$17,000	$23,800	$19,300
Importance Code C	$83,500			
Total	**$400,200**	**$23,600**	**$35,700**	**$25,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	2-4	$49,600	LIFE	* *	5	$48,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Entry And Windows Sillls								
Masonry: Brick	90%			LIFE	* *	5	$224,300	
Masonry: Limestone	5%			LIFE	* *	5	$9,300	
Windows								
Aluminum	98%			2049	* *	5	$32,600	
Wood	2%	Now	$16,000	2041	* *	5	$3,300	
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Basement Boiler Room								
Dry Rot/Decay, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Basement Boiler Room								
Parapets								
Masonry: Brick	65%			LIFE	* *	5-10	$105,200	
Masonry: Limestone	10%			LIFE	* *	5-10	$28,800	
Metal Panel	20%			2053	* *	5	$18,300	
Metal: Cage/Fence	5%			2046	* *	5-10	$9,200	
Roof								
Built-Up (BUR)	75%			2038	* *	10	$68,000	
Drains Clogged, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Copper/Terne	2%			2073	* *	10	$4,500	
Single Ply Membrane	23%	Now	$128,100	2038	* *			
Debris Present, Extent : Moderate, Area Affected : 5%								
Location : Low Roof Corridor								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout Low Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$94,400	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout Basement								
Ceramic Tile	2%	Now	$6,100	2042	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Terrazzo	3%			LIFE	* *	5	$5,100	
Vinyl Tile	20%	Now	$59,600	2033	$596,300	3	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Wood	55%	Now	$177,000	2048	* *	5	$55,600	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Throughout Classrooms And Cafeteria								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms								
Interior Walls								
Cast in Place Concrete	5%	Now	$47,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	2%	Now	$13,800	2042	* *	5	$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Teachers Toilets								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Masonry: Brick	10%	Now	$119,100	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout Basement And Stairs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement And Stairs								
Marble Panels	5%			LIFE	* *	10	$2,500	
Plaster	65%	Now	$395,600	LIFE	* *	5	$24,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms And Toilet								
SGFT/Glazed Masonry	13%			LIFE	* *	10	$8,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2046	* *	5	$5,400	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$27,000	
Plaster	75%	Now	$123,100	LIFE	* *	5	$50,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$210,800	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : West Side Of Lot								
Iron Picket	25%	Now	$61,300	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : North Side								
Retaining Walls								
Cast in Place Concrete	100%	Now	$59,600	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : West Side And Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$79,800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$11,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	90%	Now	$139,800	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rubber Matting	10%			2033	$91,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	85%			2033	$122,900	1		
Conduit	15%			2043	* *	1		
Panelboards								
Fused Disc Sw	3%			2041	* *	5	$100	
Fused Disc Sw	7%			2032	$12,600	5	$100	
Fused Knife Sw	40%	2-4	$71,800	2058	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Basement, 1st, 2nd And 3rd Floor								
Molded Case Bkrs	40%			2032	$71,800	5	$800	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$119,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	20%			2031	$23,900	5	$100	
Locally Mounted	80%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$22,500	
Generators								
Diesel	100%	Now	$138,700	2048	* *	1	$25,400	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Generator Room. Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Basement								
Explanation : One 45 Kilowatt								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	30%			2032	$7,700	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Basement								
Explanation : One 10 Gallon Tank								
Main Tank	70%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Basement								
Explanation : One 1200 Gallon								
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$63,500	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	$21,500	10	$1,300	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
LED	2%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Led Light Fixture								
Egress Lighting								
Emergency, Battery	50%			2028	$60,500	10	$8,700	
Exit, Service	50%			2028	$15,500	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$68,500	1	$13,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Security Cameras System								
Generic	50%			2028	$68,500	1	$13,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$188,300	1-3	$46,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	15%			2053	* *	1		
Interruptible Gas/Dual Fuel	85%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 85%								
Location : Basement Vault								
Explanation : One 8000 Gallon Tank								
Conversion Equipment								
Furnace	15%			2038	* *	1	$5,400	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Roof Of Annex								
Explanation : Three Rooftop Units Providing Both Heat And Air Conditioning								
Steam Boiler	85%			2038	* *	1	$60,700	
Other Observation, Extent : Light, Area Affected : 85%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$40,600	2043	* *	4	$3,600	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Terminal Devices								
Air Handler	25%			2033	$339,200	1	$11,200	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room								
Convector/Radiator	50%			2038	* *	1	$11,600	
Fan Coil Unit/Heat	25%			2028	$446,900	1	$5,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2038	* *	2	$700	
Window/Wall Unit	10%			2028	$27,300	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,700	
Exhaust Fans								
Interior	85%	0-2	$27,200	2028	$271,800	2	$1,500	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement								
Roof	15%			2038	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$184,100	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	50%			2028	$11,800	4		
Gas Fired	50%			2028	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$14,600	4	$2,300	
Sewage Ejector(s)								
Electric	100%			2033	$38,200	4	$4,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 46 - BK**
Address : **100 CLERMONT AVENUE BTWN MYRTLE AVE. - PARK AVE.**
Borough : **BROOKLYN**
Agency's Number : **K046**
Program / Asset # : **BOE0376.000 / 1401**
Yr Built/Renovated : **1960 / 2000**
Area Sq Ft : **83,000**
Project Type : **EDUCATION**
Date of Survey : **17-Jun-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2045** **Lot** : **11**
BIN : **3058088**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$87,100	$50,300
Interior Architecture	$3,633,900	$2,055,000
Electrical	$347,000	$764,700
Mechanical	$175,900	$2,937,900
Total	**$4,243,900**	**$5,807,900**
Importance Code A	$87,100	$773,700
Importance Code B	$4,156,800	$5,034,200
Total	**$4,243,900**	**$5,807,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,800			$21,800
Interior Architecture	$51,200	$5,100	$9,300	$5,800
Electrical	$2,000	$2,800	$2,900	$62,400
Mechanical	$106,400	$23,900	$24,400	$30,300
Site Enclosure	$15,900			
Site Pavements	$19,900			
Total	**$208,200**	**$31,800**	**$36,600**	**$120,300**
Importance Code A	$48,900	$8,200	$8,200	$30,200
Importance Code B	$108,600	$21,500	$28,400	$90,100
Importance Code C	$50,700	$2,100		
Total	**$208,200**	**$31,800**	**$36,600**	**$120,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$50,300	
Windows								
Aluminum	100%			2048	* *	5	$24,000	
Parapets								
Masonry: Brick	80%	Now	$12,800	LIFE	* *	5	$5,000	
Miss/Damaged Flashings, Extent : Severe, Area Affected : 2%								
Location : Parapet Wall								
Metal Panel	5%			2052	* *	5	$1,200	
Metal: Cage/Fence	15%			2037	* *	5-10	$7,300	
Roof								
Built-Up (BUR)	95%			2037	* *	10	$87,100	
Copper/Terne	5%			2060	* *	10	$11,500	
Soffits								
Stucco Cement	100%			2037	* *	5	$33,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,800	
Ceramic Tile	3%	Now	$11,400	2041	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Room 129								
Ceramic Tile	2%			2045	* *	5	$2,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Toilet Rooms								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	55%			2032	$2,055,000	3	$27,900	
Vinyl Tile	10%			2037	* *	3	$5,100	
Vinyl Tile 9" X 9"	15%			2027	$3,580,700	3	$10,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Room 131								
Wood	5%	4+	$20,200	2060	* *	5	$6,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 70%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$17,000	2041	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Room 129								
Ceramic Tile	2%			2045	* *	5	$4,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Toilet Room								
Concrete Masonry Unit	30%			LIFE	* *	5	$24,800	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$18,600	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$53,300	2037	* *	5	$16,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : B16, Basement, Cafeteria Entrance, Corridors, Throughout								
AcousTileSusp.Lay-In	5%			2037	* *	5	$6,600	
Exposed Struc: Concrete	65%			LIFE	* *	5	$13,400	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	5%	Now	$2,400	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Gate In Front								
Iron Picket	95%	Now	$10,100	2052	* *			
Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Front								
Free Standing Walls								
Cast in Place Concrete	100%	Now	$1,200	2052	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Around Ramp								
Retaining Walls								
Cast in Place Concrete	100%	Now	$2,200	2067	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Ramp And Steps								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	50%			2035	* *			
Cast in Place Concrete	50%	Now	$15,300	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Front An Both Sides Of Building								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$4,700	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Ramp								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								

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DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$227,600	5	$2,200	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	70%			2031	$167,600	5	$1,500	
Molded Case Bkrs	20%			2048	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$204,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2032	$58,300	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	4%			2037	* *	10	$3,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallways								
Fluorescent	92%			2037	* *	10	$70,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$69,700	10	$10,000	
Exit, Service	50%			2027	$17,900	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$31,200	1	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Builbing								
Explanation : Strobe Lights, Alarm Bell, Horns, Smoke Detectors, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$193,000	5	$25,700	
Conversion Equipment								
Steam Boiler	100%	Now	$36,200	2030	$723,400	1	$74,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Pump Leaking								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Old Units Which Need To Be Replaced In 2 Years.								
Distribution								
Steam Piping/Pump	100%	Now	$33,200	2032	$664,700			
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pumps								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2032	$312,400	1	$10,300	
Convector/Radiator	80%	Now	$10,900	2030	$543,000	1	$19,300	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Auditorium Stage								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	0-2	$1,900	2027	$94,300	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 10 Window Units Are Not Working.								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2032	$73,600	2	$500	
Roof	80%			2032	$128,800	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$211,900	1		
Water Heater With Tanks								
Electric	15%			2030	$21,300	4		
Gas Fired	85%			2030	$87,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$16,600	2042	* *	4	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Undersize Unit Which Needs To Be Replaced.								
Backflow Preventer								
Generic	100%			2032	$37,100	1	$5,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2042	* *	1-2	$700	
Chemical System								
Generic	100%			2025	$81,600	1-3	$74,400	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 46 - M**		
Address	: **2987 FREDERICK DOUGLASS BLVD. @ HARLEM RIVER DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M046**
Program / Asset #	: **BOE0027.000 / 1667**	**Yr Built/Renovated**	: **1968 / 2007**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2106** **Lot** : **50**	**BIN**	: **1082090**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$167,400	$57,100
Interior Architecture	$1,863,100	$14,015,500
Electrical	$475,900	$2,406,700
Mechanical		$2,018,500
Total	**$2,506,300**	**$18,497,800**
Importance Code A	$167,400	$57,100
Importance Code B	$1,890,000	$18,440,700
Importance Code C	$449,000	
Total	**$2,506,300**	**$18,497,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,300			
Interior Architecture	$177,400			$11,600
Electrical	$5,200	$8,800	$9,100	$11,500
Mechanical	$61,800	$6,800	$12,000	$9,100
Site Enclosure	$18,600		$11,300	
Site Pavements	$44,400			
Total	**$396,800**	**$15,600**	**$32,400**	**$32,200**
Importance Code A	$89,300			
Importance Code B	$232,900	$15,600	$21,100	$32,200
Importance Code C	$74,500		$11,300	
Total	**$396,800**	**$15,600**	**$32,400**	**$32,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$94,100	LIFE	* *	5	$57,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%	Now	$23,700	2043	* *	5	$6,700	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$46,400	
Slate Panels	5%			LIFE	* *	5	$5,400	
Windows								
Aluminum	75%			2049	* *	5	$13,400	
Aluminum	25%	Now	$73,300	2049	* *	5	$2,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Bathrooms								
Parapets								
Metal Panel	85%			2053	* *	5	$28,000	
Pre-Cast Concrete	15%			LIFE	* *	5	$16,100	
Roof								
Built-Up (BUR)	100%	Now	$18,900	2038	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Explanation : Pitch Pockets Are Severely Deteriorated								
Soffits								
Stucco Cement	100%	4+	$6,100	2046	* *	5	$8,900	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Above Windows								
Interior								
Floors								
Cast in Place Concrete	15%	Now	$84,400	LIFE	* *	5	$43,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	10%	0-2	$37,300	2042	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Slate	5%			LIFE	* *	5	$14,100	
Vinyl Tile	10%	0-2	$36,600	2038	* *	3	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	27%	Now	$1,261,400	2028	$6,307,000	3	$13,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	33%			2033	$7,708,500	3	$21,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	8%	Now	$54,200	2042	* *	5	$9,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Severe Cracks At Maintenance Toilet In Basement								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	5%	0-2	$57,900	LIFE	* *	5	$4,900	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Basement Shop, Auditorium And Gymnasium								
Masonry: Brick	10%			LIFE	* *	10	$7,400	
Plaster	50%	Now	$60,000	LIFE	* *	5	$37,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
SGFT/Glazed Masonry	25%	Now	$276,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$39,400	
Ceilings								
AcousTile,Adhered	15%	4+	$30,100	2038	* *	5	$9,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Corridors								
AcousTileConcealSpLn	2%	4+	$2,000	2038	* *	5	$1,600	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Embossed Metal	5%			LIFE	* *	5	$5,600	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$15,600	
Exposed Struc: Steel	3%			LIFE	* *	10	$7,500	
Fiber Board	10%			2038	* *			
Metal Panel	5%			LIFE	* *	5	$15,600	
Plaster	50%			LIFE	* *	5-10	$107,300	
Site Enclosure								
Fence/Gates								
Aluminum Rail	20%			2046	* *	5-10	$18,500	
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Roof Rail								
Explanation : Aluminum Roof Rail								
Chain Link	25%	2-4	$18,600	2063	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Throughout								
Iron Picket	55%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	85%			2053	* *			
Masonry: Brick	15%			2043	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	85%	0-2	$25,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Cast in Place Concrete	15%	Now	$2,900	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Building Entry Stairs								
Activity Yard								
Rubber Matting	10%			2033	$41,800			
Traffic Topping	90%	2-4	$15,600	2038	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$182,100	5	$300	
Fused Disc Sw	20%			2053	* *	5	$100	
Raceway								
Conduit	80%			2033	$161,400	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	70%			2032	$167,600	5	$1,700	
Molded Case Bkrs	20%			2049	* *	5	$500	
Wiring								
Braided Cloth	80%	0-2	$233,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$500	
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$1,331,200	10	$81,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$78,900	10	$11,300	
Exit, Service	50%			2033	$20,300	1		
Exterior Lighting								
HID	30%			2028	$131,600	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$176,500	1	$35,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$242,500	2043	* *	1-3	$52,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Plant Campus Steam / PRV	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Adjacent Complex								
Explanation : From Housing Authority								
Distribution								
Steam Piping/Pump	10%	0-2	$15,100	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Loose, Extent : Moderate, Area Affected : 5%								
Location : Control Valves, Various Locations								
Steam Piping/Pump	90%			2043	* *			
Terminal Devices								
Air Handler	30%			2028	$530,700	1	$17,400	
Convector/Radiator	50%			2031	$384,300	1	$15,200	
Fan Coil Unit/Heat	20%			2028	$466,100	1	$6,100	
Air Conditioning								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$249,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,000	
Exhaust Fans								
Interior	60%			2033	$250,100	2	$1,700	
Roof	40%	0-2	$3,600	2028	$73,000	2	$900	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Kitchen								
Explanation : 30 Gallon Unit, For Kitchen Only								
HW Heat Exchanger								
Steam Fired	10%	0-2	$2,300	2043	* *	4	$900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Steam Fired	90%			2043	* *	4	$8,400	
Sanitary Piping								
Cast Iron	20%	Now	$4,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Consistent Sewer Back Ups								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$18,800	4	$3,000	
Sewage Ejector(s)								
Electric	100%			2033	$49,200	4	$5,600	
Backflow Preventer								
Generic	100%			2038	* *	1	$5,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$65,000	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 46 - M MINISCHOOL**		
Address	: **2987 FREDERICK DOUGLASS BLVD. @ HARLEM RIVER DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M846**
Program / Asset #	: **BOE0027.010 / 1668**	**Yr Built/Renovated**	: **1972 / 2007**
Area Sq Ft	: **6,120**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2106** **Lot** : **50**	**BIN**	: **1082090**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$81,700	$61,600
Interior Architecture		$293,400
Electrical		$162,900
Mechanical		$99,700
Total	**$81,700**	**$617,600**
Importance Code A	$81,700	$61,600
Importance Code B		$556,000
Total	**$81,700**	**$617,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,000		$600	
Interior Architecture	$60,300			$1,300
Electrical	$21,600	$600	$600	$800
Mechanical	$2,300	$400	$800	$400
Site Pavements	$2,000			
Total	**$122,300**	**$1,000**	**$2,000**	**$2,500**
Importance Code A	$36,300	$300	$900	$300
Importance Code B	$67,900	$700	$1,100	$2,200
Importance Code C	$18,100			
Total	**$122,300**	**$1,000**	**$2,000**	**$2,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M MINISCHOOL

Asset # : 1668

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	20%	Now	$81,700	2043	* *	5	$5,800	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	80%			2043	* *	5-10	$84,700	
Windows								
Aluminum	100%			2041	* *	5	$1,300	
Roof								
Metal Panel	100%	Now	$36,000	2046	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Soffits								
Metal Panel	100%			2053	* *	5-10	$12,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,700	
Ceramic Tile	8%	Now	$5,500	2036	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Bathrooms And Vestibules								
Vinyl Tile	87%	2-4	$29,300	2033	$293,400	3	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$3,100	
Gypsum Board	60%			LIFE	* *	5-10	$19,700	
Metal Panel	20%			LIFE	* *	10	$1,700	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$8,100	2038	* *	5	$600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	90%			2038	* *	5	$11,000	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Entrance Steps								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M MINISCHOOL

Asset # : 1668

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Fused Disc Sw	10%			2032	$3,000	5		
Molded Case Bkrs	90%			2032	$26,900	5	$100	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2028	$91,200	10	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Buidling								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	$5,100	10	$700	
Exit, Service	50%			2033	$1,300	1		
Exterior Lighting								
HID	30%			2033	$8,600	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$11,500	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$15,800	2043	* *	1-3	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Motion Sensors An Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M MINISCHOOL

Asset # : 1668

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2033	$19,000	1	$3,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2031	$99,700	2	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit, R-22 Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,400	
Exhaust Fans								
Interior	90%			2033	$24,400	2	$200	
Roof	10%			2028	$1,200	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 46 - Q**		
Address	: **64-45 218TH STREET BTWN: 64 AVE., 67 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q046**
Program / Asset #	: **BOE0704.000 / 2246**	**Yr Built/Renovated**	: **1951 / 2009**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7619** **Lot** : **1**	**BIN**	: **4162449**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$78,200	$240,400
Interior Architecture	$55,100	$880,000
Electrical	$139,700	$706,000
Mechanical		$1,841,000
Site Pavements	$121,700	
Total	**$394,700**	**$3,667,400**
Importance Code A	$78,200	$780,800
Importance Code B	$316,500	$2,886,600
Total	**$394,700**	**$3,667,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$97,200		$26,000	$13,500
Interior Architecture	$155,900		$20,600	$900
Electrical	$16,200	$5,800	$6,000	$7,000
Mechanical	$130,100	$10,900	$13,400	$9,000
Site Enclosure	$5,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$408,900**	**$20,600**	**$69,900**	**$34,300**
Importance Code A	$103,400	$6,100	$32,200	$19,600
Importance Code B	$233,800	$14,500	$37,700	$14,700
Importance Code C	$71,700			
Total	**$408,900**	**$20,600**	**$69,900**	**$34,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2068	* *	10	$10,400	
Glass Block	2%	4+	$3,600	LIFE	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium On 1st Floor								
Masonry: Brick	85%			LIFE	* *	5	$151,100	
Masonry: Brick	3%			LIFE	* *	5	$5,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Elevator Shaft								
Masonry: Limestone	5%			LIFE	* *	5	$6,700	
Windows								
Aluminum	90%	4+	$46,300	2049	* *	5	$9,700	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Steel	10%			2032	$162,200	5	$27,000	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$45,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$5,800	
Metal Rail	25%			2046	* *	5-10	$42,900	
Roof								
Built-Up (BUR)	90%			2038	* *	10	$45,300	
Copper/Terne	5%			2061	* *	10	$6,300	
Modified Bitumen	5%			2033	$27,500	10	$2,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,600	
Ceramic Tile	3%	Now	$3,400	2042	* *	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Room 210								
Terrazzo	5%			LIFE	* *	5	$7,800	
Vinyl Tile	15%			2038	* *	3	$5,600	
Vinyl Tile	2%	Now	$55,100	2043	* *	3	$700	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Room B2								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Room B2								
Vinyl Tile	50%			2038	* *	3	$18,700	
Vinyl Tile 9" X 9"	5%			2028	$880,000	3	$2,500	
Wood	10%			2048	* *	5	$18,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$6,400	2042	* *	5	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Room 210								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,300	
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,200	
Plaster	55%			LIFE	* *	5-10	$54,500	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,600	
Ceilings								
AcousTileConcealSpLn	20%			2038	* *	5	$24,900	
AcousTileSusp.Lay-In	25%			2046	* *	5	$24,900	
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$56,100	
Plaster	10%			LIFE	* *	5-10	$17,100	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$5,500	2068	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 67th Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$121,700	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : 218th Street, Curb Missing								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 67th Avenue, 218th Street, 219th Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 67th Avenue								
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	98%			2038	* *			
Rubber Matting	2%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$9,000	5	$100	
Molded Case Bkrs	95%			2049	* *	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$55,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$52,000	10	$7,500	
Exit, Service	50%			2028	$13,400	1		
Exterior Lighting								
HID	30%			2028	$86,800	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$116,400	1	$23,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$159,900	1-3	$39,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$144,200	5	$19,200	
Conversion Equipment								
Steam Boiler	100%			2031	$540,400	1	$61,400	
Leak Evident, Extent : Moderate, Area Affected : 35%								
Location : No. 1 Boiler Leaking And Two Plugged Tubes								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. They Are Scheduled To Be Replaced.								
Distribution								
Steam Piping/Pump	100%	Now	$24,800	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : All Float And Thermostatic Steam Traps, Various Locations								
Terminal Devices								
Air Handler	20%			2033	$233,300	1	$7,700	
Convector/Radiator	80%	0-2	$40,600	2031	$405,600	1	$14,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Two Radiators Leaking In Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$37,600	2028	$187,900	1		
Not in Service, Extent : Severe, Area Affected : 25%								
Location : 23 Window, Wall Unit Not Working								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	2%			LIFE	* *	2-5	$1,100	
Ductwork/Diffusers	98%			LIFE	* *	2-5	$53,600	
Exhaust Fans								
Interior	95%			2033	$261,200	2	$1,800	
Roof	5%			2033	$6,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$68,300	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2033	$12,400	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2033	$32,500	4	$3,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$42,900	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 46 - SI**		
Address	: **41 REID AVENUE @ PARKINSON AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R046**
Program / Asset #	: **BOE0932.000 / 1438**	**Yr Built/Renovated**	: **1930 / 2010**
Area Sq Ft	: **73,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3243** **Lot** : **1**	**BIN**	: **5047613**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$112,200
Interior Architecture	$4,317,300	$182,500
Electrical	$315,700	$532,600
Mechanical	$985,000	$1,207,300
Total	**$5,617,900**	**$2,034,600**
Importance Code A		$112,200
Importance Code B	$5,411,500	$1,922,400
Importance Code C	$206,400	
Total	**$5,617,900**	**$2,034,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$86,100	$16,600	
Interior Architecture	$165,500	$1,300	$1,900	$7,200
Electrical	$5,500	$57,400	$6,600	$4,900
Mechanical	$24,100	$41,900	$16,100	$11,600
Site Pavements	$45,500			
Total	**$240,600**	**$186,800**	**$41,200**	**$23,700**
Importance Code A	$7,100	$93,400	$23,800	$7,100
Importance Code B	$174,800	$93,400	$15,500	$16,500
Importance Code C	$58,600		$1,900	
Total	**$240,600**	**$186,800**	**$41,200**	**$23,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$112,200	
Masonry: Limestone	10%			LIFE	* *	5	$9,300	
Windows								
Aluminum	100%			2046	* *	5	$33,200	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$18,900	
Metal: Cage/Fence	10%			2043	* *	5-10	$18,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$14,900	
Roof								
Built-Up (BUR)	55%			2035	* *	10	$49,800	
Copper/Terne	5%			2058	* *	10	$11,300	
Modified Bitumen	40%			2035	* *	10	$36,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,600	
Ceramic Tile	3%	Now	$36,500	2033	$182,500	5	$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Ceramic Tile	2%			2043	* *	5	$2,200	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : 1st Floor Girls And Boys Toilet								
Terrazzo	2%	4+	$4,000	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	53%	4+	$31,600	2025	$1,580,100	3	$21,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors And Classrooms								
Vinyl Tile 9" X 9"	10%			2025	$1,904,700	3	$4,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 3rd Floor								
Explanation : 9x9 Vinyl Tile In Corridors And Some Classrooms								
Wood	20%	Now	$257,500	2045	* *	5	$20,200	
Deteriorated Finish, Extent : Severe, Area Affected : 60%								
Location : Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2026	$206,400	5	$3,800	
Ceramic Tile	2%			2043	* *	5	$2,500	
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : 1st Floor Girls And Boys Toilet								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	4+	$22,100	LIFE	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Entry Hallway								
Plaster	60%	Now	$36,500	LIFE	* *	5	$22,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$34,700	2035	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Corridors								
Exposed Struc: Concrete	25%	Now	$80,900	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Metal Panel	10%	Now	$107,200	LIFE	* *	5	$13,500	
Bent/Warped Elements, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium And Corridors								
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium								
Plaster	55%	Now	$180,500	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stairwells								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2050	* *			
Iron Picket	90%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%	0-2	$45,500	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Playground Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes And 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2046	* *	5	$300	
Molded Case Bkrs	20%			2046	* *	5	$400	
Molded Case Bkrs	60%			2029	$107,800	5	$1,200	
Wiring								
Braided Cloth	60%	2-4	$119,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2030	$39,900	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$59,700	5	$200	
Locally Mounted	50%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$63,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2035	* *	10		
Incandescent	2%			2025	$40,000	2		
Egress Lighting								
Emergency, Battery	25%			2038	* *	10	$4,400	
Emergency, Battery	25%			2025	$30,300	10	$4,400	
Exit, Service	25%			2038	* *	1		
Exit, Service	25%			2025	$7,800	1		
Exterior Lighting								
HID	30%			2025	$102,200	10	$100	
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$41,100	1	$8,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$45,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 6,000 Gallon Tank Using No.2 Oil								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$71,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2030	$577,400			
Terminal Devices								
Air Handler	20%			2025	$271,400	1	$8,900	
Convector/Radiator	60%			2028	$353,800	1	$14,000	
Fan Coil Unit/Heat	20%			2025	$357,500	1	$4,700	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	25%	0-2	$13,700	2025	$68,300	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 75%								
Location : Various Locations								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,200	
Exhaust Fans								
Interior	90%			2025	$287,800	2	$2,000	
Roof	10%			2025	$14,000	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2040	* *	1		
Galvanized Steel	30%			2028	$276,100	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,500	
Backflow Preventer								
Generic	100%			2035	* *	1	$4,400	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : Wilkens Zurn							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$49,900	1-2	$1,000	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 47 - Q**		
Address	: **9 POWER ROAD BROAD CHANNEL**		
Borough	: **QUEENS**	**Agency's Number**	: **Q047**
Program / Asset #	: **BOE0705.000 / 4422**	**Yr Built/Renovated**	: **1957 / 2012**
Area Sq Ft	: **6,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Apr-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **15313** **Lot** : **485**	**BIN**	: **4448968**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$234,100
Mechanical		$197,800
Total		**$431,900**
Importance Code B		$431,900
Total		**$431,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,300		$300	
Interior Architecture	$900	$200	$1,100	$100
Electrical	$200	$300	$300	$6,900
Mechanical	$25,000	$1,100	$1,100	$1,100
Site Enclosure	$33,800			
Site Pavements	$15,400			
Total	**$118,600**	**$1,600**	**$2,800**	**$8,200**
Importance Code A	$44,000	$600	$900	$600
Importance Code B	$25,400	$900	$1,800	$7,500
Importance Code C	$49,200			
Total	**$118,600**	**$1,600**	**$2,800**	**$8,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q

Asset # : 4422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	$700	LIFE	* *	5	$2,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Glazed Ceramic Panel	20%			LIFE	* *	5	$10,700	
Masonry: Brick Cavity	75%	0-2	$37,400	LIFE	* *	5	$8,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Facades								
Windows								
Aluminum	90%			2051	* *	5	$500	
Glass Block	10%			LIFE	* *	5		
Roof								
Modified Bitumen	90%	4+	$4,200	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Room 2 And 3 Hall And Kitchen Room 1								
Plaza Roof: Stone Panels	10%	4+	$1,100	2059	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 60%								
Location : Annex Connection Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Annex Connection Corridor								
Explanation : Pavers On Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,000	
Ceramic Tile	3%			2032	$15,900	5	$300	
Panel/Paver: Cer/Brk	2%			2045	* *	5	$400	
Vinyl Tile	90%			2029	$234,100	3	$3,200	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$1,200	
Gypsum Board	10%			LIFE	* *	5	$400	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2034	* *	5	$1,900	
Exposed Struc: Steel	20%			LIFE	* *			
Fiber Board	10%			2029	$14,700			
Gypsum Board	10%			LIFE	* *	5	$1,200	
Metal Panel	40%			LIFE	* *	5	$4,700	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$33,800	2049	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2064	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q

Asset # : 4422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Asphalt	35%			2038	* *			
Cast in Place Concrete	35%			2042	* *			
Masonry: Granite	30%			LIFE	* *			
Parking/Driveway								
Asphalt	100%	Now	$15,400	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Front Of School Driveway								
Ponding, Extent : Severe, Area Affected : 30%								
Location : Driveway								
Potholes, Extent : Severe, Area Affected : 30%								
Location : Driveway								
Activity Yard								
Asphalt	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	80%			2029	$13,000	1		
Conduit	20%			2055	* *	1		
Panelboards								
Molded Case Bkrs	100%			2051	* *	5	$200	
Wiring								
Thermoplastic	80%			2029	$17,200	1		
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$6,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$800	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
LED	30%			2037	* *			
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q

Asset # : 4422

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	$3,700	1	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2029	$5,000	1-3	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%	0-2	$700	2039	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Underground								
Explanation : Water Leaking To The Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$6,400	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$1,000	2039	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room								
Terminal Devices								
Convector/Radiator	100%			2034	* *	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2024	$19,700	1		
No Component	20%							
Terminal Devices								
Fan Coil - 4 Pipe	100%			2029	$197,800	1	$2,100	
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q

Asset # : 4422

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Wall Unit	10%			2029	$300	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Sanitary Piping								
Cast Iron	100%	0-2	$1,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : The Grease Trap In Kitchen								
Storm Drain Piping								
Cast Iron	100%	0-2	$500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Sump Pump(s)								
Submersible	100%			2024	$200	4	$200	
Backflow Preventer								
Generic	100%			2029	$2,900	1	$400	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 47 - Q ANNEX**
Address : **9 POWER ROAD BROAD CHANNEL**
Borough : **QUEENS**
Agency's Number : **Q874**
Program / Asset # : **BOE0705.010 / 4423**
Yr Built/Renovated : **1991 /**
Area Sq Ft : **15,000**
Project Type : **EDUCATION**
Date of Survey : **19-Apr-2018**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,2**
Block : **15313** **Lot** : **485** **BIN** : **4448968**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$52,400	$74,100
Mechanical	$637,100	$751,100
Total	**$689,500**	**$825,200**
Importance Code A	$52,400	$74,100
Importance Code B	$637,100	$751,100
Total	**$689,500**	**$825,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,800			
Interior Architecture	$38,400	$2,600		$900
Electrical	$1,300	$1,000	$1,300	$16,800
Mechanical	$72,500	$4,700	$3,500	$4,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$182,000**	**$12,200**	**$8,800**	**$26,000**
Importance Code A	$121,900	$700	$700	$700
Importance Code B	$58,800	$11,400	$8,000	$25,200
Importance Code C	$1,300			
Total	**$182,000**	**$12,200**	**$8,800**	**$26,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q ANNEX

Asset # : 4423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$52,400	2049	* *	5	$74,100	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Windows								
Aluminum	100%	Now	$15,400	2045	* *	5	$1,600	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Corridor Near Room 209								
Roof								
Metal Panel	95%	4+	$48,700	2042	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms On 2nd Floor And Corridor								
Modified Bitumen	5%			2034	* *	10	$1,800	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Flat Portion Of Structure								
Explanation : Flat Roof								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,600	
Ceramic Tile	3%			2038	* *	5	$700	
Quarry Tile	5%			2042	* *	5	$1,800	
Vinyl Tile	87%			2034	* *	3	$7,700	
Interior Walls								
Ceramic Tile	5%	4+	$1,300	2038	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms								
Gypsum Board	95%			LIFE	* *	5	$13,600	
Ceilings								
AcousTileSusp.Lay-In	95%	0-2	$37,100	2034	* *	5	$11,200	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms								
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	5%			2049	* *			
Iron Picket	95%			2064	* *			
Retaining Walls								
Cast in Place Concrete	100%			2064	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Asphalt	90%			2038	* *			
Cast in Place Concrete	10%			2042	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q ANNEX

Asset # : 4423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	65%			2038	* *			
Rubber Matting	35%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2039	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2039	* *	5	$400	
Raceway								
Conduit	100%			2039	* *	1		
Panelboards								
Molded Case Bkrs	100%			2037	* *	5	$400	
Wiring								
Thermoplastic	100%			2039	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$13,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$1,800	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	30%			2029	$21,000	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	$8,400	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q ANNEX

Asset # : 4423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2029	$38,700	1-3	$9,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2029	$34,400	5	$4,600	
Conversion Equipment								
Furnace	100%	0-2	$9,300	2024	$46,700	1	$6,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Burners Oil Leaks, Attic								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic								
Explanation : 2 Obsolete Units								
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	$221,300	1	$7,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Terminal Devices								
Fan Coil - 4 Pipe	100%			2024	$570,600	1	$4,800	
Heat Rejection								
Air Cooled Condenser Unit	100%			2029	$43,400	2	$10,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,400	
Exhaust Fans								
Interior	100%			2024	$66,500	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater With Tanks								
Oil Fired	100%	0-2	$10,600	2029	$529,800	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Obsolete Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q ANNEX

Asset # : 4423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2037	* *	1	$900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floors								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2049	* *	1-5	$7,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 48 - BK**		
Address	: **6015 18TH AVE. BTWN: 60 ST., 61 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K048**
Program / Asset #	: **BOE0377.000 / 2517**	**Yr Built/Renovated**	: **1915 / 2011**
Area Sq Ft	: **65,216**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5519** **Lot** : **1**	**BIN**	: **3132140**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$66,600	$66,600
Interior Architecture	$5,530,300	
Electrical		$807,900
Mechanical	$185,300	$2,739,700
Site Enclosure	$97,900	
Site Pavements	$77,500	$60,000
Total	**$5,957,700**	**$3,674,200**
Importance Code A	$66,600	$66,600
Importance Code B	$5,496,500	$3,607,600
Importance Code C	$394,500	
Total	**$5,957,700**	**$3,674,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$103,900	$10,700		
Interior Architecture	$68,900			$5,600
Electrical	$42,600	$6,100	$6,800	$7,700
Mechanical	$133,400	$8,900	$11,200	$8,600
Total	**$348,700**	**$25,600**	**$17,900**	**$21,900**
Importance Code A	$115,300	$17,100	$6,500	$6,500
Importance Code B	$232,400	$8,500	$11,500	$15,400
Importance Code C	$1,100			
Total	**$348,700**	**$25,600**	**$17,900**	**$21,900**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$27,800	
Masonry: Brick	75%			LIFE	* *	5	$133,300	
Masonry: Granite	3%			LIFE	* *	5	$4,000	
Masonry: Limestone	20%			LIFE	* *	5	$26,700	
Windows								
Aluminum	99%			2055	* *	5	$21,400	
Wood	1%	Now	$5,200	2058	* *	5	$1,100	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : Bulkhead Stair								
Dry Rot/Decay, Extent : Severe, Area Affected : 100%								
Location : Bulkhead Stair								
Water Penetration, Extent : Moderate, Area Affected : 100%								
Location : Bulkhead Stair								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$27,000	
Masonry: Brick	90%			LIFE	* *	5-10	$58,500	
Roof								
Modified Bitumen	80%			2038	* *	10	$40,300	
Play Surface	20%			2038	* *	10	$10,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$21,200	LIFE	* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Mosaic Tile	5%	Now	$140,400	2046	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%	2-4	$46,600	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout, Main Entrance, Vestibule Of Auditorium								
Vinyl Tile	20%	Now	$55,100	2038	* *	3	$7,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors And Classrooms Throughout, 1st And 2nd Floors								
Vinyl Tile 9" X 9"	25%	Now	$4,400,200	2043	* *	3	$9,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridors And Classrooms Throughout, 3rd, 4th And 5th Floors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Classrooms Throughout, 3rd, 4th And 5th Floors								
Wood	40%	Now	$237,900	2048	* *	5	$37,400	
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Rooms 501, 502, 402, 401								
Interior Walls								
Ceramic Tile	5%	Now	$96,200	2036	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	3%			LIFE	* *	10	$1,100	
Marble Panels	5%	4+	$51,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	87%	Now	$246,800	LIFE	* *	5	$30,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout 4th And 5th Floor Classrooms Stairs A And B								

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$15,000	
Exposed Struc: Concrete	10%	2-4	$74,700	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Plaster	75%	0-2	$227,500	LIFE	* *	5	$46,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : 3rd Floor Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout 4th And 5th Floor Classrooms								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout 4th And 5th Floor Classrooms And Toilets								
Site Enclosure								
Fence/Gates								
Chain Link	35%			2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : East Property Line								
Iron Picket	65%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$97,900	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Play Yard Fence base								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	70%	2-4	$77,500	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 18th Avenue, 60th And 61st Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 61st Street								
Cast in Place Concrete	30%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Cast in Place Concrete	80%			2046	* *			
Rubber Matting	20%			2033	$60,000			
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor Electrical Room								
Explanation : One 1,200 Ampere Main Service Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Fused Disc Sw	4%			2041	* *	5	$100	
Fused Toggle Switch	1%			2032	$1,800	5		
Molded Case Bkrs	50%			2041	* *	5	$900	
Molded Case Bkrs	45%			2032	$80,800	5	$800	
Wiring								
Braided Cloth	50%			2032	$99,800	1		
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	75%			2038	* *	10	$44,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2038	* *	10	$600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Boiler Room Electrical Room, Cafeteria Closets								
LED	24%			2041	* *			
Egress Lighting								
Emergency, Service	10%			2033	$4,000	1		
Emergency, Battery	40%			2033	$43,800	10	$6,300	
Exit, Service	40%			2028	$11,200	1		
Exit, Battery	10%			2033	$9,200	10	$400	
Exterior Lighting								
HID	7%			2038	* *	10		
LED	3%			2038	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%	Now	$36,700	2038	* *	1	$21,900	
Control Panel Damaged, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Electrical Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	70%			2028	$117,800	1-3	$29,000	
Generic, Digital	30%			2033	$50,500	1-3	$12,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detection System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement - Oil Tank Room								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$11,400	2038	* *	1	$58,100	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room: Fresh Air Louver Dampers Not Operational								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 2 Units, 4184 Mbh Gross Each								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$8,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium Supply								
Explanation : Location Noted								
Steam Piping/Pump	85%	Now	$22,200	2043	* *			
Corroded, Extent : Severe, Area Affected : 15%								
Location : Corroded / Leaking Condensate Return Pumping System Basement By Auditorium Hv Unit								
Recent Repair Evident, Extent : N/A, Area Affected : 95%								
Location : Throughout: Terminal Unit Thermostatic Traps, Radiator Valves, Basement F/t Traps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 2%								
Location : F/t Traps: Basement Crawlspace, Basement Ceiling By Auditorium Hv Unit, Storage Room In Multi-purpose Room - 6 Units Approximately.								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Feedwater Tank Sediment Build-up								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%	Now	$3,700	2028	$184,100	1	$5,400	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Basement - Auditorium Hv Unit								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Auditorium Hv Unit								
Convector/Radiator	65%			2031	$346,600	1	$13,700	
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Throughout								
Unit Heater - Steam	10%			2028	$37,100	4	$900	
Unit Heater - Steam	10%			2041	* *	4	$900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement: Wall-mounted Cabinet Heaters								
Controls								
Digital	100%			2033	$1,873,000			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Wireless-pneumatic Digital Controls								
Air Conditioning								
Energy Source								
Electricity	85%			2041	* *	1		
No Component	15%							
Conversion Equipment								
Split Unit	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Telecom Room								
Explanation : Location Noted								
Window/Wall Unit	75%	Now	$185,300	2033	$185,300	1		
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Window/Wall Unit	5%			2032	$12,400	1		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Various Locations								
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium								
Explanation : Location Noted								
Ventilation								
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	$20,200	
No Component	65%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	35%			2028	$101,200	2	$700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement Fan / Storage Room, 1st Floor Ceiling Storage Rooms, Boys Toilet Room								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$41,900	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Boys Toilet Room 257								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit 75 Mbh Input, 75 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%	Now	$41,100	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Boys Toilet Room 257								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$13,100	4	$2,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Boys Toilet Room 257 (obsolete/deteriorated)								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$45,100	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 48 - BX HUNTS POINT ECC 1**		
Address	: **659 COSTER STREET @ SPOFFORD AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X848**
Program / Asset #	: **BOE0191.010 / 4412**	**Yr Built/Renovated**	: **1970 / 2005**
Area Sq Ft	: **7,820**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2765** **Lot** : **269**	**BIN**	: **2006654**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$314,100
Electrical		$123,700
Mechanical		$317,600
Total		**$755,400**
Importance Code B		$755,400
Total		**$755,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,700		$600	
Interior Architecture	$30,200		$300	$1,600
Electrical	$800	$700	$900	$800
Mechanical	$6,100	$400	$4,100	$400
Site Enclosure	$11,300			
Site Pavements	$14,500			
Total	**$71,600**	**$1,100**	**$6,000**	**$2,800**
Importance Code A	$9,400		$1,300	
Importance Code B	$45,700	$1,100	$4,600	$2,800
Importance Code C	$16,500			
Total	**$71,600**	**$1,100**	**$6,000**	**$2,800**

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 48 - BX HUNTS POINT ECC 1
Asset # : 4412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	93%			LIFE	* *	5	$14,400	
Masonry: Brick	5%			LIFE	* *	5	$1,200	
Wood	2%			2046	* *	5	$1,200	
Windows								
Aluminum	95%			2049	* *	5	$1,700	
Metal Louvers	5%			2042	* *	10	$600	
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5-10		
Metal Rail	50%			2046	* *	5-10		
Pre-Cast Concrete	5%			LIFE	* *	5		
Roof								
Modified Bitumen	100%			2038	* *	10	$29,200	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$1,600	
Ceramic Tile	3%			2042	* *	5	$400	
Mosaic Tile	2%			2046	* *	5	$600	
Vinyl Tile	92%			2033	$314,100	3	$5,700	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	80%			LIFE	* *	5	$18,100	
Gypsum Board	20%			LIFE	* *	5-10	$9,600	
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5-10	$14,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$11,300	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : At Front Entry Of Courtyard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$1,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs At Courtyard Entry								
Activity Yard								
Asphalt	50%	Now	$13,200	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Rubber Matting	50%			2038	* *			

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Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 48 - BX HUNTS POINT ECC 1
Asset # : 4412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical, Mechanical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$52,000	5		
Fused Disc Sw	20%			2053	* *	5		
Raceway								
Conduit	80%			2033	$13,000	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$3,000	5		
Molded Case Bkrs	90%			2032	$26,900	5	$200	
Wiring								
Thermoplastic	80%			2033	$17,200	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hot Water Room								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$7,000	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2028	$4,300	2		
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$900	
Exit, Battery	50%			2038	* *	10	$300	
Exterior Lighting								
HID	10%			2033	$3,600	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Only								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$4,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 48 - BX HUNTS POINT ECC 1
Asset # : 4412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Radiant Heater	100%			2038	* *	2	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 8 Electrical Units								
Terminal Devices								
Fan Coil Unit/Heat	100%			2033	$193,900	1	$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2031	$123,700	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Throughout								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$12,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,900	
Exhaust Fans								
Roof	10%			2033	$1,500	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 48 - Q**
Address : **155-02 108 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0706.000 / 2247**
Area Sq Ft : **37,000**
Date of Survey : **20-Nov-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **10144** **Lot** : **42**

Agency's Number : **Q048**
Yr Built/Renovated : **1936 / 2001**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4216099**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$72,200	$72,100
Interior Architecture	$246,100	$4,646,500
Electrical	$51,800	$384,600
Mechanical	$532,000	$714,000
Total	**$902,100**	**$5,817,200**
Importance Code A	$72,200	$72,100
Importance Code B	$829,900	$5,745,100
Total	**$902,100**	**$5,817,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,700	$11,700		$3,800
Interior Architecture	$129,700	$3,300	$3,300	$2,100
Electrical	$1,100	$1,200	$1,700	$22,100
Mechanical	$17,300	$5,300	$6,700	$5,300
Site Enclosure	$17,100			
Site Pavements	$13,700			
Total	**$207,400**	**$21,500**	**$11,600**	**$33,200**
Importance Code A	$32,300	$15,400	$3,700	$7,500
Importance Code B	$66,800	$6,100	$8,000	$25,700
Importance Code C	$108,300			
Total	**$207,400**	**$21,500**	**$11,600**	**$33,200**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	17%	4+	$22,400	LIFE	* *	5	$13,600	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Chimney And 3rd Floor								
Masonry: Brick	73%			LIFE	* *	5	$58,500	
Masonry: Granite	5%			LIFE	* *	5	$3,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	80%			2048	* *	5	$18,000	
Wood	20%	Now	$72,200	2040	* *	5	$22,500	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Parapets								
Masonry: Brick	23%	4+	$6,200	LIFE	* *	5	$2,500	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Interior Face Of Parapet								
Masonry: Brick	52%			LIFE	* *	5	$5,600	
Masonry: Limestone	15%			LIFE	* *	5	$2,000	
Metal Rail	10%			2045	* *	5-10	$19,300	
Roof								
Copper/Terne	5%			2047	* *	10	$3,800	
Modified Bitumen	95%			2040	* *	10	$28,800	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$5,600	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Mosaic Tile	5%	Now	$15,400	2037	* *	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen, 2nd And 3rd Floor Bathrooms								
Vinyl Tile	25%	Now	$9,100	2037	* *	3	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Principals Office And Corridors								
Vinyl Tile 9" X 9"	40%			2032	$4,646,500	3	$9,900	
Wood	25%	Now	$98,100	2047	* *	5	$15,400	
Deteriorated Finish, Extent : Severe, Area Affected : 35%								
Location : Throughout 1st Floor And 3rd Floor Classrooms.								

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$14,200	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$20,600	2035	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Masonry: Brick	15%	Now	$42,700	LIFE	* *			
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Plaster	50%			LIFE	* *	5	$11,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2045	* *	5	$6,600	
Embossed Metal	5%			LIFE	* *	5	$1,500	
Exposed Struc: Concrete	30%	Now	$147,900	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Basement								
Plaster	55%	Now	$22,000	LIFE	* *	5	$22,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2052	* *			
Iron Picket	90%	Now	$17,100	2067	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : 108th Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	75%			2041	* *			
Cast in Place Concrete	20%			2045	* *			
Pavers/Stone	5%			2041	* *			
Parking/Driveway								
Asphalt	80%			2041	* *			
Cast in Place Concrete	20%	Now	$13,700	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parking Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$22,600	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$130,000	5	$200	
Raceway								
Conduit	90%			2032	$55,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$10,000	5	$100	
Fused Disc Sw	5%			2054	* *	5		
Molded Case Bkrs	5%			2048	* *	5		
Molded Case Bkrs	80%			2031	$79,800	5	$800	
Wiring								
Thermoplastic	90%			2032	$69,500	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$50,200	5	$200	
Locally Mounted	30%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	20%			2040	* *	10	$6,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, Hallways, Kitchen, Cafeteria								
Explanation : T-8 Lamps								
LED	80%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$31,100	10	$4,500	
Exit, Service	50%			2032	$8,000	1		
Exterior Lighting								
HID	30%			2027	$51,800	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$20,800	1	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$28,600	1-3	$6,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Cafeteria, Auditorium, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement Gas Meter Room.								
Explanation : Area Of Concern. There Is An Electrical Radiant In Gas Meter Room.								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$36,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2032	$296,300			
Terminal Devices								
Air Handler	10%			2027	$69,600	1	$2,300	
Convector/Radiator	60%			2030	$181,500	1	$7,200	
Fan Coil Unit/Heat	30%			2027	$275,200	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	75%	0-2	$2,100	2027	$105,100	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$10,300	
No Component	50%							
Exhaust Fans								
Interior	50%			2027	$82,000	2	$600	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Basement								
Explanation : House Exhaust Is Under Repair.								
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%	0-2	$4,800	2042	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 5%								
Location : Controller, Basement								
Galvanized Steel	50%	Now	$4,700	2030	$236,200	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Boiler Room 108 Avenue Side.								
Water Heater With Tanks								
Electric	50%			2031	$11,800	4		
Gas Fired	50%			2031	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$7,400	4	$1,200	
Backflow Preventer								
Generic	50%	0-2	$200	2032	$8,300	1	$1,000	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Leaking								
Generic	50%			2032	$8,300	1	$1,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$15,400	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 49 - Q**		
Address	: **79-15 PENELOPE AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q049**
Program / Asset #	: **BOE0707.000 / 2296**	**Yr Built/Renovated**	: **1933 / 2017**
Area Sq Ft	: **133,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2990** **Lot** : **45**	**BIN**	: **4069253**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$249,000	$79,900
Interior Architecture	$227,300	$6,491,700
Electrical	$79,900	$278,800
Mechanical	$278,100	$904,800
Total	**$834,300**	**$7,755,200**
Importance Code A	$307,100	$79,900
Importance Code B	$364,400	$7,616,100
Importance Code C	$162,800	$59,200
Total	**$834,300**	**$7,755,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$130,800	$13,500		
Interior Architecture	$128,900	$34,000	$28,600	$9,200
Electrical	$27,500	$21,700	$24,900	$24,600
Mechanical	$55,800	$50,200	$87,200	$46,500
Site Enclosure	$7,900			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$362,800**	**$131,300**	**$152,600**	**$92,200**
Importance Code A	$135,800	$21,700	$8,300	$8,300
Importance Code B	$179,700	$101,400	$122,900	$83,900
Importance Code C	$47,300	$8,200	$21,400	
Total	**$362,800**	**$131,300**	**$152,600**	**$92,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	$58,100	
Masonry: Brick Cavity	55%			LIFE	* *	5	$159,700	
Masonry: Granite	5%			LIFE	* *	5	$10,900	
Masonry: Limestone	10%			LIFE	* *	5	$21,800	
Metal Panel	5%			2059	* *	5-10	$49,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$18,900	
Window Wall	3%			2059	* *	5	$16,300	
Windows								
Aluminum	100%			2055	* *	5	$27,000	
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$32,900	
Masonry: Brick Cavity	65%			LIFE	* *	5-10	$35,400	
Masonry: Limestone	5%			LIFE	* *	5-10	$4,900	
Metal Panel	5%			2059	* *	5	$1,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,000	
Roof								
Built-Up (BUR)	40%			2038	* *	10	$35,700	
Copper/Terne	2%			2068	* *	10	$4,500	
IRMA/Protected Membrane	40%	Now	$169,100	2041	* *			
Vegetation Growth, Extent : Severe, Area Affected : 2%								
Location : At Roof Drains								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Exit 5, New Wing								
Plaza Roof: Stone Panels	18%			2059	* *			
Soffits								
Metal Panel	100%			2053	* *	5-10		
Interior								
Floors								
Carpet	5%			2034	* *	3	$11,100	
Cast in Place Concrete	5%			LIFE	* *	5	$32,300	
Ceramic Tile	3%			2036	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	30%			2033	$1,223,100	3	$22,100	
Vinyl Tile	27%			2041	* *	3	$14,900	
Vinyl Tile 9" X 9"	20%			2028	$5,209,400	3	$14,800	
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Corridors And Classrooms In 1933 Wing								
Explanation : Asbestos Tiles								
Wood	5%			2048	* *	5	$13,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	13%			2046	* *	5	$42,800	
Folding Partition	2%			2055	* *	5	$16,400	
Gypsum Board	30%			LIFE	* *	5-10	$167,700	
Marble Panels	5%			LIFE	* *	10	$6,600	
Plaster	30%			LIFE	* *	5-10	$83,900	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$32,900	
Ceilings								
AcousTileSusp.Lay-In	30%			2050	* *	5	$44,300	
Exposed Struc: Concrete	23%			LIFE	* *	5-10	$42,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,800	
Gypsum Board	2%			LIFE	* *	5-10	$10,100	
Plaster	40%			LIFE	* *	5-10	$101,500	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2053	* *			
Iron Picket	95%	4+	$7,900	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Juniper Boulevard, Penelope Avenue And 80th Street								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%			2046	* *			
Pavers/Stone	10%			2042	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : 80th Street In Front Of School								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	80%			2042	* *			
Rubber Matting	20%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	80%			2053	* *	1		
Conduit	20%			2033	$57,800	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$200	
Fused Disc Sw	5%			2032	$15,000	5	$200	
Molded Case Bkrs	70%			2049	* *	5	$2,500	
Molded Case Bkrs	20%			2032	$59,900	5	$700	
Wiring								
Braided Cloth	20%	2-4	$79,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Original Portion Of The Building								
Thermoplastic	70%			2053	* *	1		
Thermoplastic	10%			2033	$40,000	1		
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$500	
Variable Frequency Drive	50%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$41,100	
Generators								
Diesel	100%			2042	* *	1	$51,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 250 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,900	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room 2								
Explanation : 275 Gallons Rated Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2038	* *	10	$112,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$2,400	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Library								
Fluorescent	5%			2038	* *	10	$6,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways, Lobby, Gymnasium								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	5%			2028	$31,100	10		
LED	25%			2038	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$900	
Alarm								
Security System								
Generic	50%			2038	* *	1	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside Of The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2038	* *	1	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$82,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	75%			2053	* *	1		
Interruptible Gas/Dual Fuel	25%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : No.2 Oil								
Conversion Equipment								
Furnace	50%			2038	* *	1	$33,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 4 Rooftop Package Units								
Furnace	15%			2041	* *	1	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 1 New Rooftop Package Unit								
Hot Water Boiler	10%			2050	* *	1	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 2 New Units								
Steam Boiler	25%	0-2	$58,200	2046	* *	1	$29,700	1
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Guage On Feed Water Pump And No. 1 Boiler Leaking Tubes								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : One Vacuum Pump Is Not Working. No. 1 Boiler Is Not Working Due To Defective Compressor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	10%			2055	* *	4	$700	
Steam Piping/Pump	25%			2043	* *			
No Component	65%							
Terminal Devices								
Convector/Radiator	25%			2031	$272,900	1	$10,800	
Convector/Radiator	10%			2050	* *	1	$4,300	
No Component	65%							
Air Conditioning								
Energy Source								
Electricity	25%			2041	* *	1		
Electricity	75%			2055	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2038	* *	2	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 4 Rooftop Units, R-410c Refrigerant								
Ext Pkg Unit - Heating/Cooling	25%			2041	* *	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 1 Rooftop Unit, R-410c Refrigerant								
Window/Wall Unit	15%			2028	$75,900	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%	0-2	$219,900	LIFE	* *	2-5	$55,800	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Building Management System, Throughout The New Wing.								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$29,500	
Exhaust Fans								
Interior	25%			2033	$148,000	2	$1,000	
Interior	10%			2041	* *	2	$400	
Roof	65%			2041	* *	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Electric	25%			2032	$11,800	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 1 Unit								
Gas Fired	75%			2028	$25,600	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Boiler Room								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	75%			LIFE	* *	1		
Cast Iron	25%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	75%			LIFE	* *	1		
Cast Iron	25%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%			2033	$13,400	4	$2,100	
Non-Submersible	50%			2041	* *	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$8,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	50%			2041	* *	1	$4,100	
Generic	50%			2038	* *	1	$4,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From 1st To 3rd Floor, One Unit From Ground To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2059	* *	1-5	$16,800	
Sprinkler								
No Component	25%							
Generic	75%			2059	* *	1-2	$28,100	
Fire Pump								
Generic	25%			2042	* *	1	$6,200	
Generic	75%			2046	* *	1	$18,700	
Chemical System								
Generic	100%			2032	$408,000	1-3	$372,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression 100 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 5 - BX**		
Address	: **564 JACKSON AVENUE @ E.149 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X005**
Program / Asset #	: **BOE0158.000 / 525**	**Yr Built/Renovated**	: **1961 / 2007**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Sep-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2642** **Lot** : **1**	**BIN**	: **2004548**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,543,500	$162,000
Interior Architecture	$431,200	$3,079,800
Electrical	$472,500	$431,800
Mechanical	$476,200	$4,310,300
Site Pavements	$65,700	
Total	**$2,989,200**	**$7,983,800**
Importance Code A	$1,543,500	$874,100
Importance Code B	$1,445,700	$7,109,700
Total	**$2,989,200**	**$7,983,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,600			$15,400
Interior Architecture	$123,900		$5,000	$13,500
Electrical	$3,400	$3,300	$80,300	$2,900
Mechanical	$80,900	$15,000	$61,500	$20,700
Site Enclosure	$20,200			
Site Pavements	$73,800			
Total	**$358,800**	**$18,200**	**$146,800**	**$52,500**
Importance Code A	$75,900	$8,500	$8,700	$23,900
Importance Code B	$165,700	$9,700	$138,100	$28,500
Importance Code C	$117,200			
Total	**$358,800**	**$18,200**	**$146,800**	**$52,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$16,000	
Masonry: Brick	70%	Now	$950,700	LIFE	* *	5	$79,600	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Jackson Avenue Near Exit 4								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Stair B								
Masonry: Brick	25%	Now	$339,500	LIFE	* *	5	$28,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%	Now	$3,000	2051	* *	5	$4,300	1
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Cafeteria								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 25%								
Location : Cafeteria								
Windows								
Aluminum	85%			2047	* *	5	$30,800	
Glass Block	3%	4+	$2,400	LIFE	* *	5	$700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Metal Louvers	2%			2040	* *	10	$4,500	
Steel	10%	Now	$54,500	2056	* *	5	$22,700	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : Cafeteria, Gymnasium, Stair Bulkhead								
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Cafeteria, Gymnasium, Stair Bulkhead								
Thermally Inefficient, Extent : Severe, Area Affected : 25%								
Location : Cafeteria, Gymnasium, Stair Bulkhead								
Parapets								
Masonry: Brick	30%	Now	$115,500	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Roof								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Roof								
Metal Rail	50%			2044	* *	5-10	$137,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Rail Is Very Low Approximately 24 Inches Above Roof Surface								
Metal: Cage/Fence	20%			2044	* *	5-10	$23,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	98%	0-2	$30,600	2036	* *			
Air/Water Blisters, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof Over Classrooms, Gymnasium								
Copper/Terne	2%	Now	$1,400	2059	* *			
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Stair A And B								
Soffits								
Cast in Place Concrete	100%	0-2	$5,500	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Jackson Avenue, Side Walkway								
Interior								
Floors								
Ceramic Tile	5%	Now	$7,600	2040	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : All Toilet Rooms								
Sheet Vinyl/Rubber	5%			2036	* *	5	$10,100	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	80%	4+	$297,500	2031	$2,974,800	3	$40,400	
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%			2059	* *	5	$12,600	
Interior Walls								
Ceramic Tile	5%	Now	$35,500	2040	* *	5	$6,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Concrete Masonry Unit	10%	Now	$48,500	LIFE	* *	5	$10,300	
Vertical Cracks, Extent : Severe, Area Affected : 10%								
Location : Stairs, Auditorium								
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$38,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	0-2	$26,000	2044	* *	5	$20,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	45%			LIFE	* *	5	$9,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2031	$105,000			
Metal Panel	5%	Now	$133,700	LIFE	* *	5	$8,400	
Deformed/Dented, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Plaster	10%			LIFE	* *	5	$8,400	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2051	* *			
Iron Picket	95%	2-4	$20,200	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$65,700	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Jackson Avenue, 149th Street								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Concord Avenue And East 150th Street								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$12,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Side Walkway								
Activity Yard								
Asphalt	65%	Now	$23,500	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Rubber Matting	35%	Now	$37,400	2041	* *			
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$400	
Raceway								
Conduit	75%			2031	$151,300	1		
Conduit	25%			2041	* *	1		
Panelboards								
Fused Disc Sw	3%			2039	* *	5	$100	
Fused Disc Sw	7%			2030	$16,800	5	$100	
Molded Case Bkrs	70%			2030	$167,600	5	$1,600	
Molded Case Bkrs	20%			2039	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	10%			2031	$29,200	1		
Motor Controllers								
Locally Mounted	70%			2029	$83,600	5	$400	
Locally Mounted	25%			2036	* *	5	$100	
Variable Frequency Drive	5%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	2%			2036	* *	10	$1,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	94%			2036	* *	10	$74,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$72,200	10	$10,400	
Exit, Service	50%			2026	$18,500	1		
Exterior Lighting								
HID	30%			2026	$120,400	10	$100	
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$48,400	1	$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Entry And Exit Doors								
Explanation : Intrusion Alarm Only; Motion Sensors Panic Bars								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$16,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Exit Doors								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$200,000	5	$26,600	
Conversion Equipment								
Steam Boiler	95%			2029	$712,100	1	$80,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Old Steam Boilers								
Steam Boiler	5%	0-2	$11,200	2044	* *	1	$3,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room, Deteriorated Refractory In Both Boilers								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of No.2 Boiler								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : No.2 Burner, Boiler Room								
Distribution								
Steam Piping/Pump	100%	0-2	$13,800	2031	$688,700			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$323,700	1	$10,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	20%			2036	* *	1	$5,600	
Fan Coil Unit/Heat	60%			2031	$1,279,300	1	$16,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Spaces								
Explanation : Unit Ventilators Observed								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	70%			2031	$888,100	1	$27,900	
No Component	30%							
Distribution								
CW & CHW Wtr Pipe/Pump	70%			2051	* *	4	$3,000	
No Component	30%							
Heat Rejection								
Air Cooled Condenser Unit	70%			2036	* *	2	$41,900	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$7,600	LIFE	* *	2-5	$4,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 40%								
Location : Roof								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$43,200	
Exhaust Fans								
Interior	40%			2026	$152,600	2	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Roof	40%			2031	$66,700	2	$1,100	
Roof	20%	0-2	$16,700	2041	* *	2	$400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	2%	0-2	$6,600	2061	* *	1		
Antiquated, Extent : Moderate, Area Affected : 50%								
Location : Basement Fire Sprinkler Room, Main Valves Not Holding								
Brass/Copper	98%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2031	$415,900	4	$8,500	
Sanitary Piping								
Cast Iron	10%	0-2	$2,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$17,200	4	$1,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$59,500	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 50 - M (UDC AND ECF)**		
Address	: **433 EAST 100 STREET @FDR DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M050**
Program / Asset #	: **BOE0029.000 / 1670**	**Yr Built/Renovated**	: **1975 / 2012**
Area Sq Ft	: **118,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,Ph**		
Block	: **1694** **Lot** : **1**	**BIN**	: **1083933**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$95,900	$268,500
Interior Architecture	$1,626,100	$2,519,100
Electrical		$826,000
Mechanical	$762,000	$7,542,300
Total	**$2,484,000**	**$11,155,900**
Importance Code A	$95,900	$319,900
Importance Code B	$1,276,900	$10,836,000
Importance Code C	$1,111,200	
Total	**$2,484,000**	**$11,155,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$49,600	$24,400		
Interior Architecture	$93,400		$4,700	$11,000
Electrical	$36,100	$11,200	$11,300	$14,700
Mechanical	$64,900	$48,500	$39,500	$55,100
Site Enclosure	$10,400			
Site Pavements	$58,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$316,700**	**$88,100**	**$59,500**	**$84,700**
Importance Code A	$61,300	$36,100	$11,700	$11,700
Importance Code B	$173,300	$52,000	$43,100	$73,100
Importance Code C	$82,200		$4,700	
Total	**$316,700**	**$88,100**	**$59,500**	**$84,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 50 - M (UDC AND ECF)

Asset # : 1670

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$191,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Cement - Fiber Panel	72%			2041	* *	10	$172,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Rainscreen Installed Throughout								
Window Wall	3%			2053	* *	5	$8,600	
Windows								
Aluminum	100%			2049	* *	5	$8,400	
Parapets								
Cast in Place Concrete	5%			LIFE	* *	5	$4,700	
Metal Panel	20%			2059	* *	5	$3,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Metal Cap Installed Throughout								
Metal Rail	75%			2050	* *	5-10	$62,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Fluid Applied Roofing	2%			2061	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Adjacent To Skylight								
Explanation : Location Noted								
Modified Bitumen	95%	4+	$17,300	2041	* *			
Ponding, Extent : Light, Area Affected : 15%								
Location : Throughout								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	3%			2053	* *	10	$3,300	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$48,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$154,700	
Ceramic Tile	10%	0-2	$49,800	2036	* *	5	$8,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Quarry Tile	20%			2038	* *	5	$53,000	
Vinyl Tile	50%	Now	$244,200	2033	$2,441,800	3	$33,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 50 - M (UDC AND ECF)

Asset # : 1670

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	Now	$14,400	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Oil Tank Room And By Basement Stairwell								
Ceramic Tile	5%			2036	* *	5	$9,500	
Concrete Masonry Unit	28%	Now	$995,800	LIFE	* *	5	$21,200	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement, Penthouse								
Explanation : Open Joints At Basement Wall								
Operable Wall	5%	Now	$55,100	2043	* *	5	$16,600	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Multipurpose Room 3rd Floor Room 305bc								
Explanation : Inoperable								
Plaster	58%			LIFE	* *	5-10	$93,300	
Wood	2%			LIFE	* *	5	$30,300	
Ceilings								
AcousTileSusp.Lay-In	8%			2038	* *	5	$14,100	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$22,100	
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$132,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Precast Waffle Construction								
Gypsum Board	15%			LIFE	* *	5-10	$91,100	
Metal Panel	2%			LIFE	* *	5	$8,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Newly Identified Finish								
Plaster	5%			LIFE	* *	5-10	$15,200	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Below Entry Ramp And Penthouse								
Site Enclosure								
Fence/Gates								
Chain Link	95%	4+	$10,200	2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Iron Picket	5%	2-4	$200	2053	* *			
Impact Damage, Extent : Light, Area Affected : 2%								
Location : Gate At Rear Outdoor Loading Dock								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 50 - M (UDC AND ECF)
Asset # : 1670

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	40%			2068	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry								
Explanation : Main Entry Ramp Walls								
Concrete Masonry Unit	60%			2043	* *			
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Loading Dock And Rear Of School								
Explanation : Recent Repairs Evident								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$16,200	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	100%	Now	$42,200	2036	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Front And Rear Driveways								
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Front And Rear Driveways								
Activity Yard								
Asphalt	95%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Repairs Evident								
Rubber Matting	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Recent Replacement Evident								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere, One 1,000 Ampere And Two 300 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 50 - M (UDC AND ECF)
Asset # : 1670

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	10%			2053	* *	1		
Conduit	90%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Toggle Switch	1%			2032	$2,400	5		
Molded Case Bkrs	84%			2032	$201,200	5	$2,600	
Wiring								
Thermoplastic	90%			2043	* *	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	40%			2050	* *	5	$300	
Locally Mounted	55%			2031	$99,800	5	$400	
Motor Control Center	5%			2031	$36,400	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Lighting								
Interior Lighting								
Fluorescent	93%			2038	* *	10	$100,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2038	* *	10	$1,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 2%								
Location : Library								
Fluorescent	1%			2038	* *	10	$1,100	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Library								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%	Now	$23,800	2041	* *			
Not Functioning, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Building								
Exit, Service	40%			2028	$20,400	1		
Exit, Battery	10%			2033	$16,700	10	$800	
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 50 - M (UDC AND ECF)
Asset # : 1670

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2028	$110,800	1	$22,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$22,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$6,100	2038	* *	1-3	$66,100	
Devices Damaged, Extent : Light, Area Affected : 2%								
Location : Penthouse								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$116,900	
Distribution								
Steam Piping/Pump	100%	Now	$189,000	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Sub-basement Mechanical Room Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Sub-basement Mechanical Room								
Explanation : Mixing Valve Has To Be Adjusted Manually And The Outside Air Louvers Do Not Close.								
Terminal Devices								
Air Handler	40%			2033	$888,200	1	$29,200	
Convector/Radiator	50%			2038	* *	1	$19,100	
Fan Coil Unit/Heat	10%	Now	$58,500	2028	$292,600	1	$3,400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Blowers In Units Not Functioning								
Controls								
Pneumatic	100%	Now	$114,000	2031	$2,280,500			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement Mechanical Room 1 Of 2 Air Compressors								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - M (UDC AND ECF)

Asset # : 1670

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	40%	0-2	$348,200	2033	$696,300	1	$19,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof And Basement								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Boiler Room Mezzanine And Penthouse								
Explanation : 3 Units, 2 In The Penthouse And One In The Sub Basement Mechanical Room Mezzanine								
Ext Pkg Unit - Heating/Cooling	10%			2033	$198,300	2	$700	
Split Unit	20%			2038	* *			
Window/Wall Unit	30%			2028	$134,100	1		
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2043	* *	4	$5,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2033	$2,289,600	1	$73,000	
Heat Rejection								
Air Cooled Condenser Unit	100%			2033	$341,600	2	$82,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Indoor Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,200	
Exhaust Fans								
Interior	70%			2033	$366,300	2	$2,500	
Interior	10%	2-4	$52,300	2043	* *	2	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Roof	20%			2038	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Antiquated, Extent : Light, Area Affected : 10%								
Location : Basement								
Water Heater With Tanks								
Electric	20%			2028	$18,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 30 Gallon Unit								
Gas Fired	80%			2028	$54,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 250 Gallon Tank. Quantity 3								

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DEPARTMENT OF EDUCATION - 040
P. S. 50 - M (UDC AND ECF)
Asset # : 1670

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$11,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units In 2 Locations								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To Roof								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$59,500	
Sprinkler								
No Component	85%							
Generic	15%			2043	* *	1-2	$5,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 50 - Q**				
Address	: **143-26 101 AVENUE BTWN: ALLENDALE ST., LIVERPOOL**				
Borough	: **QUEENS**			**Agency's Number**	: **Q050**
Program / Asset #	: **BOE0708.000 / 2652**			**Yr Built/Renovated**	: **1922 / 2014**
Area Sq Ft	: **140,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,Ph**				
Block	: **10024**	**Lot**	: **12**	**BIN**	: **4214461**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,196,600	$2,094,400
Interior Architecture	$832,800	$5,214,800
Electrical		$651,100
Mechanical	$1,082,300	$3,838,000
Total	**$3,111,700**	**$11,798,300**
Importance Code A	$1,196,600	$2,115,000
Importance Code B	$1,680,900	$9,595,100
Importance Code C	$234,100	$88,300
Total	**$3,111,700**	**$11,798,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$69,700	$14,900	$6,400	
Interior Architecture	$191,500		$49,800	$20,900
Electrical	$49,400	$22,800	$26,200	$26,000
Mechanical	$206,100	$98,100	$90,900	$61,700
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$526,600**	**$145,700**	**$183,200**	**$118,500**
Importance Code A	$79,400	$24,600	$16,100	$9,700
Importance Code B	$305,600	$121,100	$161,100	$108,800
Importance Code C	$141,600		$6,000	
Total	**$526,600**	**$145,700**	**$183,200**	**$118,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$67,300	
Cast Stone/Terra Cotta	45%			LIFE	* *	5	$1,514,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$26,900	
Masonry: Brick	30%			LIFE	* *	5	$129,200	
Masonry: Brick Cavity	5%			LIFE	* *	5	$21,500	
Metal Panel	3%			2043	* *	5-10	$44,400	
Window Wall	5%			2059	* *	5	$40,400	
Windows								
Aluminum	40%	Now	$196,000	2049	* *	5	$10,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout Original Building								
Glazing Clouded, Extent : Severe, Area Affected : 100%								
Location : All Windows								
Aluminum	58%			2055	* *	5	$29,800	
Metal Louvers	2%			2036	* *	10	$6,400	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5-10	$15,700	
Masonry: Brick	90%			LIFE	* *	5-10	$170,100	
Pre-Cast Concrete	8%			LIFE	* *	5	$27,800	
Roof								
IRMA/Protected Membrane	40%			2033	$1,188,800	10	$50,200	
Modified Bitumen	5%			2038	* *	10	$6,300	
Plaza Roof: Stone Panels	55%			2043	* *			
Soffits								
Glass: Special Gauge	5%			LIFE	* *	1		
Metal Panel	95%			2053	* *	5-10	$8,000	
Interior								
Floors								
Carpet	2%			2032	$74,100	3	$6,300	
Ceramic Tile	3%			2036	* *	5	$6,300	
Terrazzo	5%	2-4	$97,900	LIFE	* *	5	$8,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Main Lobby And Outside Auditorium								
Traffic Topping	5%	4+	$10,000	2033	$499,500	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Vinyl Tile	80%	4+	$92,500	2033	$4,627,000	3	$62,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2061	* *	5	$19,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$49,700	
Ceramic Tile	3%			2036	* *	5	$11,900	
Concrete Masonry Unit	5%	4+	$37,400	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 4th Floor Boiler Room								
Gypsum Board	37%			LIFE	* *	5-10	$250,300	
Masonry: Brick	8%			LIFE	* *	10	$9,500	
Marble Panels	2%			LIFE	* *	10	$3,200	
Plaster	33%			LIFE	* *	5-10	$111,600	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$9,900	
Wood	2%			LIFE	* *	5	$63,700	
Ceilings								
AcousTileConcealSpLn	10%			2038	* *	5	$24,000	
AcousTileSusp.Lay-In	25%	4+	$39,900	2038	* *	5	$24,000	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout Old Building								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout Old Building								
AcousTileSusp.Lay-In	30%			2046	* *	5	$57,500	
Plaster	35%	Now	$408,200	LIFE	* *	5	$41,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : 5th Floor, Stair B								
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : 5th Floor, Stair B								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2043	* *			
Iron Picket	95%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	5%			2036	* *			
Cast in Place Concrete	95%			2046	* *			
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2033	$20,600	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Old Wing								
Explanation : One 2,500 Ampere Main Disconnect Switch For The Old Wing								
Fused Disc Sw	60%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room New Wing								
Explanation : Five Main Disconnect Switches Rated At 3000, 1200, 600, 200 And 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	40%			2033	$117,000	5	$200	
Fused Disc Sw	60%			2053	* *	5	$400	
Raceway								
Conduit	40%			2033	$115,500	1		
Conduit	60%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	30%			2032	$89,800	5	$1,100	
Molded Case Bkrs	60%			2049	* *	5	$2,200	
Wiring								
Thermoplastic	40%			2033	$159,800	1		
Thermoplastic	60%			2053	* *	1		
Motor Controllers								
Locally Mounted	30%			2046	* *	5	$300	
Variable Frequency Drive	70%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$43,100	
Generators								
Diesel	100%			2042	* *	1	$54,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outdoor Enclosure								
Explanation : One 300 Kilowatts Rated Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$5,200	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outdoor Enclosure								
Explanation : One 250 Gallons Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	83%			2038	* *	10	$106,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%	Now	$20,900	2033	$41,700			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
LED	15%			2038	* *			
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, Battery	40%			2038	* *	10	$3,800	
Exterior Lighting								
LED	10%			2038	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,300	
Alarm								
Security System								
Generic	50%			2038	* *	1	$26,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$26,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$86,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	60%			2053	* *	1		
Interruptible Gas/Dual Fuel	40%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	60%			2046	* *	1	$41,500	
Other Observation, Extent : N/A, Area Affected : 60%								
Location : 4th Floor								
Explanation : 2 Units								
Steam Boiler	40%			2046	* *	1	$55,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	60%			2049	* *	4	$6,200	
Steam Piping/Pump	40%	Now	$22,400	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In Basement								
Terminal Devices								
Air Handler	15%			2028	$395,200	1	$13,000	
Air Handler	40%			2038	* *	1	$34,600	
Convector/Radiator	25%			2031	$286,200	1	$11,300	
Convector/Radiator	15%			2046	* *	1	$6,800	
Unit Heater - Steam	5%			2033	$39,800	4	$1,000	
Controls								
Digital	60%			2031	$2,412,500			
Pneumatic	40%	0-2	$54,100	2027	$1,082,300			
Low Pressure, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	40%			2041	* *	1		
Electricity	60%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	65%			2038	* *	1	$42,200	
Split Unit	15%			2038	* *			
Window/Wall Unit	10%			2028	$53,000	1		
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2038	* *	1	$51,900	
No Component	40%							
Heat Rejection								
Water Cooling Tower	60%			2034	* *	2	$84,500	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$49,400	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$74,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2028	$186,300	2	$1,300	
Interior	60%			2038	* *	2	$2,600	
Roof	10%			2033	$27,200	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2043	* *	1		
Brass/Copper	60%			2053	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	60%			2038	* *	4	$1,800	
Non-Submersible	40%			2033	$11,200	4	$1,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$8,600	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : 1 Unit								
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : 1 Unit - 250 Gallons								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	40%			2043	* *	1-5	$28,200	
Generic	60%			2053	* *	1-5	$42,400	
Sprinkler								
No Component	35%							
Generic	5%			2033	$96,800	1-2	$2,000	
Generic	60%			2053	* *	1-2	$23,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
No Component	40%							
Generic	60%	Now	$8,000	2042	* *	1	$14,100	
Leak Evident, Extent : Light, Area Affected : 50%								
Location : Gasket On Pump In Basement								
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Pump Runs All The Time								
Chemical System								
Generic	100%			2031	$408,000	1-3	$372,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 100 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 50 - SI**		
Address	: **200 ADELAIDE AVENUE @ PLATT ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R050**
Program / Asset #	: **BOE0935.000 / 1412**	**Yr Built/Renovated**	: **1957 / 2012**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4716** **Lot** : **60**	**BIN**	: **5063495**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,229,800	
Interior Architecture	$9,027,900	$99,700
Electrical	$204,200	$424,600
Mechanical	$312,400	$422,600
Site Pavements		$87,700
Total	**$10,774,300**	**$1,034,600**
Importance Code A	$1,229,800	
Importance Code B	$9,544,500	$1,034,600
Total	**$10,774,300**	**$1,034,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$95,600		$14,400	$6,200
Interior Architecture	$14,300	$1,600	$39,200	$6,400
Electrical	$61,300	$800	$66,300	$1,100
Mechanical	$16,800	$12,100	$18,100	$13,000
Site Pavements	$10,400			
Total	**$198,400**	**$14,500**	**$138,000**	**$26,600**
Importance Code A	$103,800	$8,200	$22,600	$14,600
Importance Code B	$94,500	$4,700	$115,400	$12,100
Importance Code C		$1,600		
Total	**$198,400**	**$14,500**	**$138,000**	**$26,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	4%			LIFE	* *	5	$1,100	
Glazed Ceramic Panel	5%			LIFE	* *	5	$9,900	
Masonry: Brick	85%			LIFE	* *	5	$35,900	
Masonry: Granite	1%	4+	$6,700	LIFE	* *	5	$300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	Now	$49,900	LIFE	* *	5	$1,600	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Various Window Sills And Door Surrounds								
Windows								
Aluminum	100%			2047	* *	5	$12,300	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$10,000	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	25%			2044	* *	5-10	$64,300	
Roof								
Built-Up (BUR)	95%			2026	$1,132,800	10	$97,100	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Ponding, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2046	* *	10	$12,800	
Soffits								
Stucco Cement	100%			2036	* *	5	$3,300	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$19,600	
Ceramic Tile	3%			2034	* *	5	$3,800	
Terrazzo	5%			LIFE	* *	5	$5,000	
Vinyl Tile	40%			2036	* *	3	$25,600	
Vinyl Tile 9" X 9"	40%			2026	$9,027,900	3	$19,200	
Wood	5%			2059	* *	5	$12,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$3,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$3,800	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$9,000	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2036	* *	5	$25,600	
AcousTileConcealSpLn	25%			2036	* *	5	$40,000	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,000	
Fiber Board	5%			2031	$99,700			
Plaster	40%			LIFE	* *	5	$32,000	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2041	* *			
Iron Picket	30%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$10,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Adelaide Street By Entrance								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Adelaide Street By Entrance								
On-Site Walkways								
Asphalt	70%			2034	* *			
Cast in Place Concrete	25%			2036	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	80%			2034	* *			
Pavers/Stone	10%			2040	* *			
Rubber Matting	10%			2031	$87,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere And 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$400	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2057	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	7%			2030	$16,800	5	$100	
Fused Disc Sw	3%			2053	* *	5	$100	
Molded Case Bkrs	10%			2053	* *	5	$200	
Molded Case Bkrs	80%	Now	$9,600	2047	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Panel Lp2c								
Explanation : Circuit Breakers 22 And 24 Tripping Due To Short Circuits In Exterior Lighting Branch Circuits								
Wiring								
Braided Cloth	70%	2-4	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2057	* *	1		
Thermoplastic	20%			2031	$58,300	1		
Motor Controllers								
Locally Mounted	85%			2029	$101,500	5	$500	
Locally Mounted	15%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	92%			2039	* *	10	$70,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2039	* *	10	$3,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Fan And Closets								
LED	4%	Now	$18,400	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 33%								
Location : Gymnasium								
Explanation : Fixtures Dark Or Flashing								
Egress Lighting								
Emergency, Service	50%			2026	$25,600	1		
Exit, Service	50%			2026	$17,900	1		
Exterior Lighting								
HID	20%	Now	$23,200	2039	* *			
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 50%								
Location : Stairwell								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Explanation : Lighting Branch Circuit Conduit And Junction Boxes Damaged. Exposed Wires.								
HID	80%			2039	* *	10	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2066	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chimney								
Explanation : Air Terminals On Chimney								
Alarm								
Security System								
No Component	90%							
Generic	10%	Now	$9,300	2041	* *	1	$2,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%			2026	$21,400	1-3	$5,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2061	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$82,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Natural Gas Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	20%			2026	$312,400	1	$10,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	80%			2036	* *	1	$21,500	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	2%			2036	* *			
Window/Wall Unit	70%			2029	$220,100	1		
No Component	28%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	
Exhaust Fans								
Interior	20%			2031	$73,600	2	$500	
Roof	80%			2031	$128,800	2	$2,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	70%			2036	* *	1		
Galvanized Steel	10%	Now	$5,300	2044	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Leak At Water Main								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 100 Gallon Unit								
Sanitary Piping								
Cast Iron	1%			LIFE	* *	1		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Cast Iron	99%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2031	$16,600	4	$1,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
No Component	98%							
Generic	2%			2029	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 51 ELIAS HOWE - M**
Address : **525 W.44 STREET BTWN: 10 AVE., 11 AVE.**
Borough : **MANHATTAN**
Agency's Number : **M338**
Program / Asset # : **BOE1125.000 / 14745**
Yr Built/Renovated : **2013 /**
Area Sq Ft : **96,476**
Project Type : **EDUCATION**
Date of Survey : **27-Oct-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,6**
Block : **1073** **Lot** : **14** **BIN** : **1088462**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$92,600	$212,800
Interior Architecture	$118,400	$469,100
Electrical		$87,600
Mechanical	$132,400	$3,083,900
Total	**$343,400**	**$3,853,400**
Importance Code A	$92,600	$212,800
Importance Code B	$132,400	$3,576,000
Importance Code C	$118,400	$64,600
Total	**$343,400**	**$3,853,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$143,000		$5,700	
Interior Architecture	$176,100		$58,900	$26,000
Electrical	$20,200	$15,700	$18,100	$18,200
Mechanical	$87,400	$49,300	$38,700	$29,500
Site Pavements	$12,600			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$451,100**	**$76,900**	**$133,200**	**$85,600**
Importance Code A	$150,200	$4,800	$10,500	$4,800
Importance Code B	$253,800	$72,100	$122,700	$58,400
Importance Code C	$47,200			$22,400
Total	**$451,100**	**$76,900**	**$133,200**	**$85,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 ELIAS HOWE - M

Asset # : 14745

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	3%			LIFE	* *	5	$4,500	
Masonry: Brick	77%			LIFE	* *	5	$185,100	
Metal Panel	20%			2053	* *	5-10	$165,300	
Windows								
Aluminum	100%			2049	* *	5	$35,200	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$85,900	
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$44,300	
Masonry: Brick	40%			LIFE	* *	5-10	$28,500	
Metal Rail	5%			2046	* *	5-10	$9,400	
Roof								
IRMA/Protected Membrane	100%	Now	$23,700	2038	* *			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 519 And Corridor Adjacent To Room 503								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Inverted Roof Membrance Assembly Roof (IRMA)								
Interior								
Floors								
Carpet	5%			2032	$127,700	3	$10,800	
Cast in Place Concrete	5%			LIFE	* *	5	$31,600	
Ceramic Tile	5%			2042	* *	5	$7,200	
Poured Epoxy/Resin	5%			2031	$404,500			
Quarry Tile	2%			2046	* *	5	$4,300	
Vinyl Tile	73%			2038	* *	3	$39,500	
Wood	5%			2061	* *	5	$13,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$22,400	
Ceramic Tile	25%			2042	* *	5	$44,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,200	
Folding Partition	2%			2049	* *	5	$9,000	
Glass: Single Pane	3%			LIFE	* *	5	$8,100	
Gypsum Board	60%			LIFE	* *	5-10	$183,000	
Ceilings								
AcousTileSusp.Lay-In	60%			2046	* *	5	$66,300	
Exposed Struc: Steel	10%			LIFE	* *	10	$22,100	
Gypsum Board	20%			LIFE	* *	5-10	$76,000	
Metal Panel	5%			LIFE	* *	5	$13,800	
Wood	5%			LIFE	* *	5	$96,700	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 51 ELIAS HOWE - M
Asset # : 14745

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Chain Link	50%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Rooftop Playground Enclosure								
Iron Picket	10%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	60%			2042	* *			
Cast in Place Concrete	10%			2046	* *			
Pavers/Stone	30%	2-4	$12,600	2042	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 20%								
Location : Adjacent To Benches In Schoolyard								
Activity Yard								
Rubber Matting	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2046	* *	5	$400	
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	95%			2049	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	30%			2046	* *	5	$200	
Variable Frequency Drive	70%			2046	* *			
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 51 ELIAS HOWE - M
Asset # : 14745

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$29,700	
Generators								
Diesel	100%			2042	* *	1	$37,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 350 Kilowatt Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$75,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 85%								
Location : Throughout The Building								
Fluorescent	14%			2038	* *	10	$12,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 15%								
Location : Throughout The Building								
HID	1%			2038	* *	10		
Egress Lighting								
Emergency, Service	30%			2038	* *	1		
Exit, Battery	70%			2038	* *	10	$4,600	
Exterior Lighting								
Fluorescent	2%			2038	* *	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 14%								
Location : Roof And Yard								
HID	7%			2038	* *	10		
LED	1%			2038	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$500	
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 51 ELIAS HOWE - M
Asset # : 14745

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$18,000	
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$18,000	
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Throughout The Building								
Explanation : CCTV System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$59,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns, Strobes And Smoke Detection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	85%			2038	* *	1	$40,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Hot Water Boiler	15%	Now	$3,100	2046	* *	1	$6,400	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Boiler Check Valve								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	15%			2049	* *	4	$1,100	
No Component	85%							
Terminal Devices								
Convector/Radiator	15%			2046	* *	1	$4,700	
No Component	85%							
Controls								
Digital	100%	Now	$55,400	2031	$2,770,800			
Software Issue Suspected, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 51 ELIAS HOWE - M

Asset # : 14745

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%	Now	$77,000	2038	* *	2	$4,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Compressors For Units 3 And 5								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Package Units Using 410-a Refrigerant								
Split Unit	5%			2038	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,200	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 6th Floor								
Explanation : 300-gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%	Now	$25,300	2038	* *	4	$3,800	
Broken, Extent : Moderate, Area Affected : 50%								
Location : One Of Two Pumps In The Basement								
Backflow Preventer								
Generic	100%			2038	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : From Cellar To 6th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$48,600	
Sprinkler								
Generic	100%			2053	* *	1-2	$27,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 51 ELIAS HOWE - M

Asset # : 14745

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%	4+	$1,800	2042	* *	1	$16,200	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Basement								
Chemical System								
Generic	100%			2031	$244,800	1-3	$223,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Hood Is 20 Feet Long, 60 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 52 - BK**		
Address	: **2675 EAST 29TH ST. @ VOORHIES AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K052**
Program / Asset #	: **BOE0381.000 / 2515**	**Yr Built/Renovated**	: **1950 / 2007**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **7474** **Lot** : **1**	**BIN**	: **3205435**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,973,900	$108,100
Interior Architecture	$300,400	$168,000
Electrical	$318,000	$465,100
Mechanical	$841,200	$728,700
Total	**$3,433,500**	**$1,469,800**
Importance Code A	$1,973,900	$108,100
Importance Code B	$1,396,800	$1,361,700
Importance Code C	$62,800	
Total	**$3,433,500**	**$1,469,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$29,700	$8,300		
Interior Architecture	$114,600	$20,200		$3,400
Electrical	$38,500	$3,600	$3,200	$2,800
Mechanical	$45,200	$12,900	$19,600	$12,900
Site Enclosure	$32,600			
Site Pavements	$5,200			
Total	**$265,800**	**$45,000**	**$22,800**	**$19,100**
Importance Code A	$38,700	$17,400	$9,000	$9,200
Importance Code B	$168,000	$27,700	$13,800	$9,900
Importance Code C	$59,100			
Total	**$265,800**	**$45,000**	**$22,800**	**$19,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$178,000	LIFE	* *	5	$108,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Bulkheads C And D								
Masonry: Limestone	5%			LIFE	* *	5	$4,300	
Windows								
Aluminum	33%	Now	$655,700	2057	* *	5	$6,000	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 60%								
Location : Throughout. Lexan Panes								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Various Sashes Throughout								
Other Observation, Extent : Light, Area Affected : 40%								
Location : Windows At Grade And Throughout								
Explanation : Protective Metal Grilles								
Aluminum	66%	Now	$1,140,300	2057	* *	5	$12,000	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Windows Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Windows Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Windows Throughout								
Metal Louvers	1%			2041	* *	10	$2,300	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$12,900	
Metal Rail	5%			2045	* *	5-10	$13,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,600	
Roof								
Metal Panel	5%	0-2	$1,900	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads C And D								
Modified Bitumen	95%	Now	$27,800	2040	* *			
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	Now	$34,300	LIFE	* *	5	$44,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Water Main Area. Basement								
Ceramic Tile	5%	Now	$7,600	2035	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : And Kitchen								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	45%			2040	* *	3	$22,700	
Vinyl Tile 9" X 9"	20%	Now	$237,600	2042	* *	3	$10,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Door Thresholds At 3rd Floor Classrooms								
Wood	10%			2060	* *	5	$25,200	
Interior Walls								
Ceramic Tile	3%	2-4	$21,300	2047	* *	5	$3,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Kitchen								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$15,500	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	50%	Now	$62,800	LIFE	* *	5	$38,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	0-2	$21,700	2037	* *	5	$16,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Exposed Struc: Concrete	35%			LIFE	* *	5	$7,400	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement Boiler								
Fiber Board	8%	Now	$3,400	2032	$168,000			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Basement Corridors								
Metal Panel	2%	0-2	$1,800	LIFE	* *	5	$3,400	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	30%	Now	$24,600	LIFE	* *	5	$25,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridors And Below Mechanical Bulkhead								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$15,600	2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Parking And Trash Containers								
Iron Picket	50%	0-2	$17,000	2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$5,200	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Trash Containers								
Activity Yard								
Asphalt	70%			2041	* *			
Rubber Matting	30%			2032				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2042	* *	5	$200	
Fused Knife Sw	50%	2-4	$113,800	2062	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	20%			2042	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Fused Knife Sw	10%	2-4	$24,000	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	5%	2-4	$12,000	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2040	* *	5	$500	
Molded Case Bkrs	55%			2031	$131,700	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$204,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$500	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%			2032	$76,400	10	$11,000	
Exit, Service	50%			2032	$19,600	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$10,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$16,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$90,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Natural Gas Fired Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$14,600	2032	$728,700			
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : The Vacuum Pump In Boiler Room.								
Other Observation, Extent : Severe, Area Affected : 85%								
Location : Throughout								
Explanation : There Is No Temperature Control Since All The Actuators Have Been Removed From The System About One Year Ago.								
Terminal Devices								
Air Handler	15%			2027	$256,900	1	$8,400	
Convector/Radiator	85%	Now	$12,700	2037	* *	1	$22,500	
Other Observation, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Explanation : Radiators Became Very Low Efficient Since Completion Of Steam Traps Replacement Project About One Year Ago.								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2027	$241,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	85%			2027	$343,100	2	$2,400	
Roof	10%	Now	$7,100	2042	* *	2	$200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 2 Units On Roof								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Roof								
Roof	5%			2037	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$18,200	4	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$37,800	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 52 - Q**		
Address	: **GUY R. BREWER BLVD/ 146 TERRACE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q052**
Program / Asset #	: **BOE0709.000 / 969**	**Yr Built/Renovated**	: **1927 / 2012**
Area Sq Ft	: **63,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **13353** **Lot** : **20**	**BIN**	: **4285972**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$213,400	$242,400
Interior Architecture	$534,200	$1,509,900
Electrical	$174,500	$271,200
Mechanical	$769,600	$975,000
Site Pavements		$158,100
Total	**$1,691,700**	**$3,156,600**
Importance Code A	$213,400	$242,400
Importance Code B	$1,408,000	$2,914,200
Importance Code C	$70,400	
Total	**$1,691,700**	**$3,156,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,400	$8,700		$8,700
Interior Architecture	$169,600	$2,200		$11,100
Electrical	$49,500	$2,000	$2,000	$48,200
Mechanical	$65,200	$9,400	$13,900	$74,200
Site Enclosure	$5,200			
Site Pavements	$23,900			
Total	**$351,900**	**$22,300**	**$15,900**	**$142,200**
Importance Code A	$44,700	$15,000	$6,200	$15,000
Importance Code B	$268,100	$7,300	$9,700	$127,100
Importance Code C	$39,200			
Total	**$351,900**	**$22,300**	**$15,900**	**$142,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$83,300	
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Windows								
Metal Louvers	2%			2041	* *	10	$4,100	
Wood	98%	Now	$127,800	2048	* *	5	$159,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	85%	Now	$85,600	LIFE	* *	5	$13,500	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : North Facade Between Flat And Sloped Roof								
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Metal Rail	5%			2045	* *	5-10	$14,400	
Roof								
Built-Up (BUR)	95%	4+	$38,400	2037	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Copper/Terne	5%			2047	* *	10	$8,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	0-2	$37,700	LIFE	* *	5	$48,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Mosaic Tile	5%	Now	$69,200	2037	* *	5	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Quarry Tile	2%			2045	* *	5	$4,400	
Terrazzo	5%	2-4	$69,000	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : First Floor Entry								
Vinyl Tile	35%	Now	$28,500	2032	$1,426,900	3	$19,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	Now	$325,600	2042	* *	3	$13,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout Classrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms								
Wood	13%	2-4	$22,900	2047	* *	5	$18,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Band Stage								
Interior Walls								
Ceramic Tile	3%	Now	$29,400	2035	* *	5	$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms And Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Bathrooms And Kitchen								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,800	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%	0-2	$6,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Lobby And Auditorium								
Plaster	65%	0-2	$70,400	LIFE	* *	5	$17,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout, 401b, D, F								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : 401 B, D, F								
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,300	
Plaster	85%			LIFE	* *	5	$78,400	
Plaster	5%	Now	$44,900	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : 401 B, D, F								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2058	* *			
Iron Picket	15%	4+	$2,700	2067	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Loading Dock								
Retaining Walls								
Cast in Place Concrete	95%	0-2	$2,500	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 146th Street Stairs								
Masonry: Brick	5%			2042	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	95%			2045	* *			
Pavers/Stone	5%	Now	$800	2035	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Entry Stairs								
Activity Yard								
Asphalt	50%	Now	$11,100	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Activity Yard								
Cast in Place Concrete	13%			2049	* *			
Rubber Matting	10%			2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 146th Street And Guy Brewer Boulevard								
Rubber Matting	12%	Now	$7,900	2032	$158,100			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Astroturf								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Corner Of Brewer And Terrace								
Explanation : Astroturf								
Traffic Topping	15%	Now	$4,100	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Rated At 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	2%			2048	* *	5		
Fused Disc Sw	8%			2031	$14,400	5	$100	
Molded Case Bkrs	20%			2031	$35,900	5	$300	
Molded Case Bkrs	70%			2048	* *	5	$1,200	
Wiring								
Braided Cloth	30%	2-4	$59,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Sections Of The Building								
Thermoplastic	40%			2052	* *	1		
Thermoplastic	30%			2032	$59,900	1		
Motor Controllers								
Locally Mounted	50%			2030	$59,700	5	$200	
Locally Mounted	50%			2045	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
LED	100%			2037	* *			
Egress Lighting								
Emergency, Battery	25%			2037	* *	10	$3,800	
Emergency, Battery	25%			2027	$26,400	10	$3,800	
Exit, Service	40%			2037	* *	1		
Exit, Service	10%			2027	$2,700	1		
Exterior Lighting								
HID	30%			2027	$88,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$35,500	1	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$48,800	2042	* *	1-3	$10,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$62,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	5%	Now	$15,100	2062	* *			
Corroded, Extent : Severe, Area Affected : 70%								
Location : Vacuum Condensate Tank. Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Condensate Tank. Boiler Room								
Steam Piping/Pump	95%			2032	$479,300			
Terminal Devices								
Air Handler	15%			2027	$177,800	1	$5,800	
Convector/Radiator	65%			2030	$334,900	1	$13,200	
Fan Coil Unit/Heat	20%	0-2	$31,200	2027	$312,400	1	$3,700	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$9,500	2027	$47,700	1		
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	80%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,100	
Exhaust Fans								
Interior	100%			2027	$279,400	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$160,900	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$12,600	4	$2,000	
Backflow Preventer								
Generic	100%			2032	$28,100	1	$3,900	
Fixtures								
Generic	100%							
	Obsolete Fixtures, Extent : Moderate, Area Affected : 80%							
	Location : Throughout							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$43,600	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 52 - SI**		
Address	: **450 BUEL AVENUE @NUGENT AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R052**
Program / Asset #	: **BOE0937.000 / 1413**	**Yr Built/Renovated**	: **1965 / 2013**
Area Sq Ft	: **71,270**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3705** **Lot** : **1**	**BIN**	: **5053746**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$201,300	$806,200
Interior Architecture	$135,800	$1,302,300
Electrical	$56,200	$1,451,800
Mechanical		$742,800
Total	**$393,300**	**$4,303,200**
Importance Code A	$201,300	$806,200
Importance Code B	$192,000	$3,497,000
Total	**$393,300**	**$4,303,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,700	$16,200		
Interior Architecture	$213,800	$18,400	$15,700	$900
Electrical	$14,500	$11,600	$13,200	$14,600
Mechanical	$49,900	$30,000	$24,200	$17,100
Site Enclosure	$13,800			
Elevators/Escalators	$10,700	$10,700	$10,700	$10,700
Total	**$340,300**	**$86,900**	**$63,800**	**$43,200**
Importance Code A	$44,200	$22,800	$6,500	$6,500
Importance Code B	$216,600	$64,200	$57,200	$36,700
Importance Code C	$79,500			
Total	**$340,300**	**$86,900**	**$63,800**	**$43,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$137,000	
Masonry: Brick	90%			LIFE	* *	5	$157,800	
Windows								
Aluminum	100%			2055	* *	5	$32,500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$22,600	
Masonry: Brick	20%			LIFE	* *	5-10	$21,800	
Metal: Cage/Fence	75%			2046	* *	5-10	$92,400	
Roof								
Built-Up (BUR)	75%			2033	$606,800	10	$52,000	
Copper/Terne	5%			2048	* *	10	$8,700	
Single Ply Membrane	20%			2041	* *	10	$13,900	
Soffits								
Cast in Place Concrete	50%	4+	$2,700	LIFE	* *	5	$4,500	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Main Entry Cover								
Cement - Fiber Panel	50%			2038	* *	10	$2,800	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$96,800	
Ceramic Tile	5%	Now	$41,600	2042	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Toilets And Kitchen								
Quarry Tile	5%			2046	* *	5	$11,100	
Terrazzo	10%			LIFE	* *	5	$23,100	
Vinyl Tile	55%			2038	* *	3	$30,400	
Vinyl Tile 9" X 9"	5%			2033	$1,302,300	3	$3,700	
Wood	5%			2048	* *	5	$13,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$11,100	
Ceramic Tile	5%	Now	$12,200	2042	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Bathrooms, Kitchen								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,600	
Plaster	60%			LIFE	* *	5-10	$45,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$11,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	0-2	$71,200	2038	* *	5	$11,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
AcousTileSusp.Lay-In	25%			2050	* *	5	$36,900	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$18,400	
Exposed Struc: Steel	10%			LIFE	* *	10	$29,500	
Plaster	40%			LIFE	* *	5-10	$101,500	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Iron Picket	25%	4+	$13,800	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Sidewalk								
Explanation : Work In Progress								
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Asphalt	100%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : Work In Progress								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	45%			2032	$80,800	5	$800	
Molded Case Bkrs	40%			2049	* *	5	$800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Wiring								
Thermoplastic	80%			2033	$159,700	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	$71,700	5	$300	
Locally Mounted	30%			2046	* *	5	$100	
Variable Frequency Drive	10%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Recent Installation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$21,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Automatic Transfer Switches								
Generators								
Natural Gas	100%			2042	* *	1	$27,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Recent Installation. 80 Kilowatt Generator Set And 75 Kilowatt Load Bank								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	84%			2028	$892,400	10	$54,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2028	$21,200	10	$1,300	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Library								
HID	2%			2028	$16,900	10		
Incandescent	2%			2028	$39,500	2		
LED	10%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$59,800	10	$8,600	
Exit, Battery	50%			2033	$50,500	10	$2,400	
Exterior Lighting								
HID	10%			2028	$33,300	10		
LED	10%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2041	* *	1	$13,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Surveillance Cameras System								
Generic	50%			2041	* *	1	$13,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$43,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	15%			2038	* *	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Extension Roof								
Explanation : 4 Units. Part Of Air Conditioning System								
Steam Boiler	85%			2046	* *	1	$60,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	85%			2053	* *			
No Component	15%							
Terminal Devices								
Air Handler	30%			2038	* *	1	$13,200	
Convector/Radiator	40%			2038	* *	1	$9,200	
Fan Coil Unit/Heat	15%			2033	$265,100	1	$3,500	
No Component	15%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	15%			2038	* *			
Window/Wall Unit	75%	0-2	$10,100	2031	$202,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. One Window-Wall Unit Is Not Working								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,900	
Exhaust Fans								
Interior	30%			2041	* *	2	$700	
Roof	70%			2033	$96,800	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galvanized Steel	70%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 300 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,500	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,800	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$1,000	
Chemical System								
Wet	100%			2031	$110,200	1-3	$112,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Kitchen Sprinkler System, Dimension 3 Feet X 9 Feet, Ansul-102								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 53 - SI**		
Address	: **330 DURANT AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R053**
Program / Asset #	: **BOE0938.000 / 1414**	**Yr Built/Renovated**	: **1966 / 2007**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5106** **Lot** : **1**	**BIN**	: **5065016**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,027,000	$204,100
Interior Architecture	$62,800	$13,087,700
Electrical	$508,600	$571,400
Mechanical		$1,914,900
Total	**$1,598,400**	**$15,778,000**
Importance Code A	$1,027,000	$788,100
Importance Code B	$571,400	$14,989,900
Total	**$1,598,400**	**$15,778,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$32,500	$31,500
Interior Architecture	$59,800	$9,200	$13,300	$3,700
Electrical	$18,900	$1,800	$57,500	$1,000
Mechanical	$128,000	$9,600	$41,100	$12,900
Site Pavements	$15,300			
Total	**$222,000**	**$20,600**	**$144,400**	**$49,100**
Importance Code A	$11,700	$6,600	$39,300	$38,100
Importance Code B	$171,100	$14,000	$102,000	$11,000
Importance Code C	$39,200		$3,100	
Total	**$222,000**	**$20,600**	**$144,400**	**$49,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - SI

Asset # : 1414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	0-2	$122,700	LIFE	* *	5	$74,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Ramp Walls At Exit 4 And 12								
Pre-Cast Concrete	15%			LIFE	* *	5	$42,700	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Fascia Banding At All Elevations								
Windows								
Aluminum	100%			2047	* *	5	$32,500	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$4,000	
Metal Panel	10%			2031	$129,600	5	$6,200	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	40%			2036	* *	5-10	$114,900	
Pre-Cast Concrete	25%			LIFE	* *	5	$25,000	
Roof								
Built-Up (BUR)	95%			2026	$768,600	10	$65,900	
Alligatoring, Extent : Light, Area Affected : 20%								
Location : Throughout								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ponding, Extent : Light, Area Affected : 10%								
Location : Adjacent To Stair Bulkheads								
Copper/Terne	2%			2059	* *	10	$3,500	
Roll Roofing	3%			2027	$13,500	5	$3,500	
Other Observation, Extent : Light, Area Affected : 66%								
Location : Two Stair Bulkheads								
Explanation : Copper Roofs Replaced With Roll Roofing Assembly								
Soffits								
Stucco Cement	100%			2036	* *	5	$58,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,300	
Ceramic Tile	5%			2034	* *	5	$7,400	
Sheet Vinyl/Rubber	5%			2036	* *	5	$11,100	
Terrazzo	5%			LIFE	* *	5	$5,800	
Traffic Topping	5%			2036	* *	5	$9,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : This Is Actually A Fluid Applied Floor Finish								
Vinyl Tile	20%			2036	* *	3	$14,800	
Vinyl Tile 9" X 9"	50%			2031	$13,023,100	3	$27,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - SI

Asset # : 1414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$4,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,600	
Masonry: Brick	3%			LIFE	* *			
Operable Wall	2%			2041	* *	5	$6,200	
Plaster	50%	Now	$21,700	LIFE	* *	5	$13,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 323								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	4+	$28,500	2036	* *	5	$22,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Corridors								
Plaster	70%	Now	$62,800	LIFE	* *	5	$64,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Stairwell Below Exit 4								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Stairwell Below Exit 4								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2036	* *			
Masonry: Granite	5%	Now	$15,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Stairs At Exit 4								
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - SI

Asset # : 1414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2057	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	95%			2031	$137,400	1		
Conduit	5%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	80%			2030	$143,700	5	$1,400	
Molded Case Bkrs	10%			2053	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2057	* *	1		
Thermoplastic	20%			2031	$39,900	1		
Motor Controllers								
Locally Mounted	25%	Now	$17,900	2051	* *	5	$100	
Not Functioning, Extent : Moderate, Area Affected : 33%								
Location : Basement Boiler Room								
Locally Mounted	75%			2051	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Grounding Bus Bars Installed At Different Locations								
Lighting								
Interior Lighting								
Fluorescent	80%			2039	* *	10	$49,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2039	* *	10	$6,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement, Fan Room, Staircases, Electrical Room, Gymnasium And Auditorium								
LED	10%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - SI

Asset # : 1414

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$56,200	10	$8,100	
Exit, Service	5%			2039	* *	1		
Exit, Service	45%			2026	$13,000	1		
Exterior Lighting								
HID	100%			2026	$312,600	10	$200	
Alarm								
Security System								
No Component	90%							
Generic	10%			2039	* *	1	$2,500	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$34,600	1-3	$8,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$20,800	
Conversion Equipment								
Steam Boiler	100%	2-4	$11,700	2029	$584,000	1	$59,700	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Boiler Room								
Explanation : Low Water Cut Off Leaking On Blow Down								
Distribution								
Steam Piping/Pump	100%	Now	$26,800	2041	* *			
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	2-4	$25,200	2031	$252,200	1	$7,500	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Issues With Filter Sections That Need Repair								
Convector/Radiator	80%			2036	* *	1	$17,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	2%			2036	* *			
Window/Wall Unit	85%			2030	$215,700	1		
No Component	13%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - SI

Asset # : 1414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2031	$118,900	2	$800	
Roof	60%	Now	$23,400	2031	$78,000	2	$1,000	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Roof								
Explanation : Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	40%			2029	$342,100	1		
Galvanized Steel	10%	Now	$34,200	2051	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : One Of Two Water Main Valves Is Broken								
HW Heat Exchanger								
Steam Fired	100%			2031	$324,000	4	$6,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,700	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : 1st Floor								
Sump Pump(s)								
Non-Submersible	100%			2026	$13,400	4	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$900	
Chemical System								
No Component	98%							
Generic	2%			2026	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 53/ 811 - M**		
Address	: **466 WEST END AVENUE @W. 82 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M841**
Program / Asset #	: **BOE0152.000 / 520**	**Yr Built/Renovated**	: **1895 / 2002**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1230** **Lot** : **1**	**BIN**	: **1032754**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$271,000	$59,600
Interior Architecture	$131,700	
Mechanical	$50,800	$1,564,900
Total	**$453,500**	**$1,624,500**
Importance Code A	$271,000	$59,600
Importance Code B	$182,500	$1,564,900
Total	**$453,500**	**$1,624,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,500	$29,100		$5,200
Interior Architecture	$61,800	$1,800		$16,600
Electrical	$5,100	$5,500	$8,500	$53,800
Mechanical	$165,900	$37,900	$52,600	$71,200
Site Enclosure	$2,300			
Site Pavements	$10,500			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$263,100**	**$79,200**	**$66,000**	**$151,800**
Importance Code A	$21,900	$34,400	$5,300	$10,700
Importance Code B	$235,700	$43,000	$60,700	$141,100
Importance Code C	$5,400	$1,800		
Total	**$263,100**	**$79,200**	**$66,000**	**$151,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	3%			2067	* *	10	$4,900	
Masonry: Brick	25%			LIFE	* *	5	$17,500	
Masonry: Brick	60%			LIFE	* *	5	$42,100	
Recent Construction, Extent : N/A, Area Affected : 60%								
Location : Exterior Facade								
Masonry: Limestone	12%			LIFE	* *	5	$6,300	
Windows								
Aluminum	40%			2048	* *	5	$3,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Wood	60%			2040	* *	5	$58,100	
Parapets								
Masonry: Brick	68%			LIFE	* *	5	$400	
Masonry: Limestone	5%			LIFE	* *	5		
Metal Rail	4%			2037	* *	5-10	$500	
Pre-Cast Concrete	23%			LIFE	* *	5	$1,000	
Roof								
Clay Tile	30%	Now	$12,500	2042	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Throughout Gabled Roofs								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : At One Gable Roof Ridge								
Modified Bitumen	70%	Now	$271,000	2042	* *			
Patching Evident, Extent : Severe, Area Affected : 15%								
Location : Main Roof								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Main Roof								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,800	
Ceramic Tile	5%	2-4	$11,300	2041	* *	5	$2,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Base Cove In Toilet Rooms								
Sheet Vinyl/Rubber	5%	Now	$131,700	2042	* *	5	$3,000	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 2%								
Location : 5th Floor Gymnasium								
Seams Open/Split, Extent : Severe, Area Affected : 2%								
Location : 5th Floor Gymnasium								
Worn/Eroded, Extent : Severe, Area Affected : 30%								
Location : 5th Floor Gymnasium								
Vinyl Tile	85%	0-2	$37,800	2037	* *	3	$25,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : First Floor And Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$3,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,400	
Gypsum Board	60%			LIFE	* *	5	$25,600	
Masonry: Brick	5%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$5,300	
Ceilings								
AcousTileConcealSpLn	30%	4+	$7,800	2037	* *	5	$15,100	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : First Floor								
AcousTileSusp.Lay-In	20%			2037	* *	5	$16,100	
Plaster	10%	Now	$4,900	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Room 422 By Window								
Plaster	40%			LIFE	* *	5	$20,100	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$2,300	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gates To Play Area On West End Avenue								
Free Standing Walls								
Masonry: Brick	100%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Exterior Wall								
Explanation : Covered With Stucco								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	70%	Now	$7,400	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West End Avenue, 82nd Street								
Cast in Place Concrete	30%			2049	* *			
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Partial West End Avenue, 82nd Street								
Explanation : Recent Repairs								
On-Site Walkways								
Cast in Place Concrete	20%	Now	$200	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Ramp Off 82nd Street To Play Area								
Panel/Paver: Bluestone	80%	0-2	$2,900	LIFE	* *	5	$200	
Spalling, Extent : Severe, Area Affected : 30%								
Location : Steps And Platforms								
Activity Yard								
Rubber Matting	100%			2037	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch For Fire Pump And Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$16,600	
Generators								
Diesel	100%			2041	* *	1	$20,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$2,000	
Fuel Storage								
Day Tank	50%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 100 Gallons								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$48,500	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Service	60%			2037	* *	1		
Exit, Service	40%			2037	* *	1		
Exterior Lighting								
HID	10%			2037	* *	10		
LED	10%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	$20,300	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Smoke Detectors, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2052	* *	5	$16,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$9,400	2045	* *	1	$48,100	
Corroded, Extent : Light, Area Affected : 20%								
Location : Various Location. Boiler Plate Corroded								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Oil Pump In The Basement, Supply Drum								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two No.4 Oil Burning Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	50%	0-2	$23,600	2048	* *	4	$1,300	
Broken, Extent : Moderate, Area Affected : 50%								
Location : One Domestic Water Booster Pump Broken								
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Leaking Circulating Pump.								
Central Plant Steam Piping/Pmp	50%	Now	$15,200	2052	* *	4	$1,300	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Condensate Pump								
Terminal Devices								
Air Handler	50%	Now	$50,800	2037	* *	1	$15,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Air Handler Serving Hallway And Classroom Defective Coil								
Convector/Radiator	20%	0-2	$26,500	2037	* *	1	$3,100	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Various Locations. Broken Baseboard Heater								
Fan Coil Unit/Heat	30%			2037	* *	1	$5,200	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal,Compressor Turbine	100%			2041	* *	1	$58,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In The Basement								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$4,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	$1,047,800	1	$33,400	
Heat Rejection								
Water Cooling Tower	100%	Now	$27,300	2030	$272,800	2	$43,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Chemical Feed Pump								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,100	
Exhaust Fans								
Interior	100%			2037	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		

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DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$10,800	4	$1,700	
Backflow Preventer								
Generic	100%			2032	$24,100	1	$3,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$27,200	
Sprinkler								
Generic	100%	Now	$14,900	2052	* *	1-2	$13,100	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Temper Switch And Pipe In The Basement								
Fire Pump								
Generic	100%			2041	* *	1	$10,100	
Chemical System								
Dry	100%			2030	$244,400	1-3	$236,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 54 - BK**		
Address	: **195 SANDFORD STREET BTWN: WILLOUGHBY AVE., DEKALB AV**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K054**
Program / Asset #	: **BOE0382.000 / 1404**	**Yr Built/Renovated**	: **1922 / 2014**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **1765** **Lot** : **15**	**BIN**	: **3049020**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,093,100	$77,300
Interior Architecture	$2,484,400	$125,200
Electrical	$119,800	$616,700
Mechanical	$1,352,200	$2,103,500
Total	**$5,049,500**	**$2,922,600**
Importance Code A	$1,093,100	$77,300
Importance Code B	$3,402,700	$2,775,500
Importance Code C	$553,700	$69,900
Total	**$5,049,500**	**$2,922,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$107,900		$6,300	
Interior Architecture	$65,700		$3,000	$12,800
Electrical	$20,800	$7,500	$7,700	$9,000
Mechanical	$109,000	$17,100	$18,200	$11,600
Site Enclosure	$43,900			
Site Pavements	$30,100			
Total	**$377,500**	**$24,600**	**$35,200**	**$33,400**
Importance Code A	$115,900	$7,900	$14,200	$7,900
Importance Code B	$178,900	$16,700	$21,000	$25,500
Importance Code C	$82,700			
Total	**$377,500**	**$24,600**	**$35,200**	**$33,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$45,500	
Glass Block	3%	Now	$27,700	LIFE	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Masonry: Brick	85%	4+	$318,200	LIFE	* *	5	$77,300	
Spalling, Extent : Light, Area Affected : 5%								
Location : West Facade								
Masonry: Limestone	5%			LIFE	* *	5	$6,800	
Granite Panels	2%			LIFE	* *	5	$2,700	
Windows								
Aluminum	100%	Now	$533,700	2049	* *	5	$14,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	2-4	$42,600	LIFE	* *	5	$6,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Throughout Upper Roof								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Upper Roof								
Masonry: Limestone	5%			LIFE	* *	5-10	$4,600	
Metal: Cage/Fence	5%			2038	* *	5-10	$2,900	
Roof								
Built-Up (BUR)	60%	Now	$6,000	2038	* *			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Penthouse Roof								
Exposed Struc: Steel	15%			LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Roof Play Area								
Metal Panel	8%			2046	* *	10	$6,300	
Play Surface	15%			2033	$49,000	10	$6,400	
Skylight, Metal/Glass	2%	Now	$241,200	2063	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Above Bulkhead Stair								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Bulkhead Stair								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,400	
Ceramic Tile	5%			2036	* *	5	$6,000	
Terrazzo	5%	2-4	$56,300	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	80%	2-4	$266,200	2038	* *	3	$36,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms, Corridors, Cafeteria And Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Classrooms, Corridors, Cafeteria And Throughout								
Vinyl Tile 9" X 9"	5%	Now	$1,063,100	2043	* *	3	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Stairs And Penthouse								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Stairs And Penthouse								
Interior Walls								
Ceramic Tile	3%	Now	$46,900	2036	* *	5	$4,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	10%	Now	$270,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *	10	$5,700	
Plaster	82%	Now	$283,300	LIFE	* *	5	$69,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair And Below								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Classrooms On 5th Floor And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair And Below								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	0-2	$57,000	2046	* *	5	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Concrete	20%	0-2	$353,600	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Below School Yard								
Repairs in Progress, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room Below School Yard								
Plaster	75%	Now	$134,600	LIFE	* *	5	$55,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor, Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Iron Picket	15%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$43,900	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$24,500	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	0-2	$5,700	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Dumpsters								
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Emergency Lighting Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	40%			2053	* *	1		
Conduit	60%			2033	$86,800	1		
Panelboards								
Fused Disc Sw	3%			2049	* *	5	$100	
Fused Disc Sw	7%			2032	$12,600	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$1,900	
Wiring								
Braided Cloth	60%	0-2	$119,800	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$300	
Locally Mounted	30%			2031	$35,800	5	$200	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$69,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
LED	4%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Multipurpose Room								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%			2028	$67,100	10	$9,700	
Exit, Service	50%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$150,200	1	$29,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallway, Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$206,400	1-3	$50,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$79,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$64,100	2043	* *			
Insul. Deteriorating, Extent : Light, Area Affected : 30%								
Location : Basement Mechanical Room								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Multiple Leaks In Basement Boiler Mechanical Room Including Vacuum Pump, Valves And Corroded Piping								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2033	$602,200	1	$19,800	
Convector/Radiator	59%			2031	$386,000	1	$15,200	
Fan Coil Unit/Heat	1%			2033	$19,800	1	$300	

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Controls								
Electrical	20%			2028	$88,900			
Pneumatic	80%	Now	$61,800	2027	$1,236,900			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	20%			2028	$60,600	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,600	
Exhaust Fans								
Interior	10%			2038	* *	2	$200	
Interior	90%	Now	$6,400	2028	$319,300	2	$1,800	
Damaged, Extent : Severe, Area Affected : 5%								
Location : House Blower 2 Flexible Connection Has Large Hole								
Not in Service, Extent : Light, Area Affected : 10%								
Location : Kitchen Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$204,300	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement								
Explanation : 2 Water Mains								
Water Heater With Tanks								
Gas Fired	100%			2026	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Approx. 250 Gallons, No Label On Tank. Quantity 3								
HW Heat Exchanger								
Steam Fired	100%			2033	$386,800	4	$11,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$3,200	2028	$16,000	4	$1,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement Duplex Pumps Are Awaiting Repair								
Sewage Ejector(s)								
Electric	100%			2033	$41,900	4	$4,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$55,300	1-2	$1,100	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 54 - Q**		
Address	: **86-02 127 STREET @ HILLSIDE AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q054**
Program / Asset #	: **BOE0711.000 / 2274**	**Yr Built/Renovated**	: **1923 / 2013**
Area Sq Ft	: **48,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **9280** **Lot** : **1**	**BIN**	: **4193916**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$88,100	$189,100
Interior Architecture	$19,622,300	$64,500
Electrical	$58,000	$334,200
Mechanical	$462,600	$992,900
Total	**$20,231,000**	**$1,580,800**
Importance Code A	$88,100	$189,100
Importance Code B	$20,032,200	$1,391,600
Importance Code C	$110,800	
Total	**$20,231,000**	**$1,580,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$91,100			$12,400
Interior Architecture	$119,200	$4,000		$13,500
Electrical	$1,600	$1,500	$1,800	$123,300
Mechanical	$44,900	$9,400	$14,200	$49,600
Site Enclosure	$4,400			
Site Pavements	$32,700			
Total	**$294,000**	**$15,000**	**$16,100**	**$198,800**
Importance Code A	$99,100	$4,800	$4,800	$17,300
Importance Code B	$148,100	$10,200	$11,300	$181,600
Importance Code C	$46,800			
Total	**$294,000**	**$15,000**	**$16,100**	**$198,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$48,300	
Masonry: Brick	72%			LIFE	* *	5	$88,900	
Masonry: Granite	5%			LIFE	* *	5	$4,600	
Metal Panel	5%			2052	* *	5-10	$42,500	
Pre-Cast Concrete	8%			LIFE	* *	5	$32,100	
Stucco Cement	5%	Now	$7,000	2045	* *	5	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Windows								
Aluminum	99%	Now	$88,100	2048	* *	5	$18,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : South Facade								
Metal Louvers	1%			2041	* *	10	$2,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$13,300	
Masonry: Brick	23%	4+	$24,900	LIFE	* *	5	$3,900	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Interior And Exterior Parapet								
Masonry: Brick	67%			LIFE	* *	5	$11,500	
Roof								
Built-Up (BUR)	50%	Now	$9,900	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into Room 304								
IRMA/Protected Membrane	5%			2032	$100,200	10	$4,200	
Metal Panel	40%	Now	$49,300	2045	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : New Wing Rooms 107, 112, 114, Corridors And Boiler Room								
Skylight, Metal/Glass	5%			2052	* *	10	$14,100	
Soffits								
Stucco Cement	100%			2037	* *	5	$1,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,600	
Mosaic Tile	5%	Now	$37,800	2045	* *	5	$10,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Bathrooms And Kitchen								
Marble Panels	1%			LIFE	* *	5	$1,200	
Terrazzo	2%	Now	$6,000	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	20%			2037	* *	3	$12,100	
Vinyl Tile 9" X 9"	67%	Now	$381,300	2027	$19,067,400	3	$40,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : 1923 Wing, 2nd Floor								

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$37,300	2041	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Slop Sink Room, 2nd Floor Teacher Bathroom, Kitchen								
Concrete Masonry Unit	24%			LIFE	* *	5	$13,000	
Folding Partition	1%	Now	$56,300	2040	* *	5	$1,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Marble Panels	1%	2-4	$4,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Plaster	33%	Now	$54,400	LIFE	* *	5	$13,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Room 204r And 3rd Floor Teacher Bathroom								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Windows								
SGFT/Glazed Masonry	24%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	17%	Now	$9,100	2045	* *	5	$13,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor, 1990 Wing								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Exposed Struc: Concrete	5%	Now	$24,200	LIFE	* *	5	$1,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Bilco Door								
Exposed Struc: Steel	3%			LIFE	* *			
Gypsum Board	1%			LIFE	* *	5	$2,000	
Metal Panel	10%			LIFE	* *	5	$20,200	
Plaster	64%	Now	$62,800	LIFE	* *	5	$64,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 304								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2052	* *			
Iron Picket	75%	Now	$4,400	2067	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gate On 126th Street								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 126th Street								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,900	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 126th And 127th Street								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : 127th Street								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$200	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%			2045	* *			
Activity Yard								
Asphalt	75%			2045	* *			
Rubber Matting	25%	Now	$19,500	2037	* *			
Tripping Hazard, Extent : Severe, Area Affected : 100%								
Location : Playground By Hillside Avenue								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes Serving The New Wing Of The Building								
Fused Disc Sw	60%			2032	$15,200	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1200 Amperes Serving The Old Wing Of The Building								
Switchgear / Switchboard								
Fused Disc Sw	75%			2032	$121,900	5	$200	
Fused Disc Sw	25%			2052	* *	5	$100	
Raceway								
Conduit	25%			2052	* *	1		
Conduit	75%			2032	$60,700	1		
Panelboards								
Fused Disc Sw	3%			2048	* *	5		
Fused Disc Sw	7%			2031	$9,800	5	$100	
Molded Case Bkrs	20%			2048	* *	5	$300	
Molded Case Bkrs	70%			2031	$97,800	5	$900	

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	55%	2-4	$58,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing Of The Building								
Thermoplastic	25%			2052	* *	1		
Thermoplastic	20%			2032	$21,100	1		
Motor Controllers								
Locally Mounted	75%			2030	$53,700	5	$200	
Locally Mounted	25%			2045	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	3%			2037	* *	10	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Hallways								
Explanation : T-9 Lamps								
Fluorescent	20%			2037	* *	10	$8,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	65%			2040	* *	10	$28,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Wing Of The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Hallways								
Explanation : Compact Fluorescent Lights								
LED	10%			2040	* *			
Egress Lighting								
Emergency, Battery	10%			2037	* *	10	$1,200	
Emergency, Battery	40%			2027	$32,200	10	$4,600	
Exit, Service	10%			2037	* *	1		
Exit, Service	40%			2027	$8,300	1		
Exterior Lighting								
HID	20%			2032	$44,800	10		
LED	10%			2037	* *			
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$27,000	1	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$37,100	1-3	$9,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Section Boiler Room								
Explanation : Gas Only Boiler For New Section								
Interruptible Gas/Dual Fuel	80%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Section Basement								
Explanation : For 2 Boilers In Old Section								
Conversion Equipment								
Steam Boiler	80%			2045	* *	1	$38,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Section Boiler Room								
Explanation : 2 Units								
Steam Boiler	20%	Now	$4,200	2045	* *	1	$8,600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Smaller Boiler Room For New Section								
Explanation : 2 Units. No Equalizing Line, No Room For Safety Valve And No Blowdown Pipe								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	80%	Now	$15,400	2032	$307,500			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Defective Vacuum Pump, Old Section Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Thermostats, Various Locations In Old Section.								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout Older Section								
Steam Piping/Pump	20%	Now	$1,500	2052	* *			
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Air Compressor, New Section Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Terminal Devices								
Air Handler	30%			2027	$271,000	1	$8,900	
Convector/Radiator	50%			2030	$196,300	1	$7,800	
Fan Coil Unit/Heat	20%	Now	$4,800	2032	$238,000	1	$2,800	
Noisy/Vibrating, Extent : Severe, Area Affected : 5%								
Location : Room 107 In New Section								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2032	$141,600	1	$4,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Sets, Newer Section Boiler Room								
Window/Wall Unit	10%			2027	$18,200	1		
No Component	70%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2042	* *	4	$500	
No Component	80%							
Terminal Devices								
Fan Coil - 4 Pipe	20%			2032	$109,500	1	$3,100	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2027	$8,300	2	$6,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$21,400	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$5,400	
Exhaust Fans								
Interior	90%			2027	$191,600	2	$1,300	
Roof	10%			2032	$9,300	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	15%	Now	$1,800	2042	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Cross Bay Of Old Section								
Explanation : Section Of Hot Water Pipe Is Cut Off Due To Heavy Corrosion And Leaking.								
Brass/Copper	85%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	20%			2031	$3,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Section Boiler Room								
Explanation : One Unit								
Gas Fired	80%			2027	$13,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Older Section								
Explanation : One Unit. One Abandoned Unit Remains In Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$4,700	
Sanitary Piping								
Cast Iron	40%	0-2	$4,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : New Section Entrance								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Staircase A And Storage Closet In Multipurpose Area, Old Section								
Cast Iron	60%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$3,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Old Section Boiler Room And Room 304.								
Sump Pump(s)								
Non-Submersible	100%			2032	$9,600	4	$1,500	
Backflow Preventer								
Generic	100%	0-2	$2,100	2032	$21,400	1	$2,600	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Meter Room And Cross Bay Of Old Section.								
Explanation : Leaking								
Fixtures								
Generic	100%							
Leaking Connections, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor Girls Bathroom 2nd Floor Bathroom Of Room 202.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$33,200	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 55 - Q**		
Address	: **131-10 97 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q055**
Program / Asset #	: **BOE0712.000 / 2275**	**Yr Built/Renovated**	: **1939 / 2012**
Area Sq Ft	: **47,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9477** **Lot** : **1**	**BIN**	: **4200233**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$214,500	$83,600
Interior Architecture	$323,400	$7,348,800
Electrical	$63,300	$650,400
Mechanical		$1,639,800
Site Pavements	$50,800	
Total	**$652,000**	**$9,722,600**
Importance Code A	$214,500	$83,600
Importance Code B	$437,500	$9,639,000
Total	**$652,000**	**$9,722,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,400			
Interior Architecture	$70,300		$300	$8,100
Electrical	$11,700	$4,400	$4,500	$5,900
Mechanical	$44,300	$2,100	$6,000	$2,600
Site Enclosure	$45,900			
Total	**$190,600**	**$6,500**	**$10,800**	**$16,600**
Importance Code A	$18,400			
Importance Code B	$91,000	$6,500	$10,800	$15,500
Importance Code C	$81,200			$1,100
Total	**$190,600**	**$6,500**	**$10,800**	**$16,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q

Asset # : 2275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$167,100	
Masonry: Granite	5%			LIFE	* *	5	$7,000	
Masonry: Limestone	5%			LIFE	* *	5	$7,000	
Windows								
Aluminum	100%			2049	* *	5	$22,800	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$69,200	
Masonry: Brick	85%			LIFE	* *	5-10	$94,500	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$46,200	
Copper/Terne	5%			2061	* *	10	$6,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,000	
Ceramic Tile	5%			2042	* *	5	$3,700	
Quarry Tile	3%	Now	$161,200	2053	* *	5	$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Kitchen								
Vinyl Tile	3%			2038	* *	3	$800	
Vinyl Tile 9" X 9"	57%			2028	$7,348,800	3	$20,800	
Wood	22%	Now	$95,900	2048	* *	5	$15,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout 2nd Floor								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Rooms 221, 223 And 232								
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$2,200	
Masonry: Brick	15%			LIFE	* *	10	$3,300	
Plaster	62%			LIFE	* *	5-10	$38,300	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$7,300	
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$13,700	
Metal Panel	2%			LIFE	* *	5	$3,700	
Plaster	83%			LIFE	* *	5-10	$104,200	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%	2-4	$45,900	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q

Asset # : 2275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$50,800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	50%			2042	* *			
Pavers/Stone	5%			2042	* *			
Rubber Matting	15%			2038	* *			
No Component	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : Synthetic Turf Field								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$162,600	5	$200	
Raceway								
Conduit	100%			2033	$81,000	1		
Panelboards								
Fused Disc Sw	10%			2032	$14,000	5	$100	
Molded Case Bkrs	90%			2032	$125,700	5	$1,100	
Wiring								
Braided Cloth	60%	2-4	$63,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2033	$42,200	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q

Asset # : 2275

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$40,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2038	* *	10	$400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Staircase								
Incandescent	1%			2028	$13,000	2		
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$39,400	10	$5,700	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$43,900	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$88,200	1	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$121,200	1-3	$29,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns, Fire Alarm Panel And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$107,800	5	$14,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boiler Room Is Under Construction								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Outside The Building								
Explanation : 1 Temporary Steam Boiler Is Being Used								
Distribution								
Steam Piping/Pump	100%			2033	$376,400			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q

Asset # : 2275

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2028	$132,700	1	$4,400	
Convector/Radiator	55%			2031	$211,400	1	$8,400	
Fan Coil Unit/Heat	30%			2028	$349,600	1	$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	0-2	$26,700	2033	$26,700	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	60%			2028	$106,800	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,500	
Exhaust Fans								
Interior	100%			2028	$208,500	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$120,000	1		
Water Heater With Tanks								
Electric	100%			2032	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Temporary 120 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2043	* *	4	$1,000	
Backflow Preventer								
Generic	100%			2043	* *	1	$2,900	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Bathrooms								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$19,500	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 55 - Q ANNEX**
Address : **131-10 97 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0712.010 / 4143**
Area Sq Ft : **15,664**
Date of Survey : **04-Mar-2022**
Areas Surveyed : **Roof, Floors 1**
Block : **9477** **Lot** : **1**

Agency's Number : **Q865**
Yr Built/Renovated : **1993 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4200233**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$103,900	
Electrical		$4,700
Mechanical		$826,400
Total	**$103,900**	**$831,100**
Importance Code A	$103,900	
Importance Code B		$831,100
Total	**$103,900**	**$831,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,600	$1,800		
Interior Architecture	$81,600		$11,700	$800
Electrical	$2,000	$1,500	$1,700	$1,800
Mechanical	$19,700	$4,600	$7,600	$4,700
Total	**$159,900**	**$7,900**	**$21,000**	**$7,200**
Importance Code A	$58,200	$3,400	$1,600	$1,600
Importance Code B	$48,100	$4,500	$19,500	$5,700
Importance Code C	$53,500			
Total	**$159,900**	**$7,900**	**$21,000**	**$7,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q ANNEX

Asset # : 4143

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$33,800	
Masonry: Brick	92%			LIFE	* *	5	$79,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Annex								
Explanation : The Annex Is Connected To The Main Building								
Metal Panel	3%			2053	* *	5-10	$8,900	
Windows								
Aluminum	100%			2055	* *	5	$3,600	
Roof								
IRMA/Protected Membrane	10%			2038	* *	10	$6,700	
Metal Panel	85%			2046	* *	10	$103,900	
Skylight, Plastic	5%			2046	* *	1		
Interior								
Floors								
Ceramic Tile	5%			2042	* *	5	$1,300	
Quarry Tile	5%			2046	* *	5	$2,000	
Vinyl Tile	5%	0-2	$11,000	2038	* *	3	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	85%			2038	* *	3	$8,400	
Interior Walls								
Concrete Masonry Unit	2%	Now	$27,400	LIFE	* *	5	$500	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Multipurpose Room								
Concrete Masonry Unit	73%			LIFE	* *	5	$34,100	
Gypsum Board	5%			LIFE	* *	5-10	$5,000	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$5,800	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$2,200	2046	* *	5	$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Multipurpose Room								
AcousTileSusp.Lay-In	60%			2046	* *	5	$15,900	
Exposed Struc: Steel	25%			LIFE	* *	10	$13,200	
Metal Panel	5%			LIFE	* *	5	$3,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
On-Site Walkways								
Asphalt	60%			2042	* *			
Cast in Place Concrete	40%			2046	* *			
Activity Yard								
Asphalt	40%			2042	* *			
Rubber Matting	60%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q ANNEX

Asset # : 4143

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$100	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5		
Molded Case Bkrs	95%			2041	* *	5	$400	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$14,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	$4,700	10	$300	
T-9 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	50%			2033	$13,100	10	$1,900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2033	$14,600	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$29,400	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$40,400	1-3	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q ANNEX

Asset # : 4143

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$15,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 2 Units, 2 Heat Exchangers								
Distribution								
Hot Wtr Piping/Pump	80%			2041	* *	4	$900	
Steam Piping/Pump	20%			2043	* *			
Terminal Devices								
Air Handler	80%	0-2	$4,700	2033	$235,800	1	$7,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Cateteria								
Explanation : 1 Mechanical Defective Unit								
Convector/Radiator	20%			2038	* *	1	$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2033	$231,100	1	$7,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Mechanical Room								
Distribution								
CW & CHW Wtr Pipe/Pump	5%	0-2	$500	2043	* *	4		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Circulating Pump, Mechanical Room								
CW & CHW Wtr Pipe/Pump	95%			2043	* *	4	$700	
Terminal Devices								
Air Handler/Cool/Ht	100%			2033	$303,900	1	$9,700	
Heat Rejection								
Air Cooled Condenser Unit	100%			2028	$45,300	2	$10,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$13,800	
Exhaust Fans								
Interior	80%			2033	$55,600	2	$400	
Roof	20%	0-2	$300	2033	$6,100	2	$100	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Exhaust, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q ANNEX

Asset # : 4143

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%	0-2	$3,400	2032	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 80 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2033	$7,000	1	$1,000	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 55 - SI**		
Address	: **54 OSBORNE STREET @WOODS OF ARDEN ROAD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R055**
Program / Asset #	: **BOE0940.000 / 1416**	**Yr Built/Renovated**	: **1974 / 2016**
Area Sq Ft	: **74,253**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5336** **Lot** : **1**	**BIN**	: **5069075**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$951,800	$2,086,300
Interior Architecture	$128,300	$10,201,300
Electrical	$169,700	$652,000
Mechanical	$2,464,200	$471,800
Site Pavements	$113,300	
Total	**$3,827,100**	**$13,411,300**
Importance Code A	$1,599,000	$2,086,300
Importance Code B	$2,228,200	$11,325,000
Total	**$3,827,100**	**$13,411,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$150,700			
Interior Architecture	$168,600		$2,800	$8,300
Electrical	$17,500	$6,900	$8,600	$7,800
Mechanical	$108,700	$10,700	$13,200	$13,600
Site Pavements	$50,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$500,000**	**$21,600**	**$28,500**	**$33,600**
Importance Code A	$150,700	$7,400	$7,400	$7,400
Importance Code B	$241,100	$14,200	$21,100	$26,200
Importance Code C	$108,200			
Total	**$500,000**	**$21,600**	**$28,500**	**$33,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$62,500	
Masonry: Brick	85%	2-4	$875,400	LIFE	* *	5	$35,400	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$76,400	2041	* *	5	$8,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$36,700	
Masonry: Brick	40%			LIFE	* *	5-10	$23,600	
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : Northeast Section								
Metal Panel	20%			2043	* *	5	$6,700	
Metal Rail	25%			2038	* *	5-10	$38,900	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Above Entry Canopy								
Roof								
Copper/Terne	5%			2048	* *	10	$11,600	
IRMA/Protected Membrane	95%	4+	$41,700	2033	$2,086,300			
Insul Miss/Displaced, Extent : Light, Area Affected : 5%								
Location : Various Locations On Main Roof								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$61,800	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$72,900	
Ceramic Tile	5%			2036	* *	5	$5,600	
Panel/Paver: Cer/Brk	5%	Now	$52,900	2041	* *	5	$6,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Entry Lobby								
Loose/Delam Surface, Extent : Light, Area Affected : 10%								
Location : Entry Lobby								
Quarry Tile	5%			2038	* *	5	$8,300	
Vinyl Tile	10%	Now	$6,100	2033	$307,000	3	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile 9" X 9"	50%			2033	$9,807,600	3	$27,800	
Wood	10%			2048	* *	5	$20,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	15%	Now	$21,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room And Tank Room								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,500	
Masonry: Brick	7%			LIFE	* *	10	$2,000	
Metal Panel	3%			LIFE	* *	10	$1,300	
Plaster	40%			LIFE	* *	5-10	$32,000	
SGFT/Glazed Masonry	25%	4+	$42,400	LIFE	* *			
Loose/Delam Surface, Extent : Light, Area Affected : 2%								
Location : Stair A								
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$16,700	
Exposed Struc: Concrete	62%			LIFE	* *	5-10	$86,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$11,100	
Fiber Board	5%			2033	$86,700			
Metal Panel	3%			LIFE	* *	5	$8,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : New Component Identified								
Plaster	10%			LIFE	* *	5-10	$19,100	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2043	* *			
Iron Picket	95%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$34,000	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$16,600	2038	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Northeast Corner Plaza By Stairs								
Activity Yard								
Cast in Place Concrete	100%	0-2	$113,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2033	$31,700	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2033	$13,600	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	75%			2032	$134,700	5	$1,500	
Molded Case Bkrs	15%			2049	* *	5	$300	
Wiring								
Braided Cloth	85%	0-2	$169,700	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 90%								
Location : Throughout								
Thermoplastic	15%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement At Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$65,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Building.								
Incandescent	2%			2028	$41,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : In Auditorium And Mechanical Spaces.								
Explanation : Incandescent								
LED	2%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Service	50%			2028	$22,900	1		
Exit, Service	50%			2028	$16,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	10%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$27,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Motion Sensors And Intrusion Alarms								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$45,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$172,700	5	$23,000	
Conversion Equipment								
Steam Boiler	100%	0-2	$647,200	2053	* *	1	$66,200	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	2-4	$237,800	2053	* *			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$24,000	
Controls								
Pneumatic	100%			2027	$1,435,100			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$88,200			
Window/Wall Unit	75%			2028	$211,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$32,800	
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	0-2	$144,100	2043	* *	2	$1,800	
Dented, Extent : Moderate, Area Affected : 60%								
Location : Roof								
Loose, Extent : Light, Area Affected : 50%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$47,400	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Shut Off Valve In Basement								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$7,300	
Sanitary Piping								
Cast Iron	100%	Now	$46,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room Floor Drains When It Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$14,900	4	$2,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 56 - BK**		
Address	: **170 GATES AVENUE BTWN: IRVING PL. - DOWNING ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K056**
Program / Asset #	: **BOE0384.000 / 1406**	**Yr Built/Renovated**	: **1966 / 2010**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1983** **Lot** : **10**	**BIN**	: **3056874**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$566,000	$50,300
Interior Architecture	$188,100	
Electrical	$204,200	$1,110,000
Mechanical		$1,683,300
Total	**$958,300**	**$2,843,600**
Importance Code A	$566,000	$50,300
Importance Code B	$269,400	$2,793,300
Importance Code C	$122,900	
Total	**$958,300**	**$2,843,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,600			
Interior Architecture	$173,500	$9,300		$2,000
Electrical	$20,000	$7,900	$8,100	$10,200
Mechanical	$104,200	$13,200	$18,800	$13,200
Site Enclosure	$7,400			
Site Pavements	$21,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$356,100**	**$34,400**	**$30,900**	**$29,400**
Importance Code A	$33,100	$7,500	$7,500	$7,500
Importance Code B	$252,000	$26,900	$23,400	$21,900
Importance Code C	$70,900			
Total	**$356,100**	**$34,400**	**$30,900**	**$29,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$100,600	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Aluminum	90%	Now	$515,700	2049	* *	5	$10,800	1
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Fiberglass Panel	10%	Now	$13,100	2049	* *	5	$4,500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Explanation : Operable Hopper Misaligned								
Parapets								
Under Construction	100%							
Roof								
Copper/Terne	2%			2061	* *	10	$4,600	
Under Construction	98%							
Soffits								
Cast in Place Concrete	95%	4+	$12,100	LIFE	* *	5	$20,500	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Exterior On Irving Place								
Metal Panel	5%			2059	* *	5-10	$1,500	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$88,800	
Ceramic Tile	3%			2042	* *	5	$4,100	
Panel/Paver: Bluestone	13%			LIFE	* *	5	$26,400	
Terrazzo	2%			LIFE	* *	5	$4,200	
Traffic Topping	2%			2038	* *	5	$3,400	
Vinyl Tile	55%			2043	* *	3	$27,900	
Recent Replace Evident, Extent : N/A, Area Affected : 3%								
Location : Throughout								
Wood	10%	Now	$16,100	2061	* *	5	$12,700	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : New Auditorium Stage								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : New Auditorium Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$17,000	2042	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	20%			LIFE	* *	5	$33,000	
Folding Partition	1%			2049	* *	5	$5,200	
Marble Panels	2%			LIFE	* *	10	$1,700	
Plaster	49%	Now	$122,900	LIFE	* *	5	$30,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$25,800	
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$41,400	
AcousTileSusp.Lay-In	9%	4+	$4,000	2046	* *	5	$6,000	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium Wing								
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$74,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$13,200	
Fiber Board	5%	Now	$2,100	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Gypsum Board	1%	Now	$500	LIFE	* *	5	$1,700	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium Wing								
Plaster	10%			LIFE	* *	5-10	$22,800	
Site Enclosure								
Fence/Gates								
Iron Picket	50%	4+	$7,400	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : All								
Impact Damage, Extent : Light, Area Affected : 2%								
Location : Irving Place								
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Recess Yard								
Explanation : Construction Staging								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$21,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Rubber Matting	5%			2041	* *			
Under Construction	95%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Asphalt Recess Yard								
Explanation : Construction Staging								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	$159,300	5	$300	
Fused Disc Sw	30%			2059	* *	5	$100	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2055	* *	5	$200	
Fused Disc Sw	5%			2032	$12,000	5	$100	
Molded Case Bkrs	15%			2049	* *	5	$300	
Molded Case Bkrs	70%			2032	$167,600	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2059	* *	1		
Thermoplastic	20%			2033	$58,300	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$500	
Locally Mounted	20%			2046	* *	5	$100	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	Now	$10,400	LIFE	* *	5	$1,200	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$73,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
Under Construction	100%							
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							
Alarm								
Security System								
Generic	100%			2028	$157,700	1	$31,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exit Doors, Hallways And Offices								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$216,700	1-3	$53,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Horns,								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Shell & Tube	10%	0-2	$7,200	2029	$35,800			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : 1 Unit. Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Steam Boiler	90%			2046	* *	1	$74,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	10%	Now	$900	2032	$18,400	4	$400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Pump In The Boiler Room								
Steam Piping/Pump	90%			2043	* *			
Terminal Devices								
Air Handler	20%			2033	$316,100	1	$10,400	
Convector/Radiator	70%			2031	$480,800	1	$19,000	
Fan Coil Unit/Heat	10%			2033	$208,300	1	$2,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2033	$123,900	1	$3,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit For Auditorium								
Window/Wall Unit	30%			2031	$95,500	1		
Window/Wall Unit	30%	2-4	$47,700	2033	$95,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	10%	0-2	$9,000	2033	$179,400	1	$2,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Ceiling Of Auditorium								
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2033	$17,000	2	$5,900	
No Component	90%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	2%	0-2	$1,500	LIFE	* *	2-5	$900	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : The Damper For Auditorium Air Handler								
Ductwork/Diffusers	98%			LIFE	* *	2-5	$72,700	
Exhaust Fans								
Interior	20%			2033	$74,500	2	$500	
Roof	80%			2043	* *	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tankless Unit With One 200 Gallon Tank.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Explanation : Broken								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$58,100	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 56 - Q (OL R HILL AX)**		
Address	: **86TH AVENUE AND 114TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q056**
Program / Asset #	: **BOE0713.000 / 2276**	**Yr Built/Renovated**	: **1896 / 2000**
Area Sq Ft	: **38,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9226** **Lot** : **57**	**BIN**	: **4192689**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$434,700	$65,000
Interior Architecture	$68,500	
Electrical	$54,000	$247,300
Mechanical	$143,000	$318,000
Total	**$700,300**	**$630,300**
Importance Code A	$434,700	$65,000
Importance Code B	$265,600	$565,300
Total	**$700,300**	**$630,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$44,700
Interior Architecture	$133,100	$7,300		$2,700
Electrical	$29,900	$1,200	$1,500	$62,300
Mechanical	$52,500	$5,600	$8,700	$55,500
Site Enclosure	$23,500			
Site Pavements	$15,100			
Total	**$254,100**	**$14,100**	**$10,200**	**$165,200**
Importance Code A	$4,400	$3,800	$3,800	$48,600
Importance Code B	$170,100	$10,400	$6,500	$116,700
Importance Code C	$79,600			
Total	**$254,100**	**$14,100**	**$10,200**	**$165,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 56 - Q (OL R HILL AX)

Asset # : 2276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$65,000	
Masonry: Granite	5%			LIFE	* *	5	$3,500	
Masonry: Limestone	25%			LIFE	* *	5	$17,400	
Windows								
Aluminum	100%	Now	$434,700	2040	* *	5	$11,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Room 306								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$15,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,100	
Roof								
Built-Up (BUR)	92%			2037	* *	10	$44,700	
Copper/Terne	5%			2060	* *	10	$6,100	
Skylight, Metal/Glass	3%			2052	* *	10	$4,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$16,000	
Mosaic Tile	5%	Now	$68,500	2037	* *	5	$4,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Bathrooms Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms Throughout								
Quarry Tile	5%			2037	* *	5	$5,500	
Vinyl Tile	80%			2037	* *	3	$21,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 56 - Q (OL R HILL AX)

Asset # : 2276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$10,000	2041	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms, Kitchen And Stairwell								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	1%			LIFE	* *	5	$300	
Masonry: Brick	9%	Now	$24,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement Stairwell								
Metal: Cage/Fence	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairs								
Explanation : Metal Cage In Stairwell								
Plaster	70%	Now	$24,800	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Staff Lounge								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Stairs								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	10%	Now	$21,900	LIFE	* *	5	$1,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Bilco Door								
Metal Panel	15%	Now	$18,100	LIFE	* *	5	$13,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Basement								
Explanation : Barrel Vault Ceiling								
Plaster	75%	Now	$33,300	LIFE	* *	5	$34,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairs								
Site Enclosure								
Fence/Gates								
Chain Link	55%	Now	$10,300	2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Trash Holding								
Iron Picket	45%	2-4	$9,100	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
P. S. 56 - Q (OL R HILL AX)
Asset # : 2276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$4,100	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : South								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Pavers/Stone	8%	Now	$500	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Pavers/Stone	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Facade								
Explanation : Step Covered With Quarry Tile								
Activity Yard								
Asphalt	100%	Now	$14,600	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$22,600	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2032	$65,000	5	$100	
Fused Disc Sw	50%			2058	* *	5	$100	
Raceway								
Conduit	90%			2032	$55,100	1		
Conduit	10%			2058	* *	1		
Panelboards								
Fused Disc Sw	20%			2031	$20,000	5	$200	
Molded Case Bkrs	70%			2031	$69,900	5	$700	
Molded Case Bkrs	10%			2054	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040
P. S. 56 - Q (OL R HILL AX)
Asset # : 2276

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	0-2	$54,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$15,400	1		
Thermoplastic	10%			2058	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$57,300	5	$200	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	2%			2037	* *	10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lights								
Fluorescent	98%			2037	* *	10	$34,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$4,600	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	30%			2037	* *	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$21,400	1	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$29,400	2042	* *	1-3	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. On Extended Life. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 56 - Q (OL R HILL AX)

Asset # : 2276

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 7500 Gallons								
Conversion Equipment								
Steam Boiler	5%	0-2	$800	2045	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Explanation : Defective Chemical Feed Tank.								
Steam Boiler	95%			2045	* *	1	$35,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%	Now	$24,300	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Control Valves And Vacuum Pump In The Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Steam Piping/Pump	80%			2032	$243,400			
Terminal Devices								
Air Handler	20%			2027	$143,000	1	$4,700	
Convector/Radiator	75%			2037	* *	1	$9,200	
Convector/Radiator	5%	0-2	$300	2030	$15,500	1	$500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Flor Hallway And 3rd Floor Staircase.								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$4,300	2027	$14,400	1		
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$20,100	
Ductwork/Diffusers	5%	0-2	$1,700	LIFE	* *	2-5	$1,100	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Actuaters, Boiler Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 56 - Q (OL R HILL AX)

Asset # : 2276

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2027	$33,700	2	$200	
Roof	80%	0-2	$5,900	2032	$59,000	2	$700	
Noisy/Vibrating, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$7,600	2042	* *	4	$800	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Sewage Ejector(s)								
Electric	100%	Now	$2,000	2032	$19,900	4	$1,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
Generic	100%			2037	* *	1	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$15,800	1-2	$300	
Chemical System								
No Component	98%							
Generic	2%	Now	$300	2027	$1,600	1-3	$1,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul System Not Working, Expired								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 56 - SI THE LOUIS DESARIO SCHOOL**				
Address	: **250 KRAMER AVENUE @ WINANT AVE.**				
Borough	: **STATEN ISLAND**		**Agency's Number**	: **R056**	
Program / Asset #	: **BOE0959.000 / 4466**		**Yr Built/Renovated**	: **1998 /**	
Area Sq Ft	: **95,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **31-Jul-2019**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2,3,4**				
Block	: **7044**	**Lot** : **1**	**BIN**	: **5128148**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$65,600	$109,300
Interior Architecture	$60,900	$91,900
Electrical		$1,986,800
Mechanical		$392,400
Site Enclosure	$58,000	
Total	**$184,500**	**$2,580,300**
Importance Code A	$65,600	$109,300
Importance Code B	$60,900	$2,471,000
Importance Code C	$58,000	
Total	**$184,500**	**$2,580,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$18,500	$10,900	
Interior Architecture	$40,700		$3,700	$13,800
Electrical	$22,800	$12,800	$9,300	$9,800
Mechanical	$43,400	$44,200	$55,100	$32,700
Site Pavements	$19,600			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$134,400**	**$83,400**	**$86,800**	**$64,200**
Importance Code A	$9,400	$28,100	$20,300	$9,400
Importance Code B	$117,600	$55,300	$66,500	$54,800
Importance Code C	$7,400			
Total	**$134,400**	**$83,400**	**$86,800**	**$64,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - SI THE LOUIS DESARIO SCHOOL
Asset # : 4466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$109,300	
Metal, Corrugated	15%			2050	* *	1		
Window Wall	5%			2050	* *	5	$25,600	
Windows								
Aluminum	97%			2046	* *	5	$21,800	
Metal Louvers	3%			2039	* *	10	$4,200	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$13,700	
Metal Panel	15%			2050	* *	5	$11,400	
Metal: Cage/Fence	15%			2043	* *	5-10	$22,800	
Roof								
IRMA/Protected Membrane	80%			2035	* *	10	$65,600	
Metal Panel	20%			2043	* *	10	$30,100	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Carpet	5%			2029	$130,100	3	$11,000	
Cast in Place Concrete	10%	0-2	$25,000	LIFE	* *	5	$32,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	0-2	$8,300	2039	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	75%	0-2	$60,900	2035	* *	3	$41,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2058	* *	5	$13,800	
Interior Walls								
Ceramic Tile	5%	4+	$7,400	2039	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	20%			LIFE	* *	5	$10,700	
Glass: Special Gauge	2%			LIFE	* *	1		
Marble Panels	25%			LIFE	* *			
Plywood/Hardboard	3%			LIFE	* *			
SGFT/Glazed Masonry	45%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	45%			2043	* *	5	$66,200	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	50%			LIFE	* *	5	$91,900	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - SI THE LOUIS DESARIO SCHOOL
Asset # : 4466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	4+	$58,000	2050	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Brick Piers								
Retaining Walls								
Cast in Place Concrete	60%			2065	* *			
Masonry: Brick	40%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	95%	0-2	$19,600	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Services With Different Ratings, One 3,000 Ampere, One 1,600 Ampere, And One 1,200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2035	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room, Penthouse And Generator Room								
Explanation : Five Transformers With Different Ratings, One At 500 Kilovolt-ampere, And Two At 75 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	90%			2038	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - SI THE LOUIS DESARIO SCHOOL
Asset # : 4466

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$29,200	
Generators								
Diesel	100%			2033	$138,700	1	$36,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 400 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$21,200	
Fuel Storage								
Main Tank	100%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon								
Lighting								
Interior Lighting								
Fluorescent	85%			2030	$1,203,700	10	$74,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2035	* *	10	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
HID	2%			2035	* *	10	$100	
LED	10%			2040	* *			
Egress Lighting								
Emergency, Service	55%			2030	$32,200	1		
Exit, Service	45%			2030	$18,400	1		
Exterior Lighting								
HID	100%			2030	$443,300	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$53,500	1	$10,600	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$73,500	1-3	$18,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - SI THE LOUIS DESARIO SCHOOL
Asset # : 4466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 6,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$94,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	20%			2046	* *	4	$900	
Steam Piping/Pump	80%			2050	* *			
Terminal Devices								
Air Handler	60%			2035	* *	1	$35,300	
Convector/Radiator	25%			2043	* *	1	$7,700	
Fan Coil Unit/Heat	15%			2035	* *	1	$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2035	* *	1	$39,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Exterior Pkg Unit - Cooling	10%			2035	* *	2	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit. R-410								
Distribution								
CW & CHW Wtr Pipe/Pump	90%			2050	* *	4	$4,200	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	90%			2035	* *	1	$52,900	
Fan Coil - 2 Pipe	10%			2035	* *	1	$3,100	
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	* *	2	$6,600	
Dry Cooler	90%			2030	$392,400	2	$59,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - SI THE LOUIS DESARIO SCHOOL
Asset # : 4466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2035	* *	2	$2,800	
Roof	5%			2035	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,000	
Backflow Preventer								
Generic	100%			2035	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : Two Elevators. No.2 Has Been Out Of Service For 1 Year								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$47,900	
Sprinkler								
Generic	100%			2050	* *	1-2	$26,600	
Fire Pump								
Generic	100%			2039	* *	1	$17,700	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Sets								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 57 - M**		
Address	: **176 EAST 115 STREET @ 3RD AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M057**
Program / Asset #	: **BOE0034.000 / 2770**	**Yr Built/Renovated**	: **1964 / 2010**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1640** **Lot** : **139**	**BIN**	: **1083184**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$158,100	$1,399,200
Interior Architecture	$222,900	$17,466,300
Electrical	$189,600	$912,700
Mechanical		$4,330,400
Total	**$570,600**	**$24,108,600**
Importance Code A	$158,100	$1,399,200
Importance Code B	$412,500	$22,112,300
Importance Code C		$597,000
Total	**$570,600**	**$24,108,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$44,200	
Interior Architecture	$269,900		$3,500	$16,300
Electrical	$10,200	$8,700	$10,300	$9,500
Mechanical	$132,300	$35,500	$41,200	$59,300
Site Pavements	$19,100			
Total	**$431,500**	**$44,100**	**$99,300**	**$85,000**
Importance Code A	$9,000	$9,000	$53,300	$9,000
Importance Code B	$331,000	$35,100	$46,000	$73,100
Importance Code C	$91,500			$3,000
Total	**$431,500**	**$44,100**	**$99,300**	**$85,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$206,700	
Metal Panel	5%			2043	* *	5-10	$37,400	
Windows								
Aluminum	85%			2041	* *	5	$27,600	
Metal Louvers	15%			2036	* *	10	$30,400	
Parapets								
Metal Rail	100%			2038	* *	5-10	$201,000	
Roof								
IRMA/Protected Membrane	75%	Now	$54,700	2033	$1,095,000			
Insul Miss/Displaced, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Throughout								
Panel/Paver: Cer/Brk	25%			2043	* *	10	$20,600	
Soffits								
Stucco Cement	100%			2038	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$60,600	
Ceramic Tile	5%			2036	* *	5	$6,900	
Quarry Tile	3%			2038	* *	5	$6,200	
Vinyl Tile	10%	0-2	$38,300	2033	$382,600	3	$5,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Cafeteria And Throughout								
Vinyl Tile 9" X 9"	67%			2033	$16,378,600	3	$46,400	
Wood	5%			2048	* *	5	$13,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$14,800	
Ceramic Tile	5%			2042	* *	5	$5,900	
Concrete Masonry Unit	20%			LIFE	* *	5	$18,900	
Fabric on Framing	5%	0-2	$29,900	2031	$597,000	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Masonry: Brick	10%			LIFE	* *	10	$3,500	
Plaster	25%			LIFE	* *	5-10	$25,100	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$17,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$44,600	2038	* *	5	$3,500	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	50%	2-4	$222,900	2038	* *	5	$43,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2038	* *	5	$6,900	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$17,300	
Fiber Board	5%			2033	$108,000			
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Metal Panel	3%			LIFE	* *	5	$10,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Newly Identified Component								
Plaster	22%			LIFE	* *	5-10	$52,400	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2043	* *			
Iron Picket	20%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$19,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Areas On 115th Street And 3rd Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2033	$36,200	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Fused Disc Sw	20%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	$159,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 - Vertical Sections								
Fused Disc Sw	30%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 - Vertical Section								
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	85%			2032	$203,600	5	$2,000	
Molded Case Bkrs	5%			2049	* *	5	$100	
Wiring								
Braided Cloth	65%	2-4	$189,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2053	* *	1		
Thermoplastic	20%			2033	$58,300	1		
Motor Controllers								
Locally Mounted	50%			2031	$59,700	5	$300	
Locally Mounted	50%			2050	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$79,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$11,000	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	2%	Now	$200	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
HID	8%			2038	* *	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$170,800	1	$34,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$56,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$90,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$14,600	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In Basement Boiler Room								
Terminal Devices								
Air Handler	20%			2033	$342,500	1	$11,300	
Convector/Radiator	80%	Now	$11,900	2031	$595,300	1	$21,200	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Rooms 113, 215 And 214 And 2nd Floor Hallway								
Controls								
Pneumatic	100%			2031	$1,758,700			
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2028	$134,300	1	$4,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Fan Room								
Split Unit	5%			2033	$108,000			
Window/Wall Unit	70%	Now	$4,800	2028	$241,300	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
No Component	15%							
Terminal Devices								
Air Handler/Dir Expansion	10%			2033	$148,300	1		
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2033	$22,400	2	$6,300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,300	
Exhaust Fans								
Interior	25%			2028	$100,900	2	$700	
Roof	75%	Now	$6,600	2033	$132,400	2	$1,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Fans 6, 8 And 10								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$348,500	1		
Corroded, Extent : Light, Area Affected : 5%								
Location : Water Main								
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons, Quantity 3								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	50%			2033	$9,100	4	$1,400	
Non-Submersible	50%	0-2	$9,100	2043	* *	4	$1,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$62,900	1-2	$1,300	
Chemical System								
Generic	100%			2028	$306,000	1-3	$303,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, 75 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 57 - SI**		
Address	: **140 PALMA DRIVE @ HANOVER AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R057**
Program / Asset #	: **BOE0941.000 / 1417**	**Yr Built/Renovated**	: **1976 / 2006**
Area Sq Ft	: **108,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Aug-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2888** **Lot** : **40**	**BIN**	: **5043519**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$386,300	$1,661,000
Interior Architecture	$980,800	$3,612,400
Electrical	$151,200	$1,230,300
Mechanical	$1,372,100	$2,383,800
Total	**$2,890,400**	**$8,887,500**
Importance Code A	$386,300	$2,167,600
Importance Code B	$2,284,500	$6,719,800
Importance Code C	$219,600	
Total	**$2,890,400**	**$8,887,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$78,400		$3,400	
Interior Architecture	$130,200			$20,700
Electrical	$8,600	$5,600	$24,500	$7,000
Mechanical	$87,800	$22,800	$78,300	$29,400
Site Enclosure	$11,100			
Site Pavements	$8,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$329,100**	**$32,300**	**$110,300**	**$61,000**
Importance Code A	$107,300	$10,700	$14,300	$10,800
Importance Code B	$107,800	$21,600	$96,000	$45,600
Importance Code C	$114,000			$4,600
Total	**$329,100**	**$32,300**	**$110,300**	**$61,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	45%	0-2	$160,400	LIFE	* *	5	$36,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : All Facades								
Pre-Cast Concrete	55%	0-2	$163,200	LIFE	* *	5	$146,300	
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Foundation Wall At Basement								
Windows								
Aluminum	100%	4+	$46,300	2047	* *	5	$9,700	
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Parapets								
Masonry: Brick Cavity	50%	Now	$29,800	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parapet Wall								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Parapet Wall								
Metal Panel	15%			2051	* *	5	$6,900	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Precast Parapet Walls								
Explanation : Coping Cover								
Metal Rail	15%	Now	$2,400	2036	* *	5	$12,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	20%			LIFE	* *	5	$14,900	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Parapet Walls								
Explanation : Covered With Corrugated Metal Panel								
Roof								
Built-Up (BUR)	90%			2031	$1,395,200	10	$119,500	
Clay Tile	10%	4+	$62,600	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$27,300	LIFE	* *	5	$35,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	10%	Now	$362,500	2046	* *	5	$8,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Toilets								
Vinyl Tile	80%	0-2	$71,000	2031	$3,552,100	3	$48,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	0-2	$30,300	2034	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$34,500	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Folding Partition	2%			2047	* *	5	$9,200	
Masonry: Brick	10%	0-2	$70,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	20%	Now	$38,000	LIFE	* *			
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Plaster	30%	Now	$67,100	LIFE	* *	5	$16,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$82,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor, Stair A								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$77,600	2036	* *	5	$12,100	
Adhesion Failure, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Gymnasium, Room 143								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
AcousTileConcealSpLn	20%	0-2	$103,500	2036	* *	5	$20,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$10,000	
Plaster	60%	Now	$146,600	LIFE	* *	5	$60,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2051	* *			
Iron Picket	30%	4+	$11,100	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Perimeter Of School								
Retaining Walls								
Cast in Place Concrete	90%			2066	* *			
Masonry: Brick	10%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2044	* *			
Pavers/Stone	10%			2040	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			
Activity Yard								
Asphalt	95%	4+	$8,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$36,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Services With Different Ratings, One 1,600 Ampere And One 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2057	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$208,100	5	$400	
Fused Disc Sw	20%			2057	* *	5	$100	
Raceway								
Conduit	95%			2031	$231,500	1		
Conduit	5%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	90%			2039	* *	5	$2,600	
Wiring								
Thermoplastic	95%			2031	$324,800	1		
Thermoplastic	5%			2057	* *	1		
Motor Controllers								
Locally Mounted	60%			2029	$108,900	5	$400	
Motor Control Center	20%			2029	$145,400	5	$600	
Variable Frequency Drive	20%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2039	* *	10	$94,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Battery	45%			2031	$81,600	10	$11,700	
Emergency, Battery	5%			2039	* *	10	$1,300	
Exit, Service	40%			2026	$18,600	1		
Exit, Service	10%			2039	* *	1		
Exterior Lighting								
HID	30%			2026	$151,200	10	$100	
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$12,100	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2036	* *	1-3	$48,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 7,500 Gallon Tank With No.2 Fuel Oil								
Conversion Equipment								
Steam Boiler	50%	0-2	$23,500	2036	* *	1	$48,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : No.2 Boiler								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : No.2 Boiler								
Steam Boiler	50%			2029	$470,700	1	$53,500	
Distribution								
Steam Piping/Pump	10%	0-2	$8,600	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room, Vacuum Pumps								
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pumps Auto Control, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Steam Piping/Pump	90%			2041	* *			
Terminal Devices								
Air Handler	10%	0-2	$10,200	2031	$203,200	1	$6,000	
Noisy/Vibrating, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Air Handler	10%			2039	* *	1	$6,700	
Convector/Radiator	60%			2036	* *	1	$20,900	
Fan Coil Unit/Heat	20%			2026	$535,500	1	$7,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2031	$318,700	1	$10,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Reciprocating Compr/Chiller	15%			2036	* *	1	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Refrigerant R-407c								
Reciprocating Compr/Chiller	10%			2036	* *	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Refrigerant R-410a								
Window/Wall Unit	40%			2026	$163,700	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	45%			2051	* *	4	$2,400	
No Component	55%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2039	* *	1	$13,400	
Air Handler/Cool/Ht	15%			2026	$267,200	1	$10,000	
Fan Coil - 4 Pipe	10%			2026	$349,200	1	$3,500	
No Component	55%							
Heat Rejection								
Air Cooled Condenser Unit	45%			2036	* *	2	$33,800	
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,200	
Exhaust Fans								
Interior	20%	0-2	$4,800	2031	$95,800	2	$500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : The Bearing Of The Unit For Gymnasium								
Roof	40%			2039	* *	2	$1,300	
Roof	40%			2031	$83,800	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$689,400	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2031	$522,200	4	$10,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	0-2	$800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Cross Bay Near Staircase B								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$21,600	4	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room And Fan Room								
Explanation : 2 Dual Pump Units								
Sewage Ejector(s)								
Electric	100%			2026	$56,500	4	$4,300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Old Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$54,500	
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$3,000	
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 58 - BK**		
Address	: **330 SMITH STREET @ CARROLL ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K058**
Program / Asset #	: **BOE0386.000 / 1408**	**Yr Built/Renovated**	: **1957 / 2009**
Area Sq Ft	: **111,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **449** **Lot** : **15**	**BIN**	: **3007547**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$83,700	$1,566,400
Interior Architecture	$16,944,000	$117,200
Electrical	$156,200	$1,037,700
Mechanical	$800,100	$3,829,400
Site Pavements	$155,900	
Total	**$18,139,900**	**$6,550,600**
Importance Code A	$83,700	$1,566,400
Importance Code B	$17,968,300	$4,930,100
Importance Code C	$87,900	$54,200
Total	**$18,139,900**	**$6,550,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$78,700		$15,900	
Interior Architecture	$154,800		$18,400	$16,200
Electrical	$21,900	$5,200	$51,800	$8,100
Mechanical	$42,400	$10,100	$42,700	$19,300
Site Enclosure	$36,500			
Site Pavements	$8,000			
Total	**$342,300**	**$15,300**	**$128,600**	**$43,600**
Importance Code A	$78,700		$16,100	
Importance Code B	$188,900	$15,300	$112,500	$43,600
Importance Code C	$74,700			
Total	**$342,300**	**$15,300**	**$128,600**	**$43,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%	0-2	$83,700	LIFE	* *	5	$50,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Above Main Entrance Canopy, Window Lintels And Other Minor Areas Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Above 3rd Floor Windows								
Masonry: Limestone	8%			LIFE	* *	5	$3,300	
Windows								
Aluminum	100%			2039	* *	5	$28,900	
Parapets								
Masonry: Brick Cavity	70%	0-2	$20,300	LIFE	* *	5	$10,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Coping Stone Bed Joint Throughout Parapets								
Masonry: Limestone	5%	4+	$4,500	LIFE	* *	5	$900	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Coping Stones								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Coping Stones								
Metal Rail	25%			2044	* *	5-10	$65,100	
Roof								
Built-Up (BUR)	90%			2031	$1,332,100	10	$114,100	
Copper/Terne	5%			2046	* *	10	$15,900	
Modified Bitumen	5%			2031	$69,300	10	$6,300	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$28,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Mosaic Tile	5%			2036	* *	5	$21,000	
Sheet Vinyl/Rubber	3%	Now	$164,800	2041	* *	5	$3,800	
Worn/Eroded, Extent : Severe, Area Affected : 35%								
Location : Auditorium								
Terrazzo	5%	Now	$15,700	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	22%	Now	$20,400	2036	* *	3	$13,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria And Other Areas Throughout								
Vinyl Tile 9" X 9"	55%	Now	$326,100	2026	$16,303,900	3	$34,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			2046	* *	5	$15,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$16,600	2034	* *	5	$7,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathroom And Kitchen Walls								
Concrete Masonry Unit	5%	0-2	$28,300	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%	Now	$87,900	LIFE	* *	5	$54,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Other Areas Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%	Now	$40,500	2036	* *	5	$12,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium								
AcousTileConcealSpLn	23%	Now	$31,100	2036	* *	5	$24,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Cafeteria								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Cafeteria And Throughout								
Metal Panel	2%	2-4	$2,200	LIFE	* *	5	$4,200	
Loose Units, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Plaster	60%	Now	$61,300	LIFE	* *	5	$63,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Site Enclosure								
Fence/Gates								
Chain Link	80%	4+	$22,600	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Of Schoolyard								
Iron Picket	20%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$13,900	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$92,100	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	40%			2036	* *			
Pavers/Stone	60%	Now	$7,200	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entrance Stairs								
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	95%	0-2	$63,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Schoolyard								
Rubber Matting	5%	4+	$800	2031	$39,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : South Side Of Site								
Explanation : Vegetation Growth At Rubber Matting Joints								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	70%			2031	$170,600	1		
Conduit	30%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$2,900	
Wiring								
Braided Cloth	50%			2030	$170,900	1		
Thermoplastic	50%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$94,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2026	$61,500	2	$100	
LED	5%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2031	$6,800	1		
Emergency, Battery	40%	Now	$14,900	2031	$74,500			
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Twenty Five Battery Packs Are Not Operational Throughout The Building								
Exit, Battery	50%			2036	* *	10	$3,700	
Exterior Lighting								
HID	85%			2031	$440,200	10	$300	
LED	15%			2039	* *			
Lightning Protection								
Arresters/Cabling								
Generic	100%			2071	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chimney Stack								
Explanation : Recent Installation								
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$41,700	1	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2036	* *	1-3	$49,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Under Construction	100%							
Distribution								
Central Plant Steam Piping/Pmp	100%			2031	$3,121,300	4	$5,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$417,800	1	$13,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	80%			2044	* *	1	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Climate System Replaced								
Air Conditioning								
Energy Source								
Electricity	10%			2047	* *	1		
No Component	90%							
Conversion Equipment								
Split Unit	10%			2039	* *			
Window/Wall Unit	65%			2029	$273,300	1		
Window/Wall Unit	10%	0-2	$25,200	2031	$42,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Classroom, Multiple Mechanical And Or Electrical Defects								
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Interior	30%			2026	$147,700	2	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Roof	70%			2026	$150,800	2	$2,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
HW Heat Exchanger								
HTHW/HW	100%			2031	$311,100			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank And Not Energy Efficient								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	Now	$83,900	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Throughout Kindergarten Classroom Toilet Rooms								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2026	$22,200	4	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
No Component	80%							
Generic	20%			2039	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Unit Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,600	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 58 - Q**		
Address	: **72-24 GRAND AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q058**
Program / Asset #	: **BOE1026.000 / 13468**	**Yr Built/Renovated**	: **2002 / 2015**
Area Sq Ft	: **141,201**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2802** **Lot** : **94**	**BIN**	: **4062861**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$94,500	$126,900
Interior Architecture		$169,100
Electrical		$3,096,500
Mechanical		$1,496,100
Total	**$94,500**	**$4,888,600**
Importance Code A	$94,500	$126,900
Importance Code B		$4,761,700
Total	**$94,500**	**$4,888,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,400	$7,500		
Interior Architecture	$9,500		$19,800	
Electrical	$32,700	$14,800	$13,800	$14,600
Mechanical	$131,800	$79,300	$97,600	$57,200
Site Pavements	$31,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$282,100**	**$109,600**	**$139,000**	**$79,700**
Importance Code A	$87,100	$21,800	$14,000	$14,000
Importance Code B	$193,000	$87,800	$125,100	$65,700
Importance Code C	$2,000			
Total	**$282,100**	**$109,600**	**$139,000**	**$79,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$126,900	
Metal Panel	3%			2050	* *	5-10	$27,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$8,700	
Windows								
Aluminum	97%	4+	$29,200	2046	* *	5	$15,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Window Perimeter In Room 314, Library Windows								
Metal Louvers	3%	4+	$1,100	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Roof Penthouse Louver Perimeter								
Explanation : Deteriorated Caulking								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$14,000	
Pre-Cast Concrete	10%	4+	$2,500	LIFE	* *	5	$9,800	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Coping								
Roof								
Built-Up (BUR)	95%			2035	* *	10	$94,500	
Skylight, Plastic	5%			2043	* *	1		
Soffits								
Stucco Cement	100%	0-2	$35,600	2043	* *	5	$5,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Grant Avenue								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$46,200	
Ceramic Tile	5%			2039	* *	5	$10,600	
Terrazzo	5%			LIFE	* *	5	$8,300	
Vinyl Tile	75%			2035	* *	3	$59,400	
Wood	5%			2058	* *	5	$19,800	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$3,900	
Concrete Masonry Unit	25%			LIFE	* *	5	$13,100	
Glass: Special Gauge	2%			LIFE	* *	1		
Gypsum Board	20%			LIFE	* *	5	$15,700	
SGFT/Glazed Masonry	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	80%			2043	* *	5	$169,100	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	7%			LIFE	* *	5	$18,500	
Gypsum Board	3%	2-4	$2,200	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium And Library Near Windows								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	20%			2050	* *			
Iron Picket	80%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	75%			2065	* *			
Masonry: Brick	25%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	90%	0-2	$31,800	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 5,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Basement								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$600	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$300	
Molded Case Bkrs	90%			2038	* *	5	$3,300	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$43,400	
Generators								
Diesel	100%			2033	$138,700	1	$54,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 400 Kilowatt								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$31,500	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 75 Gallon Capacity								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	94%			2030	$1,978,600	10	$121,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2030	$84,200	10	$5,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways And Auditorium								
HID	2%			2030	$33,400	10	$100	
Egress Lighting								
Emergency, Service	50%			2030	$43,500	1		
Exit, Service	50%			2030	$30,400	1		
Exterior Lighting								
HID	100%			2030	$658,900	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$15,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Outside, Exit Doors And Some Offices								
Explanation : CCTV Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$109,300	1-3	$26,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	90%			2043	* *	1	$125,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	10%	0-2	$6,200	2043	* *	1	$12,600	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : No.1 Boiler								
Distribution								
Steam Piping/Pump	10%	0-2	$22,600	2050	* *			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Pneumatic Controls, Throughout, And Vacuum Pump In Basement								
Steam Piping/Pump	90%			2050	* *			
Terminal Devices								
Air Handler	80%			2035	* *	1	$69,900	
Convector/Radiator	20%			2043	* *	1	$9,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	75%			2039	* *	1	$114,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Split Unit	10%			2030	$335,300			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	75%			2050	* *	4	$5,200	
No Component	25%							
Terminal Devices								
Air Handler/Cool/Ht	75%			2035	* *	1	$65,500	
Fan Coil - 2 Pipe	10%			2030	$366,100	1	$4,600	
No Component	15%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	10%			2030	$55,100	2	$9,800	
Water Cooling Tower	75%	0-2	$45,500	2028	$454,700	2	$85,300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Roof								
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,700	
Exhaust Fans								
Interior	75%			2035	* *	2	$3,200	
Roof	25%			2030	$68,500	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2029	$17,100	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : One Smaller Temporary Unit Is Being Used, Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$28,300	4	$3,000	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$5,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : One Unit From Basement To Ground Floor, One Unit From 1st To 3rd Floor								
Explanation : Two Units. Defective Control Panels.								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$71,200	
Sprinkler								
Generic	100%			2050	* *	1-2	$39,600	
Fire Pump								
Generic	100%			2033	$134,800	1	$26,400	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 59 - BK**		
Address	: **211 THROOP AVENUE @ PARK AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K059**
Program / Asset #	: **BOE0387.000 / 1104**	**Yr Built/Renovated**	: **1956 / 2019**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1749** **Lot** : **1**	**BIN**	: **3048546**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$293,500	$143,200
Interior Architecture	$62,100	
Electrical	$623,200	$311,100
Mechanical	$301,900	$1,153,100
Total	**$1,280,600**	**$1,607,500**
Importance Code A	$377,200	$143,200
Importance Code B	$903,400	$1,464,200
Total	**$1,280,600**	**$1,607,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,800	$12,200		$9,500
Interior Architecture	$47,900	$37,200		
Electrical	$25,400	$3,000	$2,700	$60,000
Mechanical	$53,100	$16,400	$21,500	$28,500
Site Enclosure	$14,800			
Site Pavements	$400			
Total	**$208,400**	**$68,700**	**$24,200**	**$98,100**
Importance Code A	$66,800	$21,700	$9,500	$19,300
Importance Code B	$101,100	$47,000	$14,700	$78,800
Importance Code C	$40,500			
Total	**$208,400**	**$68,700**	**$24,200**	**$98,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%	0-2	$13,300	LIFE	* *	5	$38,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Park Avenue								
Masonry: Brick	50%			LIFE	* *	5	$40,900	
Masonry: Limestone	5%	0-2	$32,200	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	35%			2052	* *	5-10	$196,900	
Windows								
Aluminum	100%	0-2	$92,500	2048	* *	5	$9,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$5,900	
Metal Panel	30%			2052	* *	5	$13,800	
Metal: Cage/Fence	5%			2037	* *	5-10	$4,600	
No Component	15%							
Roof								
Built-Up (BUR)	95%	0-2	$147,300	2037	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Upper And Lower Roofs								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Roof Throughout								
Metal Panel	5%			2045	* *	10	$12,200	
Soffits								
Cast in Place Concrete	100%	2-4	$21,200	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Various Locations Throughout								
Exposed Reinforcement, Extent : Severe, Area Affected : 15%								
Location : Various Locations Throughout								
Interior								
Floors								
Carpet	35%			2031	$994,900	3	$84,400	
Cast in Place Concrete	10%			LIFE	* *	5	$35,200	
Ceramic Tile	5%	Now	$22,700	2041	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Pre-school Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Pre-school Toilets								
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	45%			2037	* *	3	$27,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$25,300	2041	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Pre-school Toilets								
Concrete Masonry Unit	50%			LIFE	* *	5	$36,700	
Glazed Ceramic Panel	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	24%	0-2	$62,100	2037	* *	5	$19,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement Classrooms And Corridors								
Exposed Struc: Concrete	55%			LIFE	* *	5	$13,800	
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	11%			LIFE	* *	5	$22,100	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$14,800	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Handrail At Main Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	98%			2045	* *			
Masonry: Granite	2%	Now	$400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entry Steps								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches For Service No.1 And No.2								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$300	
Fused Toggle Switch	65%	Now	$155,700	2057	* *	5	$700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Throughout The Building								
Molded Case Bkrs	20%			2048	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$233,400	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$79,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$80,600	10	$11,600	
Exit, Service	50%	2-4	$12,400	2042	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
HID	10%			2027	$44,800	10		
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$10,800	2037	* *	1	$9,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodians Office								
Explanation : Communication Failure Error Message Visible On Security System Control Panel								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$74,300	1-3	$18,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$223,200	5	$29,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	0-2	$83,700	2037	* *	1	$85,600	
Cracked, Extent : Moderate, Area Affected : 20%								
Location : Bricks In Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Valve On Feedwater								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	20%	Now	$18,100	2032	$361,300	1	$10,700	
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Gymnasium Coil Leak And Auditorium Coil Leak								
Convector/Radiator	80%			2037	* *	1	$24,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2032	$228,000			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Main Distribution Frame (MDF) Room								
Window/Wall Unit	60%			2027	$218,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,500	
Exhaust Fans								
Interior	80%			2032	$340,600	2	$2,400	
Roof	20%			2032	$37,300	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$24,700	2042	* *	1		
Antiquated, Extent : Severe, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Water Main Valves Not Holding And Leaking								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,800	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : In Fan Room, Basement								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,000	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,400	
Chemical System								
No Component	97%							
Generic	3%			2030	$2,400	1-3	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 6 - BK**
Address : **43 SNYDER AVE. BTWN: FLATBUSH AVE - BEDFORD AVE**
Borough : **BROOKLYN**
Agency's Number : **K006**
Program / Asset # : **BOE0978.000 / 4141**
Yr Built/Renovated : **1993 / 2006**
Area Sq Ft : **77,487**
Project Type : **EDUCATION**
Date of Survey : **27-Jun-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **5103** **Lot** : **79** **BIN** : **3117230**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,607,900	$114,800
Interior Architecture	$100,100	$53,600
Electrical		$1,784,000
Mechanical	$368,000	$3,669,300
Site Pavements		$107,900
Total	**$2,076,000**	**$5,729,600**
Importance Code A	$1,607,900	$114,800
Importance Code B	$468,100	$5,614,800
Total	**$2,076,000**	**$5,729,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,700		$700	
Interior Architecture	$89,100	$2,000		$7,800
Electrical	$25,500	$13,200	$14,100	$12,600
Mechanical	$29,700	$21,700	$46,100	$11,300
Site Pavements	$59,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$214,700**	**$40,900**	**$64,800**	**$35,600**
Importance Code A	$14,400	$7,800	$8,400	$7,700
Importance Code B	$187,500	$33,000	$56,500	$27,900
Importance Code C	$12,800			
Total	**$214,700**	**$40,900**	**$64,800**	**$35,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$28,100	
Masonry: Brick Cavity	83%	0-2	$259,600	LIFE	* *	5	$59,600	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor Perimeter								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : 1st Story - Top Of Window Heads - Continuing At Expansion Joint								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Street Facades - 1st Story								
Window Wall	12%	2-4	$130,800	2050	* *	5	$16,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Window Sills								
Glazing Clouded, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	93%	2-4	$968,100	2055	* *	5	$10,200	
Air Infiltration, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Condensation Present, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Window Headers - 1st Floor Classrooms								
Glass Block	5%			LIFE	* *	5	$700	
Metal Louvers	2%			2039	* *	10	$2,700	
Parapets								
Masonry: Brick Cavity	75%	0-2	$5,500	LIFE	* *	5	$2,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Bedford Avenue								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%			2056	* *	5	$1,400	
Metal Rail	5%	0-2	$1,200	2043	* *	5	$1,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Anchor Connections								
Pre-Cast Concrete	10%			LIFE	* *	5	$2,300	
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	82%			2035	* *	10	$164,700	
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Panel	15%			2043	* *	10	$55,200	
Skylight, Metal/Glass	3%	Now	$84,700	2050	* *			
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								
Floors								
Carpet	2%	Now	$37,900	2032	$37,900	3	$3,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	5%	2-4	$9,100	LIFE	* *	5	$11,700	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	8%			2039	* *	5	$8,600	
Panel/Paver: Bluestone	5%			LIFE	* *	5	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Stair Treads								
Quarry Tile	2%			2043	* *	5	$3,200	
Terrazzo	20%	Now	$100,100	LIFE	* *	5	$16,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Outside Cafeteria Entrance								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Traffic Topping	3%			2035	* *	5	$4,000	
Vinyl Tile	50%	2-4	$29,600	2035	* *	3	$20,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2058	* *	5	$10,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$600	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Penthouse								
Glass Block	5%			LIFE	* *			
Gypsum Board	40%	Now	$3,100	LIFE	* *	5	$6,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Soffits								
Plaster	15%	Now	$5,100	LIFE	* *	5	$1,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	5%			LIFE	* *	5	$5,600	
Ceilings								
AcousTileConcealSpLn	55%			2043	* *	5	$73,600	
Gypsum Board	40%			LIFE	* *	5	$53,600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$6,700	
Site Enclosure								
Fence/Gates								
Iron Picket	75%			2065	* *			
Masonry: Brick	25%			2050	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$44,400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	70%	0-2	$4,600	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Pavers/Stone	30%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	50%	2-4	$10,800	2033	$107,900			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	35%			2043	* *			
Rubber Matting	15%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$300	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	90%			2038	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	95%			2035	* *	5	$500	
Variable Frequency Drive	5%			2047	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$23,800	
Generators								
Diesel	100%			2033	$138,700	1	$30,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 248 Kilowatt Capacity								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 27.5 Gallons								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallons								
Lighting								
Interior Lighting								
Fluorescent	70%			2030	$808,600	10	$49,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2030	$115,500	10	$7,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	10%	Now	$1,800	2030	$91,800			
Damaged Fixtures, Extent : Moderate, Area Affected : 1%								
Location : Back Of Auditorium Staircase								
Incandescent	10%			2030	$214,700	2	$200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Auditorium, Corridor And Kitchen Serving Area								
Explanation : Halogen And Incandescent Lamps								
Egress Lighting								
Emergency, Service	50%			2030	$23,900	1		
Exit, Service	10%			2030	$3,300	1		
Exit, Battery	40%			2038	* *	10	$2,100	
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : Throughout The Building								
Exterior Lighting								
HID	99%	Now	$7,200	2030	$357,900			
Damaged Fixtures, Extent : Moderate, Area Affected : 2%								
Location : School Yard								
LED	1%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 1%								
Location : Building Perimeter								
Alarm								
Security System								
Generic	100%			2035	* *	1	$28,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$47,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$76,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2050	* *			
Terminal Devices								
Convector/Radiator	50%	Now	$15,800	2035	* *	1	$11,300	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Throughout, Defective Building Management System								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse								
Explanation : The Air Handling Equipment Is Already Accounted For Under The Air Conditioning Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	100%	Now	$368,000	2030	$1,840,000			
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Roof								
Explanation : 2 Of 10 Units Are Not Working								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$100,800	
Terminal Devices								
Air Handler/Dir Expansion	100%			2030	$1,485,600	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,200	
Exhaust Fans								
Interior	100%			2030	$343,700	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 100 Gallon Unit, One 200 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,400	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	$40,600	4	$3,100	
Backflow Preventer								
Generic	100%			2035	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$39,100	
Sprinkler								
No Component	90%							
Generic	10%			2050	* *	1-2	$2,200	
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 6 - BX**		
Address	: **1000 EAST TREMONT AVENUE @VYSE AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X006**
Program / Asset #	: **BOE0159.000 / 526**	**Yr Built/Renovated**	: **1904 / 1999**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3005** **Lot** : **10**	**BIN**	: **2010892**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$521,500	$388,000
Interior Architecture	$155,000	$2,611,900
Electrical	$413,800	$826,500
Mechanical	$155,300	$1,498,700
Total	**$1,245,700**	**$5,325,100**
Importance Code A	$521,500	$388,000
Importance Code B	$724,200	$4,937,100
Total	**$1,245,700**	**$5,325,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,700	$9,900		$53,200
Interior Architecture	$43,000	$9,800	$11,500	$2,800
Electrical	$2,600	$2,200	$2,900	$36,700
Mechanical	$137,300	$12,400	$19,400	$47,100
Site Pavements	$31,300			
Total	**$230,800**	**$34,300**	**$33,800**	**$139,800**
Importance Code A	$24,800	$18,000	$8,100	$61,500
Importance Code B	$163,000	$11,900	$25,700	$78,300
Importance Code C	$43,000	$4,400		
Total	**$230,800**	**$34,300**	**$33,800**	**$139,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$123,700	
Masonry: Brick	80%	Now	$521,500	LIFE	* *	5	$126,700	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Foundation Wall East Tremont Facade								
Masonry: Limestone	5%			LIFE	* *	5	$5,900	
Stucco Cement	5%			2045	* *	5	$19,800	
Windows								
Wood	100%			2048	* *	5	$60,000	
Parapets								
Cast Stone/Terra Cotta	70%	2-4	$6,100	LIFE	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Terra Cotta Copings								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Terra Cotta Copings								
Deteriorated Finish, Extent : Severe, Area Affected : 5%								
Location : Terra Cotta Coping Stones								
Masonry: Brick	15%			LIFE	* *	5	$100	
Masonry: Limestone	15%			LIFE	* *	5	$100	
Roof								
Built-Up (BUR)	72%			2037	* *	10	$45,300	
Copper/Terne	5%			2047	* *	10	$7,900	
Modified Bitumen	20%			2032	$137,600	10	$12,600	
Skylight, Metal/Glass	3%	4+	$10,600	2042	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Skylight								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$15,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,800	
Ceramic Tile	5%			2035	* *	5	$6,100	
Quarry Tile	3%			2037	* *	5	$5,500	
Traffic Topping	5%	Now	$87,900	2042	* *	5	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	75%			2032	$2,542,900	3	$34,500	
Wood	2%			2060	* *	5	$4,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$8,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%	Now	$43,000	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Roof Exit, Stair E Below Bathroom, Stair C								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 304								
Plaster	60%			LIFE	* *	5	$31,800	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,900	
Plaster	90%	2-4	$67,200	LIFE	* *	5	$69,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2052	* *			
Iron Picket	15%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Retaining Walls								
Cast in Place Concrete	10%			2076	* *			
Masonry: Fieldstone	90%			2058	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2045	* *			
Pavers/Stone	30%			2041	* *			
Parking/Driveway								
Asphalt	100%			2041	* *			
Activity Yard								
Asphalt	90%	4+	$31,300	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Lower Play Yard								
Rubber Matting	10%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2058	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	80%			2031	$191,600	5	$1,700	
Molded Case Bkrs	10%			2054	* *	5	$200	
Wiring								
Braided Cloth	75%	0-2	$218,800	2057	* *	1		
Insulation Aged, Extent : Light, Area Affected : 80%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$58,300	1		
Thermoplastic	5%			2058	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Variable Frequency Drive	30%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$73,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	40%			2027	$55,100	10	$7,900	
Emergency, Battery	10%			2040	* *	10	$2,000	
Exit, LED	20%			2067	* *	1		
Exit, Service	30%			2027	$10,600	1		
Exterior Lighting								
HID	5%			2027	$19,100	10		
HID	15%	Now	$57,400	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$15,400	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	10%			2040	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$63,500	1-3	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bells, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks 4000 Gallons Each No.2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$81,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$46,100	2042	* *	4	$4,000	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Pipes, Throughout								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement. Condensate Pump And Gas Booster Pump Leaking								
Terminal Devices								
Air Handler	20%	Now	$30,900	2032	$308,600	1	$9,100	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, Gymnasium, Auditorium Blower Defective Switch And Broken Belt								
Convector/Radiator	80%			2037	* *	1	$21,200	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$15,500	2027	$155,300	1		
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Throughout. 60 Percent Of Window, Wall Units Are Not Working								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	
Exhaust Fans								
Interior	10%			2032	$36,400	2	$300	
Roof	90%	Now	$28,600	2032	$143,200	2	$1,800	
Malfunctioning, Extent : Severe, Area Affected : 90%								
Location : All Bathrooms And Kitchen Exhausts Are Not Working								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2030	$1,046,800	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$3,300	2032	$16,400	4	$1,700	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : 1 Of 3 Pumps Is Not Working In The Basement.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,200	
Chemical System								
No Component	80%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 6 - BX GYMNASIUM BUILDING**		
Address	: **1000 EAST TREMONT AVENUE @ VYSE AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X936**
Program / Asset #	: **BOE0159.010 / 15244**	**Yr Built/Renovated**	: **2019 /**
Area Sq Ft	: **5,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,Mez**		
Block	: **Lot** :	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$800	$200		
Interior Architecture	$400	$2,100		$5,400
Electrical	$200	$100	$100	$100
Mechanical	$1,600	$900	$2,000	$900
Total	**$3,000**	**$3,400**	**$2,100**	**$6,400**
Importance Code A	$1,000	$500	$200	$200
Importance Code B	$1,900	$1,000	$1,900	$6,200
Importance Code C		$2,000		
Total	**$3,000**	**$3,400**	**$2,100**	**$6,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 6 - BX GYMNASIUM BUILDING
Asset # : 15244

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	* *	5	$1,400	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Facades								
Pre-Cast Concrete	90%			LIFE	* *	5	$39,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Facades								
Windows								
Aluminum	98%			2054	* *	5	$1,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Facades								
Metal Louvers	2%			2045	* *	10	$200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Facades								
Parapets								
Metal Panel	5%			2058	* *	5	$500	
Pre-Cast Concrete	95%			LIFE	* *	5	$13,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall								
Roof								
Single Ply Membrane	100%			2040	* *	10	$15,300	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$3,400	
Ceramic Tile	5%			2045	* *	5	$400	
Wood	75%			2067	* *	5	$10,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Floor								
Interior Walls								
Ceramic Tile	20%			2045	* *	5	$3,900	
Gypsum Board	80%			LIFE	* *	5	$9,400	
Ceilings								
AcousTileSusp.Lay-In	10%			2049	* *	5	$800	
Exposed Struc: Steel	45%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$500	
Metal Panel	40%			LIFE	* *	5	$3,800	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2058	* *			
Iron Picket	50%			2076	* *			
Retaining Walls								
Cast in Place Concrete	100%			2076	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 6 - BX GYMNASIUM BUILDING
Asset # : 15244

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Asphalt	98%			2045	* *			
Rubber Matting	2%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Main Building								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2058	* *	5	$100	
Raceway								
Conduit	100%			2058	* *	1		
Panelboards								
Fused Disc Sw	5%			2054	* *	5		
Molded Case Bkrs	95%			2054	* *	5	$100	
Wiring								
Thermoplastic	100%			2058	* *	1		
Motor Controllers								
Locally Mounted	30%			2049	* *	5		
Variable Frequency Drive	70%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$600	
Exit, LED	50%			2067	* *	1		
Exterior Lighting								
HID	20%			2032	$4,700	10		
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 6 - BX GYMNASIUM BUILDING
Asset # : 15244

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2040	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Smoke Detectors, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2058	* *	1		
Conversion Equipment								
Furnace	100%			2040	* *	1	$2,500	
Terminal Devices								
Air Handler	100%			2040	* *	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2054	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2036	* *	2	$300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2040	* *	1	$3,100	
Heat Rejection								
Air Cooled Condenser Unit	100%			2040	* *	2	$3,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2058	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 6 - BX GYMNASIUM BUILDING
Asset # : 15244

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 60 - Q**		
Address	: **91-02 88 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q060**
Program / Asset #	: **BOE0715.000 / 2278**	**Yr Built/Renovated**	: **1965 / 2010**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8929** **Lot** : **58**	**BIN**	: **4184144**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$57,400	$77,400
Interior Architecture	$9,462,800	
Electrical	$268,000	$507,500
Mechanical		$709,800
Total	**$9,788,200**	**$1,294,600**
Importance Code A	$57,400	$77,400
Importance Code B	$9,730,800	$1,217,200
Total	**$9,788,200**	**$1,294,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,700		$7,700	
Interior Architecture	$120,100		$1,100	$8,000
Electrical	$1,300	$3,000	$99,100	$2,600
Mechanical	$54,000	$10,900	$34,100	$12,500
Site Enclosure	$27,100			
Site Pavements	$19,000			
Total	**$288,200**	**$13,900**	**$142,100**	**$23,100**
Importance Code A	$74,700	$7,700	$15,600	$7,700
Importance Code B	$71,000	$6,200	$126,500	$15,300
Importance Code C	$142,500			
Total	**$288,200**	**$13,900**	**$142,100**	**$23,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$77,400	
Painted Surfaces, Extent : Moderate, Area Affected : 20%								
Location : Lower Level Is Painted Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,100	
Windows								
Aluminum	100%	Now	$3,200	2047	* *	5	$700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	55%			LIFE	* *	5	$16,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$3,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal: Cage/Fence	30%			2044	* *	5-10	$71,100	
Metal: Cage/Fence	5%	Now	$7,300	2036	* *	5	$4,900	
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Lower Roof At Cafeteria								
Roof								
Built-Up (BUR)	93%			2036	* *	10	$57,400	
Copper/Terne	5%			2046	* *	10	$7,700	
Skylight, Metal/Glass	2%	Now	$6,900	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Soffits								
Cast in Place Concrete	100%	Now	$7,800	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$10,600	2034	* *	5	$1,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$2,900	
Vinyl Tile	15%			2036	* *	3	$5,600	
Vinyl Tile 9" X 9"	70%	Now	$185,500	2026	$9,277,200	3	$19,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Gymnasium Office, Classrooms								
Wood	5%	0-2	$4,500	2059	* *	5	$3,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$18,800	2034	* *	5	$1,700	
Adhesion Failure, Extent : Severe, Area Affected : 20%								
Location : Bathrooms								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms And Kitchen Base Tile								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,400	
Gypsum Board	5%			LIFE	* *	5	$2,100	
Marble Panels	5%			LIFE	* *			
Plaster	48%	Now	$39,900	LIFE	* *	5	$9,800	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
SGFT/Glazed Masonry	30%	2-4	$36,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	2%	4+	$800	LIFE	* *	5	$5,500	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Bamboo Walls								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$7,300	2036	* *	5	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second And Third Floor Corridors								
AcousTile,Adhered	15%			2048	* *	5	$11,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : First Floor Corridor And Gymnasium								
AcousTileSusp.Lay-In	3%			2036	* *	5	$2,300	
Exposed Struc: Concrete	55%			LIFE	* *	5	$6,500	
Exposed Struc: Steel	2%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen And Auditorium								
Explanation : Dropped Ceiling Metal Panels								
Plaster	5%			LIFE	* *	5	$2,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$18,900	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : 88th Road Entries To Walkways								
Iron Picket	50%	Now	$8,200	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : 88th Avenue And 89th Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$19,000	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Dumpster Area								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Dumpster Area								
Activity Yard								
Asphalt	50%			2040	* *			
Rubber Matting	50%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$156,100	5	$300	
Fused Disc Sw	20%			2041	* *	5	$100	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	70%			2030	$125,700	5	$1,400	
Molded Case Bkrs	20%			2039	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$139,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2041	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$400	
Locally Mounted	20%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$66,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Case								
Explanation : Compact Fluorescent Lights								
Incandescent	2%			2026	$43,200	2		
LED	3%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$9,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	20%			2036	* *			
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$43,900	1	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$60,400	2041	* *	1-3	$13,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7,500 Gallons Each								
Conversion Equipment								
Steam Boiler	95%			2036	* *	1	$73,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Steam Boiler	5%	0-2	$700	2036	* *	1	$3,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Water Auto Re-feed, Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$12,500	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Return Line, Cross Bay								
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Thermostats, Various Locations								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2031	$293,600	1	$9,700	
Convector/Radiator	80%			2036	* *	1	$20,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	75%			2029	$221,600	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	
Exhaust Fans								
Interior	30%			2031	$103,800	2	$700	
Roof	60%	0-2	$4,500	2031	$90,800	2	$1,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Ventilation For The Kitchen.								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$19,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 5%								
Location : Cross Bay								
Storm Drain Piping								
Cast Iron	100%	0-2	$5,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Exterior Drain Underneath Of Cafeteria Entrance								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	$40,800	4	$3,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2031	$21,600	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 60 - Q MINISCHOOL**		
Address	: **91-02 88 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q860**
Program / Asset #	: **BOE0715.010 / 2284**	**Yr Built/Renovated**	: **1987 / 2010**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **8929** **Lot** : **58**	**BIN**	: **4184144**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$60,000	$84,300
Interior Architecture		$417,600
Mechanical		$189,800
Total	**$60,000**	**$691,600**
Importance Code A	$60,000	$84,300
Importance Code B		$607,300
Total	**$60,000**	**$691,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,300		$31,600	
Interior Architecture	$28,900			$1,900
Electrical	$500	$300	$22,200	$300
Mechanical	$8,000	$1,100	$35,400	$1,100
Site Pavements	$12,400			
Total	**$71,100**	**$1,500**	**$89,200**	**$3,400**
Importance Code A	$23,400	$500	$65,900	$500
Importance Code B	$27,800	$900	$23,400	$2,800
Importance Code C	$20,000			
Total	**$71,100**	**$1,500**	**$89,200**	**$3,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q MINISCHOOL

Asset # : 2284

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	7%	2-4	$3,800	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	93%			2051	* *	5-10	$115,900	
Windows								
Aluminum	98%	Now	$17,500	2047	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								
Metal Louvers	2%			2040	* *	10	$200	
Roof								
Metal Panel	100%			2044	* *	10	$60,000	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$1,000	
Ceramic Tile	2%			2034	* *	5	$300	
Vinyl Tile	95%	Now	$8,400	2031	$417,600	3	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Transitions And Entries								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$1,300	
Gypsum Board	95%	0-2	$6,900	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Seams Above Doors								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$12,800	2036	* *	5	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Transition From Main School								
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Site Pavements								
On-Site Walkways								
Asphalt	95%	Now	$10,600	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North, South And East Walkways								
Cast in Place Concrete	5%	Now	$1,800	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Bottom Corner Of Step								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Sides Of Steps								
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Area Around Tree Pit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q MINISCHOOL

Asset # : 2284

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$100	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5		
Molded Case Bkrs	95%			2039	* *	5	$300	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
Fluorescent	20%			2031	$9,600	10	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Compact Flourescent Lights								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$9,300	1-3	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors								

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q MINISCHOOL

Asset # : 2284

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2041	* *	1		
Natural Gas	90%			2041	* *	1		
Conversion Equipment								
Furnace	90%			2026	$33,600	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Radiant Heater	10%	0-2	$1,600	2031	$31,200	2	$400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : No.2 Unit, Hallway								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Some Classrooms								
Explanation : 10 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2029	$189,800	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units. Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,700	
Exhaust Fans								
Roof	10%	0-2	$2,300	2041	* *	2		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2031	$17,100	2		
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Unit Trips Off Easily Due To Lack Of Fresh Air, Mechanical Room								
Sanitary Piping								
Cast Iron	100%	0-2	$3,000	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 60%								
Location : Connection Pipes To The Sinks. Various Locations.								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q MINISCHOOL

Asset # : 2284

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2041	* *	1-2	$3,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 60 - SI**		
Address	: **55 MERRILL AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R060**
Program / Asset #	: **BOE0942.000 / 1418**	**Yr Built/Renovated**	: **1974 / 2010**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1580** **Lot** : **44**	**BIN**	: **5031151**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,002,200	$107,100
Interior Architecture	$230,000	$2,907,700
Electrical	$82,500	$1,189,400
Mechanical	$568,800	$1,475,600
Total	**$2,883,500**	**$5,679,800**
Importance Code A	$2,002,200	$107,100
Importance Code B	$716,600	$5,572,700
Importance Code C	$164,700	
Total	**$2,883,500**	**$5,679,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,100		$8,900	$8,900
Interior Architecture	$85,600	$11,300	$17,300	
Electrical	$5,100	$5,500	$51,500	$4,400
Mechanical	$27,000	$26,600	$59,400	$23,300
Site Enclosure	$21,300			
Site Pavements	$47,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$238,800**	**$47,400**	**$141,100**	**$40,500**
Importance Code A	$55,700	$7,600	$16,600	$16,500
Importance Code B	$70,700	$39,800	$115,800	$24,000
Importance Code C	$112,400		$8,600	
Total	**$238,800**	**$47,400**	**$141,100**	**$40,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%			LIFE	* *	5	$107,100	
Masonry: Brick	70%	0-2	$82,300	LIFE	* *	5	$50,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Penthouse								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$17,800	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$44,000	
Masonry: Brick	45%	0-2	$9,700	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,700	
Roof								
IRMA/Protected Membrane	100%	0-2	$38,400	2026	$1,919,900			
Insul Miss/Displaced, Extent : Light, Area Affected : 5%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2036	* *	5	$17,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,500	
Ceramic Tile	5%			2034	* *	5	$6,600	
Poured Epoxy/Resin	5%			2030	$370,700			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Sheet Vinyl/Rubber	5%			2039	* *	5	$9,900	
Terrazzo	10%			LIFE	* *	5	$10,300	
Vinyl Tile	68%			2031	$2,486,200	3	$33,800	
Wood	2%			2066	* *	5	$5,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Dance Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$33,900	2034	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,900	
Metal Panel	5%			LIFE	* *			
Mosaic Tile	3%			LIFE	* *			
Operable Wall	2%			2041	* *	5	$17,300	
Marble Panels	5%	0-2	$43,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Plaster	45%	Now	$54,000	LIFE	* *	5	$33,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$110,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	65%	0-2	$65,300	2036	* *	5	$50,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Corridors								
AcousTileSusp.Lay-In	10%			2036	* *	5	$12,500	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,900	
Plaster	10%			LIFE	* *	5	$7,800	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2041	* *			
Iron Picket	25%	0-2	$5,200	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	40%			2066	* *			
Masonry: Brick	60%	Now	$4,600	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Containers								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Adjacent To Containers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$11,500	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$22,400	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Asphalt	20%			2044	* *			
Cast in Place Concrete	80%	0-2	$16,000	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$9,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Adjacent To Loading Dock								
Activity Yard								
Asphalt	100%			2044	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Schoolyard								
Explanation : Recent Installation								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2031	$204,800	5	$300	
Fused Disc Sw	10%			2051	* *	5		
Raceway								
Conduit	40%			2031	$80,700	1		
Conduit	60%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Toggle Switch	1%			2030	$2,400	5		
Molded Case Bkrs	89%			2030	$213,200	5	$2,100	
Wiring								
Thermoplastic	90%			2031	$262,600	1		
Thermoplastic	10%			2051	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2044	* *	5	$100	
Locally Mounted	40%			2029	$47,800	5	$200	
Motor Control Center	50%			2029	$147,700	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	5%			2036	* *	10	$4,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium, 1st Floor Lobby, Basement								
Fluorescent	95%			2036	* *	10	$78,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2039	* *	10	$8,700	
Exit, Battery	50%			2031	$63,800	10	$3,000	
Exterior Lighting								
LED	100%			2039	* *			
Alarm								
Security System								
Generic	50%			2031	$84,500	1	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2031	$84,500	1	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$46,400	1-3	$11,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	50%			2041	* *	5	$13,900	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : 1 Of 2 Oil Tanks Is Filled With Foam And Located In Basement								
Interruptible Gas/Dual Fuel	50%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Plate & Frame	30%			2034	* *	1	$13,400	
Other Observation, Extent : Light, Area Affected : 100% *Location : Basement* *Explanation : 2 Units Used For Hydronic Loops*								
Steam Boiler	70%			2036	* *	1	$62,400	
Other Observation, Extent : Light, Area Affected : 100% *Location : Basement* *Explanation : 2 Duel Fuel Steam Boilers*								
Distribution								
Hot Wtr Piping/Pump	30%			2039	* *	4	$1,300	
Central Plant Steam Piping/Pmp	70%			2041	* *	4	$4,700	
Terminal Devices								
Air Handler	30%			2036	* *	1	$16,700	
Convector/Radiator	30%			2036	* *	1	$8,700	
Fan Coil Unit/Heat	40%			2031	$892,600	1	$11,600	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2026	$398,300	1	$12,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100% *Location : Basement, Chiller Room* *Other Observation, Extent : Light, Area Affected : 100%* *Location : Basement* *Explanation : 2 Air Cooled Chillers*								
Split Unit	2%			2031	$42,700			
Other Observation, Extent : Light, Area Affected : 100% *Location : Main Distribution Frame Room* *Explanation : 1 Direct Expansion Split Unit*								
Window/Wall Unit	50%			2026	$170,500	1		
No Component	10%							
Under Construction	8%							
Other Observation, Extent : Light, Area Affected : 0% *Location : Cafeteria* *Explanation : 6 Direct Expansion Split Units Are Planned For Installation.*								
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2041	* *	4	$2,000	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2031	$471,500	1	$16,700	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	30%			2031	$111,500	2	$18,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,200	
Exhaust Fans								
Interior	30%			2036	* *	2	$800	
Roof	70%			2036	* *	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$13,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Pipe Fittings In Basement Crawl Space								
Sump Pump(s)								
Non-Submersible	100%			2031	$18,000	4	$1,900	
Sewage Ejector(s)								
Electric	100%	Now	$2,400	2036	* *	4	$3,600	
Broken, Extent : Light, Area Affected : 10%								
Location : 2 Defective Floats At Pumps In Basement								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : Toilets And Urinals Upgraded In 2018								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Unit - Not In Service								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$47,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$2,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 61 - M**		
Address	: **610 EAST 12 STREET @AVENUE B**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M061**
Program / Asset #	: **BOE0038.000 / 1701**	**Yr Built/Renovated**	: **1913 / 2013**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **394** **Lot** : **12**	**BIN**	: **1079053**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$278,300	$670,800
Interior Architecture	$557,800	$1,139,100
Electrical	$99,800	$818,600
Mechanical	$72,100	$1,559,900
Total	**$1,008,000**	**$4,188,400**
Importance Code A	$278,300	$670,800
Importance Code B	$400,500	$3,517,500
Importance Code C	$329,300	
Total	**$1,008,000**	**$4,188,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,700	$3,000		
Interior Architecture	$155,200		$16,100	$3,800
Electrical	$18,900	$7,900	$7,300	$8,500
Mechanical	$33,700	$13,200	$18,700	$13,200
Site Enclosure	$28,100			
Total	**$260,700**	**$24,100**	**$42,000**	**$25,500**
Importance Code A	$32,300	$10,400	$7,400	$7,400
Importance Code B	$145,100	$13,700	$34,600	$18,100
Importance Code C	$83,300			
Total	**$260,700**	**$24,100**	**$42,000**	**$25,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$123,700	
Copper/Terne	5%			2053	* *	10	$18,600	
Masonry: Brick	83%	Now	$216,400	LIFE	* *	5	$131,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Foundation Wall, Kitchen Exhaust								
Worn/Eroded, Extent : Moderate, Area Affected : 2%								
Location : Basement Foundation Wall								
Granite Panels	5%			LIFE	* *	5	$11,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Base Of Building								
Explanation : Covered In Paint								
Marble Panels	2%			LIFE	* *	5	$4,800	
Windows								
Aluminum	99%			2055	* *	5	$5,900	
Metal Louvers	1%			2042	* *	10	$400	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5-10	$2,200	
Masonry: Brick	75%			LIFE	* *	5-10	$2,000	
Metal Security Bars	5%			2061	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Courtyard Parapets								
Explanation : This Is Actually And Iron Picket Fence								
Roof								
Built-Up (BUR)	65%			2033	$477,600	10	$40,900	
Copper/Terne	5%			2048	* *	10	$7,900	
Paver: Asphalt	30%	Now	$13,100	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement And Stairs								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2032	$108,500	3	$9,200	
Cast in Place Concrete	5%			LIFE	* *	5	$26,800	
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : Boiler Pit Area								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2042	* *	5	$6,100	
Quarry Tile	5%			2046	* *	5	$9,200	
Terrazzo	5%	4+	$57,400	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	0-2	$73,200	2043	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	55%			2038	* *	3	$25,300	
Recent Installation, Extent : N/A, Area Affected : 60%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%			2033	$1,083,100	3	$3,100	
Wood	10%			2048	* *	5	$23,000	
Interior Walls								
Ceramic Tile	10%	0-2	$48,600	2042	* *	5	$8,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwells And Bathrooms								
Glass: Single Pane	5%			LIFE	* *	5	$13,200	
Masonry: Brick	10%	Now	$168,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Foundation Walls								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement Foundation Walls								
Plaster	75%	Now	$161,100	LIFE	* *	5	$39,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 5th Floor Classrooms								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Corner Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs								

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DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2038	* *	5	$6,100	
Exposed Struc: Concrete	5%	Now	$46,000	LIFE	* *	5	$1,000	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room								
Exposed Struc: Steel	5%			LIFE	* *	10	$12,300	
Exposed Struc: Steel	10%			LIFE	* *	10	$24,500	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : Corugated Metal Barrel Vault								
Metal Panel	2%			LIFE	* *	5	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Metal Ceiling Tiles								
Plaster	73%			LIFE	* *	5-10	$154,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$28,100	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Play Yard Gate								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	65%			2046	* *			
Rubber Matting	35%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	90%			2055	* *	5	$1,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$99,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2059	* *	1		
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2041	* *	10	$61,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$62,900	10	$9,100	
Exit, Service	50%			2028	$16,200	1		
Exterior Lighting								
HID	20%			2028	$70,000	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$140,800	1	$28,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$193,500	1-3	$47,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bell, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$74,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%	Now	$72,100	2043	* *			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Piping In Basement								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Mechanical Rooms								
Steam Piping/Pump	80%			2033	$480,500			
Terminal Devices								
Air Handler	10%			2028	$141,100	1	$4,600	
Convector/Radiator	70%			2031	$429,300	1	$17,000	
Convector/Radiator	15%			2046	* *	1	$3,600	
Unit Heater - Steam	5%			2038	* *	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	15%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Auditorium And Partial Of 5th Floor								
Window/Wall Unit	60%	0-2	$8,500	2031	$170,500	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2038	* *	1	$3,600	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2038	* *	2	$7,800	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$6,600	
No Component	90%							
Exhaust Fans								
Roof	10%			2033	$14,600	2	$200	
No Component	90%							

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DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	14%	Now	$2,700	2043	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : No Hot Water Return								
Explanation : No Hot Water Return								
Brass/Copper	56%			2043	* *	1		
Galvanized Steel	30%			2031	$287,200	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 100 Gallon Unit Is Being Used, An Other One 100 Gallon Unit Has Standed By For 2 Years.								
Sanitary Piping								
Cast Iron	5%	0-2	$2,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$3,000	2043	* *	4	$1,600	
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : Basement								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 35%								
Location : Various Locaions								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$31,100	1-2	$600	
Chemical System								
Generic	100%			2032	$40,800	1-3	$37,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 62 - Q**		
Address	: **97-25 108 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q062**
Program / Asset #	: **BOE0717.000 / 554**	**Yr Built/Renovated**	: **1955 / 2003**
Area Sq Ft	: **107,384**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **9410** **Lot** : **1**	**BIN**	: **4197909**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,258,300	$2,182,600
Interior Architecture	$181,300	$200,600
Electrical	$205,100	$2,323,800
Mechanical	$203,400	$1,470,500
Total	**$1,848,200**	**$6,177,500**
Importance Code A	$1,258,300	$2,182,600
Importance Code B	$486,200	$3,994,900
Importance Code C	$103,600	
Total	**$1,848,200**	**$6,177,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,000	$6,900	$6,100	$33,800
Interior Architecture	$124,700	$41,600		$35,300
Electrical	$34,400	$15,600	$11,800	$11,100
Mechanical	$51,400	$42,200	$38,200	$38,100
Site Enclosure	$13,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$294,300**	**$110,300**	**$60,000**	**$122,200**
Importance Code A	$77,400	$17,500	$16,700	$44,700
Importance Code B	$136,900	$92,800	$43,300	$77,500
Importance Code C	$80,000			
Total	**$294,300**	**$110,300**	**$60,000**	**$122,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%	Now	$4,000	LIFE	* *	5	$11,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Penthouse Walls								
Masonry: Brick	40%	Now	$134,800	LIFE	* *	5	$32,700	
Graffiti, Extent : Light, Area Affected : 2%								
Location : Along 108th Street								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : 1955 Wing. Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1955 Wing West Facade								
Masonry: Brick Cavity	20%	Now	$71,300	LIFE	* *	5	$16,400	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Along 108th Street 3rd Floor Classrooms.1991 Addition								
Masonry: Brick Cavity	25%			LIFE	* *	5	$20,500	
Pre-Cast Concrete	10%	Now	$11,900	LIFE	* *	5	$26,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : 3rd Floor Classrooms. Window Openings								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Classrooms. Window Openings								
Window Wall	2%			2052	* *	5	$6,100	
Windows								
Aluminum	93%	Now	$989,400	2057	* *	5	$9,000	
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Rooms 102, 140, 140a, 240								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : Along 108th Street								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Third Floor 1991 Addition								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Third Floor 1991 Addition								
Other Observation, Extent : Light, Area Affected : 100%								
Location : North And South Facing Windows.1955,1991 Additions								
Explanation : Protective Metal Grilles								
Metal Louvers	2%			2041	* *	10	$2,400	
Steel	5%			2031	$72,900	5	$12,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$5,300	
Masonry: Brick	10%	Now	$7,500	LIFE	* *	5	$1,200	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Interior Parapet Walls. 2001 Addition								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Interior Parapet Walls. 2001 Addition								
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Panel	5%			2042	* *	5	$2,300	
Metal Rail	10%			2037	* *	5-10	$21,400	
Metal: Cage/Fence	10%			2045	* *	5-10	$9,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Stucco Cement	10%			2045	* *	5	$3,100	
Roof								
Built-Up (BUR)	55%	0-2	$42,600	2032	$852,600			
Blisters, Extent : Light, Area Affected : 10%								
Location : New Wing Roof								
Copper/Terne	5%			2047	* *	10	$16,600	
IRMA/Protected Membrane	40%	Now	$62,900	2032	$1,257,100			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 2%								
Location : 3rd Floor Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Into 3rd Floor Along 108th Street								
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Mosaic Tile	5%			2045	* *	5	$20,100	
Quarry Tile	2%			2045	* *	5	$4,800	
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	45%			2037	* *	3	$27,100	
Vinyl Tile	35%	Now	$77,700	2037	* *	3	$21,100	
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor Corridors 2001 Wing								
Vinyl Tile 9" X 9"	3%	Now	$42,600	2042	* *	3	$1,800	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Classrooms 107, 140a, 240								
Wood	5%			2047	* *	5	$15,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$34,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : New Wing Mechanical Room								
Concrete Masonry Unit	30%	Now	$103,600	LIFE	* *	5	$22,000	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Basement Corridor								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	35%	Now	$31,300	LIFE	* *	5	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classrooms Along 108th Street								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2037	* *	5	$40,200	
AcousTileSusp.Lay-In	25%			2045	* *	5	$40,200	
Exposed Struc: Concrete	20%			LIFE	* *	5	$5,000	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	8%			2032	$200,600			
Metal Panel	3%	Now	$16,000	LIFE	* *	5	$6,000	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	17%			LIFE	* *	5	$17,100	
Site Enclosure								
Fence/Gates								
Aluminum Picket	10%	Now	$1,500	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Gate								
Chain Link	90%	Now	$12,200	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Basketball Court								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Concrete Curbs That Anchor Fence Posts								
Explanation : Cracking / Crumbling								
Free Standing Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Pavers/Stone	10%			2041	* *			
Rubber Matting	10%			2037	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Side Playground								
Traffic Topping	80%			2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : 109th Street Play Yard. Various Locations								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Side Yard Adjacent Rear Corner Of New Wing								
Explanation : Sinking Subsiding, Water Pen Into Basement								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 5000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	80%			2032	$195,000	1		
Conduit	20%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Fused Toggle Switch	10%	0-2	$24,000	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1st Floor								
Molded Case Bkrs	50%			2031	$119,700	5	$1,400	
Molded Case Bkrs	30%			2040	* *	5	$800	
Wiring								
Braided Cloth	60%	2-4	$205,100	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section Of The Building								
Thermoplastic	20%			2042	* *	1		
Thermoplastic	20%			2032	$68,400	1		
Motor Controllers								
Locally Mounted	50%			2030	$90,700	5	$400	
Locally Mounted	50%			2037	* *	5	$400	

Ground

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$33,000	
Generators								
Diesel	100%			2035	* *	1	$41,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 275 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,000	
Fuel Storage								
Day Tank	30%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Rating Capacity								
Main Tank	70%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	74%			2032	$1,184,600	10	$72,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	$32,000	10	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria								
Explanation : Compact Fluorescent Lights								
Fluorescent	20%			2032	$320,200	10	$19,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Explanation : T-5 Lamps								
HID	2%			2032	$25,400	10	$100	
LED	2%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2032	$33,100	1		
Exit, Service	50%			2032	$23,200	1		
Exterior Lighting								
HID	15%			2032	$75,200	10		
LED	15%			2040	* *			
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$60,500	1	$12,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$83,100	1-3	$19,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	90%			2045	* *	1	$95,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	10%	Now	$1,900	2045	* *	1	$9,600	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : No.2 Burner, Boiler Room								
Explanation : Noisy And Viberating								
Distribution								
Steam Piping/Pump	100%	Now	$17,200	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Old Wing Fan Room And New Wing Fan Room								
Terminal Devices								
Air Handler	25%			2032	$505,200	1	$16,600	
Air Handler	20%			2037	* *	1	$13,300	
Convector/Radiator	55%			2037	* *	1	$19,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2032	$475,300	1	$14,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Sets, Penthouse								
Window/Wall Unit	50%			2027	$203,400	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2042	* *	4	$1,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2037	* *	1	$19,900	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2032	$118,300	2	$22,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$41,900	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$18,000	
Exhaust Fans								
Interior	40%			2032	$190,500	2	$1,300	
Roof	60%			2032	$125,000	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Damaged, Extent : Severe, Area Affected : 100%								
Location : New Replacement Unit Has Arrived, Basement.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$2,200	2032	$21,500	4	$2,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 50%								
Location : The Unit In New Wing Fan Room								
Sewage Ejector(s)								
Electric	100%			2032	$56,200	4	$6,400	
Backflow Preventer								
Generic	100%			2032	$48,000	1	$6,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$54,100	
Sprinkler								
No Component	60%							
Generic	40%			2042	* *	1-2	$12,000	
Fire Pump								
No Component	70%							
Generic	30%			2035	* *	1	$6,000	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 63 - M**		
Address	: **121 EAST 3 STREET BTWN: 1 AVE., AVE. A**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M063**
Program / Asset #	: **BOE0039.000 / 1675**	**Yr Built/Renovated**	: **1905 / 2017**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **431** **Lot** : **14**	**BIN**	: **1005760**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$491,500	$228,400
Interior Architecture	$1,369,400	$137,000
Electrical	$467,200	$2,118,700
Mechanical	$262,000	$1,977,600
Total	**$2,590,200**	**$4,461,700**
Importance Code A	$639,600	$228,400
Importance Code B	$1,020,100	$4,153,200
Importance Code C	$930,400	$80,000
Total	**$2,590,200**	**$4,461,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$55,300			
Interior Architecture	$84,500			$10,100
Electrical	$15,200	$7,900	$8,300	$10,500
Mechanical	$150,100	$11,300	$21,000	$11,300
Site Pavements	$4,000			$600
Total	**$309,000**	**$19,300**	**$29,300**	**$32,500**
Importance Code A	$55,300	$8,400	$8,400	$8,400
Importance Code B	$253,700	$10,800	$20,800	$23,500
Importance Code C				$600
Total	**$309,000**	**$19,300**	**$29,300**	**$32,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$218,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Masonry: Brick	85%			LIFE	* *	5	$238,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Masonry: Limestone	5%			LIFE	* *	5	$10,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Windows								
Aluminum	100%	Now	$174,300	2049	* *	5	$18,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : Throughout 3rd And 4th Floors								
Parapets								
Cast Stone/Terra Cotta	35%			LIFE	* *	5-10	$121,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Masonry: Brick	60%			LIFE	* *	5-10	$50,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,700	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Roof								
Copper/Terne	5%	4+	$3,200	2061	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Roof								
Metal Panel	5%			2050	* *	10	$4,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof Mechanical Bulkheads								
Modified Bitumen	65%			2038	* *	10	$31,300	
Ponding, Extent : Light, Area Affected : 5%								
Location : Roof Near Mechanical Bulkheads								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roof Was Coated And Patched								
Paver: Asphalt	25%			2042	* *	10	$18,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Courtyard								
Explanation : Auditorium Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	4+	$159,300	LIFE	* *	5	$41,000	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Basement								
Mosaic Tile	8%	4+	$46,900	2038	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen, All Bathrooms Cracked								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Kitchen, All Bathrooms								
Marble Panels	2%	Now	$11,000	LIFE	* *	5	$1,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Main Entrance Marble Mosaic								
Vinyl Tile	65%	2-4	$224,300	2038	* *	3	$30,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Main Lobby, Corridors Throughout And Classrooms On 2nd Floor								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Lobby								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Classrooms Due To Flood								
Wood	10%			2048	* *	5	$23,400	
Interior Walls								
Ceramic Tile	10%	4+	$146,800	2036	* *	5	$26,700	
Worn/Eroded, Extent : Light, Area Affected : 30%								
Location : Kitchen And All Bathrooms								
Glass: Single Pane	5%	Now	$161,800	LIFE	* *	5	$20,000	
Glazing Broken/Cracked, Extent : Severe, Area Affected : 20%								
Location : Stairs								
Masonry: Brick	10%	Now	$203,200	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Marble Panels	5%	Now	$235,300	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Stairwells								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairwells								
Plaster	50%	Now	$129,800	LIFE	* *	5	$80,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Classroom 207								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$53,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$18,700	
Exposed Struc: Steel	10%			LIFE	* *	10	$25,000	
Metal Panel	2%	4+	$1,700	LIFE	* *	5	$3,100	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : This Is Actually A Metal Ceiling Tile								
Plaster	73%	Now	$55,500	LIFE	* *	5	$57,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : Classroom 207								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	70%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Retaining Walls At Window Wells								
Cast in Place Concrete	10%			2068	* *			
Masonry: Fieldstone	20%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$4,000	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 3rd Street								
On-Site Walkways								
Cast in Place Concrete	30%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Paver: Asphalt	65%			2042	* *	5	$1,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Toggle Switch	5%	2-4	$12,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Auditorium								
Molded Case Bkrs	80%			2032	$191,600	5	$1,800	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	85%	2-4	$248,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2043	* *	1		
Motor Controllers								
Locally Mounted	85%			2031	$101,500	5	$500	
Locally Mounted	15%			2038	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$1,203,700	10	$74,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2033	$63,400	10	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Staircase								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Battery	50%			2033	$71,300	10	$10,300	
Exit, Service	50%			2033	$18,300	1		
Exterior Lighting								
HID	30%			2038	* *	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$31,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Courtyard, Front Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$219,300	2043	* *	1-3	$47,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells								

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$19,500	2043	* *	1		
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 8,000 Gallon Tank For No.2 Fuel Oil, Gas Valve Is Not Working In No.2 Boiler								
Conversion Equipment								
Steam Boiler	100%	Now	$148,200	2038	* *	1	$75,800	
Controller Not Working, Extent : Severe, Area Affected : 2%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler No. 2 Is Not Operational, Rusted And Water Damaged.								
Distribution								
Steam Piping/Pump	100%	Now	$34,000	2033	$680,700			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Explanation : Chemical And Water Feeder Pumps								
Terminal Devices								
Convector/Radiator	100%	Now	$34,800	2031	$695,100	1	$24,700	
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Various Locations								
Explanation : Regulator And Steam Traps Malfunction								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2028	$241,500	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%	Now	$60,300	2033	$301,600	2	$1,700	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : Building Exhaust System Trip Off. Bathroom Exhust Fan Out Off Order.								
Roof	20%	Now	$16,500	2041	* *	2	$400	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Roof								
Explanation : One Kitchen Exhaust Out Of Order								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2043	* *	1		
Galvanized Steel	50%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%	2-4	$17,100	2033	$17,100	2		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Basement								
HW Heat Exchanger								
HTHW/HW	100%			2043	* *			
Sanitary Piping								
Cast Iron	100%	Now	$53,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Second Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$500	2026	$2,600	4	$1,800	
Controller Not Working, Extent : Severe, Area Affected : 20%								
Location : Basement								
Fixtures								
Generic	100%							
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Fourth Floor And Second Floor								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$58,800	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 63 - Q**		
Address	: **90-15 SUTTER AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q063**
Program / Asset #	: **BOE0718.000 / 555**	**Yr Built/Renovated**	: **1926 / 1999**
Area Sq Ft	: **118,840**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Sep-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9155** **Lot** : **25**	**BIN**	: **4190727**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$333,900	$176,200
Interior Architecture	$7,941,700	$97,300
Electrical	$301,300	$605,200
Mechanical	$1,718,800	$1,676,400
Total	**$10,295,700**	**$2,555,100**
Importance Code A	$333,900	$250,200
Importance Code B	$9,961,800	$2,304,900
Total	**$10,295,700**	**$2,555,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,300	$12,100		$8,800
Interior Architecture	$51,300	$31,800		$21,100
Electrical	$4,000	$3,500	$4,300	$4,500
Mechanical	$39,700	$18,300	$26,200	$20,500
Site Enclosure	$22,300			
Site Pavements	$22,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$192,000**	**$69,700**	**$34,400**	**$58,900**
Importance Code A	$58,900	$22,700	$10,600	$19,600
Importance Code B	$95,500	$46,900	$23,800	$39,300
Importance Code C	$37,600			
Total	**$192,000**	**$69,700**	**$34,400**	**$58,900**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$81,900	
Masonry: Brick	15%	Now	$185,000	LIFE	* *	5	$22,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 5%								
Location : Various Locations Covering Graffiti								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East Facade, Rooms 215, 315, Boiler Room								
Masonry: Brick	48%			LIFE	* *	5	$71,900	
Masonry: Brick Cavity	20%			LIFE	* *	5	$30,000	
Marble Panels	2%			LIFE	* *	5	$2,200	
Pre-Cast Concrete	4%	2-4	$8,700	LIFE	* *	5	$19,500	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : New Rear Extension								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : New Rear Extension								
Pre-Cast Concrete	4%	2-4	$8,700	LIFE	* *	5	$19,500	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout Base Of Exterior Walls								
Windows								
Aluminum	98%			2048	* *	5	$28,600	
Metal Louvers	2%			2041	* *	10	$3,700	
Parapets								
Masonry: Brick Cavity	80%	2-4	$21,900	LIFE	* *	5	$10,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Exterior Of Parapets								
Metal Panel	5%			2052	* *	5	$2,600	
Metal Rail	5%			2037	* *	5-10	$12,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,600	
Roof								
Built-Up (BUR)	47%	2-4	$9,100	2037	* *			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 5%								
Location : Main Roof								
Clay Tile	15%	Now	$58,500	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1926 Wing, Gymnasium And Auditorium								
Copper/Terne	3%			2060	* *	10	$6,200	
Metal Panel	8%			2045	* *	10	$12,100	
Modified Bitumen	25%	Now	$90,400	2037	* *			
Ponding, Extent : Light, Area Affected : 5%								
Location : 2000 Wing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 2000 Wing								
Skylight, Plastic	2%			2045	* *	1		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$97,300	
Mosaic Tile	3%			2037	* *	5	$13,300	
Quarry Tile	9%			2045	* *	5	$24,000	
Terrazzo	2%			LIFE	* *	5	$2,800	
Vinyl Tile	9%			2037	* *	3	$6,000	
Vinyl Tile	25%	0-2	$24,600	2037	* *	3	$16,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Connection To New 2000 Wing								
Vinyl Tile 9" X 9"	25%			2027	$7,848,400	3	$22,200	
Wood	2%			2047	* *	5	$6,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	0-2	$9,000	2041	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Old Bathrooms								
Glazed Ceramic Panel	10%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$14,700	
Metal: Cage/Fence	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	8%	0-2	$6,300	LIFE	* *	5	$3,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 215, 217								
Plaster	40%			LIFE	* *	5	$19,500	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2045	* *	5	$35,600	
AcousTileSusp.Lay-In	10%	0-2	$5,900	2045	* *	5	$8,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Classrooms In 2000 Wing								
Exposed Struc: Concrete	20%			LIFE	* *	5	$5,600	
Exposed Struc: Concrete	7%	Now	$93,300	LIFE	* *	5	$1,900	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Under Front Steps And Basement Shop								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room, Under Front Steps, Under Sidewalk								
Metal Panel	3%			LIFE	* *	5	$6,700	
Plaster	40%			LIFE	* *	5	$44,500	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$15,500	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Iron Picket	50%	4+	$6,800	2067	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	100%	Now	$22,400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	70%			2032	$170,600	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$300	
Molded Case Bkrs	60%			2031	$143,700	5	$1,900	
Molded Case Bkrs	30%			2048	* *	5	$900	
Wiring								
Braided Cloth	30%	2-4	$102,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	30%			2052	* *	1		
Thermoplastic	40%			2032	$136,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%			2030	$54,400	5	$200	
Locally Mounted	20%			2045	* *	5	$200	
Variable Frequency Drive	50%			2045	* *			
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$106,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2032	$14,100	10		
Incandescent	1%			2032	$32,900	2		
Egress Lighting								
Emergency, Battery	50%			2032	$99,700	10	$14,300	
Exit, Service	50%			2032	$25,600	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$13,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$92,000	1-3	$22,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2052	* *	1		
Interruptible Gas/Dual Fuel	80%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%			2032	$73,900	1	$11,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 6 Rooftop Package Units								
Steam Boiler	80%			2045	* *	1	$94,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	80%			2032	$761,300			
No Component	20%							
Terminal Devices								
Air Handler	15%			2027	$335,500	1	$11,000	
Convector/Radiator	40%			2030	$388,700	1	$15,400	
Fan Coil Unit/Heat	25%			2027	$736,600	1	$9,600	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%	0-2	$20,000	2032	$399,300	2	$1,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Leaks Via Ductwork, New Wing Floors								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Rooftop Units, New Wing Roof								
Window/Wall Unit	50%			2027	$225,100	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$53,000	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$13,300	
Exhaust Fans								
Interior	80%			2027	$421,700	2	$2,900	
Roof	20%			2032	$46,100	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 1%								
Location : Boiler Room								
Explanation : 1 Abandoned Unit Remains								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	0-2	$3,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Grease Trap, Kitchen								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,800	
Backflow Preventer								
Generic	100%			2032	$53,100	1	$7,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2052	* *	1-5	$12,000	
Sprinkler								
No Component	75%							
Generic	25%			2042	* *	1-2	$8,300	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 64 - M (OLD 71 - M)**		
Address	: **600 EAST 6 STREET BTWN: AVE. B, AVE. C**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M064**
Program / Asset #	: **BOE0040.000 / 2771**	**Yr Built/Renovated**	: **1954 / 2010**
Area Sq Ft	: **134,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **387** **Lot** : **1**	**BIN**	: **1004627**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,702,700	$1,561,500
Interior Architecture	$22,646,800	$951,700
Electrical	$187,600	$457,000
Mechanical	$308,500	$3,029,800
Site Pavements	$65,000	$73,200
Total	**$24,910,600**	**$6,073,200**
Importance Code A	$1,819,500	$1,561,500
Importance Code B	$22,696,500	$4,511,600
Importance Code C	$394,600	
Total	**$24,910,600**	**$6,073,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,700		$3,600	
Interior Architecture	$155,200		$38,800	$29,400
Electrical	$16,200	$12,500	$15,400	$12,500
Mechanical	$144,000	$34,900	$43,800	$54,000
Site Enclosure	$17,700			
Site Pavements	$42,400			
Total	**$442,200**	**$47,400**	**$101,700**	**$96,000**
Importance Code A	$66,700	$13,300	$16,800	$13,300
Importance Code B	$276,700	$34,100	$84,800	$78,000
Importance Code C	$98,800			$4,700
Total	**$442,200**	**$47,400**	**$101,700**	**$96,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OLD 71 - M)

Asset # : 2771

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$460,700	LIFE	* *	5	$111,900	
Diagonal Cracks, Extent : Severe, Area Affected : 1%								
Location : Corner Of East 4th Street And Avenue B								
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : Bulkheads								
Vegetation Growth, Extent : Severe, Area Affected : 10%								
Location : East 6th Street								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Stair C								
Masonry: Limestone	5%	2-4	$46,400	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Avenue B Entrance								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Horizontal Band At Ground Floor And Window Sills								
Windows								
Aluminum	95%	Now	$917,300	2049	* *	5	$32,100	1
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Severe, Area Affected : 25%								
Location : Latches Missing Throughout								
Metal Louvers	5%			2042	* *	10	$21,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$22,400	
Masonry: Brick	90%	Now	$179,800	LIFE	* *	5	$14,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal: Cage/Fence	5%			2046	* *	5-10	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Explanation : Roof Garden								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OLD 71 - M)

Asset # : 2771

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	92%	Now	$145,000	2033	$1,449,700			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over 3rd Floor Principals Office And Bulkheads								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Over 3rd Floor Roof								
Explanation : Rooftop Garden								
Modified Bitumen	5%	Now	$1,500	2038	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Skylight, Metal/Glass	3%			2043	* *	10	$13,500	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$5,100	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$44,200	LIFE	* *	5	$22,800	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Room B64								
Ceramic Tile	5%			2042	* *	5	$10,400	
Terrazzo	5%			LIFE	* *	5	$16,300	
Vinyl Tile	15%	Now	$43,100	2033	$862,100	3	$11,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 3%								
Location : Classrooms 304 And 310								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Library And Classrooms 304 And 310								
Vinyl Tile 9" X 9"	60%	Now	$22,031,400	2043	* *	3	$46,800	
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Wood	10%	Now	$62,000	2048	* *	5	$19,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Classroom 313								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OLD 71 - M)

Asset # : 2771

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$23,500	
Ceramic Tile	5%			2042	* *	5	$9,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$15,100	
Glazed Ceramic Panel	3%			LIFE	* *	10	$5,100	
Masonry: Brick	5%	Now	$179,300	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Mechanical Bulkhead								
Plaster	47%	Now	$215,300	LIFE	* *	5	$26,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stair Bulkheads At Roof Level And Principals Offices.								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Sub-basement And Stair Bulkhead								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$23,500	
Ceilings								
AcousTile,Adhered	20%			2046	* *	5	$47,800	
AcousTileConcealSpLn	10%			2046	* *	5	$29,900	
Exposed Struc: Concrete	10%	Now	$71,600	LIFE	* *	5	$3,700	
Water Penetration, Extent : Severe, Area Affected : 1%								
Location : Basement Hatch From Sidewalk								
Plaster	60%	Now	$87,200	LIFE	* *	5	$89,600	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Principals Office On 3rd Floor And Room 314								
Site Enclosure								
Fence/Gates								
Cast Iron Rail	60%	4+	$12,100	2043	* *	5	$20,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : East 6th Street								
Chain Link	40%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	100%	4+	$5,600	2068	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Facing Playground								
Graffiti, Extent : Severe, Area Affected : 25%								
Location : Facing Playground								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$17,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : East 5th Street And Avenue B								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OLD 71 - M)

Asset # : 2771

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$6,100	2046	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Ramp Area At Railing Post								
Masonry: Granite	10%	Now	$15,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : At Steps								
Activity Yard								
Asphalt	50%	4+	$15,500	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Big Yard, Between East 5th And East 4th Streets								
Asphalt	40%	0-2	$49,500	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Small Yard, North Of East 5th Street								
Rubber Matting	10%	Now	$3,700	2033	$73,200			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Small Yard								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,200 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	40%			2053	* *	1		
Conduit	60%			2033	$173,300	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$200	
Molded Case Bkrs	95%			2049	* *	5	$3,400	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$163,300	5	$800	
Locally Mounted	5%			2046	* *	5		
Variable Frequency Drive	5%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Lighting								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OLD 71 - M)

Asset # : 2771

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$120,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2038	* *	10	$12,900	
Exit, Battery	50%			2038	* *	10	$4,500	
Exterior Lighting								
HID	30%	Now	$187,600	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof, Building Perimeter								
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$50,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$82,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$116,800	2038	* *	1	$119,400	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Sight Glass Lever And Overflow Pipe Leaks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OLD 71 - M)

Asset # : 2771

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$107,300	2043	* *			
Controller Not Working, Extent : Severe, Area Affected : 15%								
Location : Basement, Fire Pumps Room And Room B64								
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Basement								
Explanation : Total Three Condensate Pumps. All Three Pums Have Control Mulfunction And Leaks.								
Terminal Devices								
Air Handler	25%			2033	$630,400	1	$20,700	
Convector/Radiator	75%			2038	* *	1	$32,500	
Air Conditioning								
Energy Source								
Electricity	100%	Now	$14,200	2041	* *	1		
Conversion Equipment								
Split Unit	2%			2033	$63,600			
Other Observation, Extent : N/A, Area Affected : 1%								
Location : Roof								
Explanation : For Computer Room								
Window/Wall Unit	75%	Now	$7,600	2028	$380,700	1		
Broken, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
No Component	23%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$118,300	
Exhaust Fans								
Interior	100%			2033	$594,300	2	$4,100	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galvanized Steel	70%			2031	$1,197,500	1		
Galvanized Steel	10%			2046	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Work In Progress								
Water Heater With Tanks								
Electric	100%	0-2	$23,600	2033	$23,600	4		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 225 Gallons Hot Water Heater Removed And Replaced By A 60 Gallons Electrical Water Heater. It Is Not Sufficient For This Facility.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OLD 71 - M)

Asset # : 2771

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$84,400	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Auditorium, Gymnasium								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$5,400	2033	$26,800	4	$2,800	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Under The Stair Shaft								
Backflow Preventer								
Generic	100%			2038	* *	1	$8,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement								
Explanation : Three Backflow Preventers								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Gymnasium								
Explanation : Two Fountains Are Broken								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$9,400	
Fire Pump								
Generic	100%	Now	$12,800	2036	* *	1	$22,500	
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Sub-basement								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Sub-basement								
Explanation : Jockey Pumps Discharging Water, Fire Pump Seal Water Overflow Drain Clogs.								
Chemical System								
Wet	100%			2028	$163,200	1-3	$185,800	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Kitchen								
Explanation : Ansul System Covers 40 Square Feet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 64 - Q**
Address : **82-01 101 AVENUE BTWN: 82 ST., 83 ST.**
Borough : **QUEENS**
Agency's Number : **Q064**
Program / Asset # : **BOE0719.000 / 556**
Yr Built/Renovated : **1939 / 2011**
Area Sq Ft : **68,828**
Project Type : **EDUCATION**
Date of Survey : **04-Feb-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **9053** **Lot** : **14** **BIN** : **4188214**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$199,700	$553,200
Interior Architecture	$78,300	$796,900
Electrical	$99,800	$1,093,000
Mechanical	$327,200	$2,553,500
Total	**$705,000**	**$4,996,500**
Importance Code A	$199,700	$553,200
Importance Code B	$505,300	$4,443,300
Total	**$705,000**	**$4,996,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$91,700	$8,400	$25,000	
Interior Architecture	$227,900		$12,600	$8,100
Electrical	$9,800	$7,400	$10,000	$8,200
Mechanical	$41,300	$11,800	$15,000	$18,300
Site Pavements	$23,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$397,800**	**$31,500**	**$66,500**	**$38,500**
Importance Code A	$91,700	$8,400	$25,000	
Importance Code B	$196,100	$23,100	$41,500	$38,500
Importance Code C	$110,000			
Total	**$397,800**	**$31,500**	**$66,500**	**$38,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	35%			LIFE	* *	5	$75,200	
Masonry: Brick	58%	4+	$102,600	LIFE	* *	5	$62,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Foundation Wall Off 83rd Street, Room 158 And 157								
Masonry: Granite	2%			LIFE	* *	5	$3,200	
Masonry: Limestone	5%			LIFE	* *	5	$8,100	
Windows								
Aluminum	35%			2049	* *	5	$9,100	
Aluminum	65%			2055	* *	5	$16,900	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$47,000	
Masonry: Brick	10%			LIFE	* *	5-10	$15,600	
Masonry: Brick	63%			LIFE	* *	5-10	$98,100	
Masonry: Limestone	2%			LIFE	* *	5-10	$5,600	
Metal Rail	10%			2046	* *	5-10	$41,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$14,300	
Roof								
Built-Up (BUR)	65%	4+	$8,300	2038	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Small Roof Above Main Entrance On 83rd Street								
IRMA/Protected Membrane	35%			2033	$453,300	10	$19,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$45,100	
Ceramic Tile	5%			2042	* *	5	$5,200	
Quarry Tile	2%			2038	* *	5	$3,100	
Terrazzo	15%			LIFE	* *	5	$24,100	
Vinyl Tile	15%	0-2	$42,700	2038	* *	3	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	28%			2033	$796,900	3	$14,400	
Wood	5%			2061	* *	5	$9,700	
Wood	20%			2048	* *	5	$38,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$11,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,600	
Gypsum Board	10%			LIFE	* *	5-10	$16,100	
Masonry: Brick	10%			LIFE	* *	10	$2,800	
Plaster	40%	Now	$46,200	LIFE	* *	5	$11,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$11,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2046	* *	5	$15,500	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$19,300	
Exposed Struc: Steel	10%			LIFE	* *	10	$20,600	
Gypsum Board	10%			LIFE	* *	5-10	$35,400	
Plaster	50%	0-2	$78,300	LIFE	* *	5	$32,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%	4+	$11,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%	4+	$11,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2033	$18,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	60%			2033	$27,200	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	10%			2053	* *	1		
Conduit	90%			2033	$130,100	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	80%			2032	$143,700	5	$1,500	
Molded Case Bkrs	10%			2049	* *	5	$200	
Wiring								
Braided Cloth	50%	2-4	$99,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2033	$79,800	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$21,200	
Generators								
Natural Gas	100%			2029	$138,700	1	$26,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Roof								
Explanation : One 100 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$60,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2028	$16,300	10		
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	30%			2038	* *	1		
Emergency, Battery	20%			2038	* *	10	$3,300	
Exit, Service	30%			2028	$8,900	1		
Exit, Service	20%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$96,300	10	$100	
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2033	$64,600	1	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$64,600	1	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Distribution								
Steam Piping/Pump	100%	0-2	$55,100	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Two Circulating Pumps Are Leaking And Steam Piping Is Leaking In Machine Room								
Terminal Devices								
Air Handler	20%			2033	$259,000	1	$8,500	
Not Energy Efficient, Extent : Light, Area Affected : 100%								
Location : Due To Coil Cleaning Issue In Fan Room								
Convector/Radiator	40%	0-2	$11,300	2031	$225,100	1	$8,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Radiator In Room 329								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : New Wing Entrance And Hallway								
Explanation : Condensate Drip Down								
Fan Coil Unit/Heat	20%			2028	$341,300	1	$4,500	
Fan Coil Unit/Heat	20%			2038	* *	1	$4,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2033	$203,100	1	$6,400	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Two Corroded Chillers And One Unit Is Not Working								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanaical Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Mechanical Room, New Addition								
Window/Wall Unit	50%			2028	$130,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Various Locations. 50 Percent Is Not Working								
No Component	30%							
Terminal Devices								
Air Handler/Dir Expansion	20%			2033	$184,700	1		
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2033	$44,200	2	$9,600	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$6,100	
Ductwork/Diffusers	90%	0-2	$272,100	LIFE	* *	2-5	$34,500	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Unit Vents Are Broken Bearing In Rooms 158, 257, 258, 557								
Exhaust Fans								
Interior	80%			2033	$244,200	2	$1,700	
Roof	20%			2033	$26,700	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$884,000	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$12,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Drain Piping Is Leaking From Outside To Compressor								
Sump Pump(s)								
Non-Submersible	100%			2028	$13,800	4	$2,200	
Backflow Preventer								
No Component	20%							
Generic	80%			2033	$24,600	1	$3,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2053	* *	1-5	$6,900	
Sprinkler								
No Component	97%							
Generic	3%			2033	$28,600	1-2	$600	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 65 - BK**
Address : **158 RICHMOND STREET BTWN: FULTON ST. - RIDGEWOOD AVE**
Borough : **BROOKLYN**
Agency's Number : **K065**
Program / Asset # : **BOE0390.000 / 1387**
Yr Built/Renovated : **1873 / 1999**
Area Sq Ft : **23,000**
Project Type : **EDUCATION**
Date of Survey : **18-Mar-2020**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Roof, Floors 1,2,Att**
Block : **4126** **Lot** : **47**
BIN : **3092063**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$176,500	$97,800
Interior Architecture	$51,100	$449,400
Electrical	$55,000	$229,600
Mechanical	$85,900	$255,400
Total	**$368,400**	**$1,032,300**
Importance Code A	$176,500	$97,800
Importance Code B	$191,900	$934,400
Total	**$368,400**	**$1,032,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$53,300		$4,300	$46,600
Interior Architecture	$105,300	$900	$5,400	$2,800
Electrical	$800	$800	$51,100	$700
Mechanical	$3,200	$3,200	$27,200	$3,200
Site Enclosure	$4,200			
Site Pavements	$10,900			
Total	**$177,500**	**$4,900**	**$87,900**	**$53,300**
Importance Code A	$55,500	$2,300	$6,600	$48,900
Importance Code B	$64,000	$2,600	$81,300	$4,400
Importance Code C	$58,000			
Total	**$177,500**	**$4,900**	**$87,900**	**$53,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BK

Asset # : 1387

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$176,500	LIFE	* *	5	$97,800	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brownstone	10%			LIFE	* *	5	$8,200	
Windows								
Wood	100%			2047	* *	5	$93,200	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$5,000	
Metal Panel	25%			2041	* *	5	$6,400	
Roof								
Metal Panel	14%	Now	$20,000	2044	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Above Attic Offices And Science Room								
Metal Panel	81%			2044	* *	10	$33,300	
Modified Bitumen	5%			2036	* *	10	$1,100	
Soffits								
Metal Panel	50%			2051	* *	5-10		
Wood	50%			2036	* *	5		
Interior								
Floors								
Ceramic Tile	5%			2040	* *	5	$1,700	
Traffic Topping	25%			2031	$449,400	5	$10,700	
Vinyl Tile	65%	Now	$13,500	2036	* *	3	$8,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Attic Office								
Wood	5%	0-2	$33,700	2046	* *	5	$1,600	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Attic Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BK

Asset # : 1387

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$8,900	2040	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Masonry: Brick	20%	Now	$49,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Boiler And Book Storage Rooms At Basement Level								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler And Book Storage Rooms At Basement Level								
Plaster	75%			LIFE	* *	5	$13,300	
Ceilings								
Embossed Metal	90%	Now	$51,100	LIFE	* *	5	$13,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Science Room								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Attic And Science Room								
Paint Peeling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Plaster	10%			LIFE	* *	5	$2,200	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2051	* *			
Iron Picket	25%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$4,200	2066	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$10,900	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Tree Pits								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BK

Asset # : 1387

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Raceway								
Conduit	95%			2031	$63,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$10,900	5	$100	
Molded Case Bkrs	80%			2030	$87,400	5	$500	
Molded Case Bkrs	10%			2047	* *	5	$100	
Wiring								
Braided Cloth	65%	2-4	$55,000	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2031	$25,400	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$78,500	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$21,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2026	$21,100	10	$2,800	
Exit, Service	50%			2026	$5,400	1		
Exterior Lighting								
LED	30%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter And Roof								
Explanation : Operated By Timer								
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$1,700	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$4,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BK

Asset # : 1387

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$22,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Convector/Radiator	90%			2036	* *	1	$6,700	
Fan Coil Unit/Heat	10%			2031	$62,500	1	$700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2031	$29,900			
Window/Wall Unit	90%			2026	$85,900	1		
No Component	5%							
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2041	* *	1		
Galvanized Steel	60%			2029	$193,000	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 100-gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$5,000	4	$500	
Backflow Preventer								
Generic	100%			2031	$11,300	1	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 66 - BX**				
Address	: **1001 JENNINGS STREET BTWN: LONGFELLOW AVE., BOONE A**				
Borough	: **BRONX**			**Agency's Number**	: **X066**
Program / Asset #	: **BOE0207.000 / 678**			**Yr Built/Renovated**	: **1924 / 2010**
Area Sq Ft	: **109,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Apr-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **3008**	**Lot**	: **1**	**BIN**	: **2010916**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$305,200	$1,063,100
Interior Architecture	$5,643,700	$2,877,700
Electrical		$1,376,300
Mechanical	$271,500	$2,497,800
Site Pavements		$102,900
Total	**$6,220,400**	**$7,917,800**
Importance Code A	$305,200	$1,114,500
Importance Code B	$5,826,900	$6,803,300
Importance Code C	$88,300	
Total	**$6,220,400**	**$7,917,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$117,100		$10,200	
Interior Architecture	$132,400		$26,400	$27,100
Electrical	$20,900	$10,200	$10,500	$13,100
Mechanical	$98,900	$15,900	$24,000	$15,300
Site Enclosure	$72,700			
Site Pavements	$4,400			
Total	**$446,400**	**$26,100**	**$71,100**	**$55,600**
Importance Code A	$127,900	$10,800	$21,000	$10,800
Importance Code B	$274,900	$15,300	$50,100	$39,000
Importance Code C	$43,600			$5,700
Total	**$446,400**	**$26,100**	**$71,100**	**$55,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$127,400	
Masonry: Brick	77%			LIFE	* *	5	$251,100	
Masonry: Brick Cavity	5%	Now	$14,200	LIFE	* *	5	$8,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs K, G, C And B								
Masonry: Granite	3%			LIFE	* *	5	$7,300	
Masonry: Limestone	5%			LIFE	* *	5	$12,200	
Stucco Cement	5%			2046	* *	5	$20,400	
Windows								
Aluminum	100%	4+	$47,500	2049	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Gymnasium								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$62,700	
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$135,900	
Roof								
Built-Up (BUR)	98%			2033	$804,900	10	$69,000	
Debris on Roof, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Copper/Terne	2%			2061	* *	10	$3,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$88,200	
Ceramic Tile	5%			2042	* *	5	$10,100	
Quarry Tile	5%			2046	* *	5	$15,100	
Terrazzo	5%			LIFE	* *	5	$15,700	
Vinyl Tile	50%	Now	$55,700	2033	$2,783,400	3	$37,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Classrooms								
Vinyl Tile 9" X 9"	15%	Now	$5,334,700	2043	* *	3	$11,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 2nd And 3rd Floor Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 2nd And 3rd Floor Classrooms								
Wood	10%			2061	* *	5	$37,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$28,700	
Ceramic Tile	5%			2042	* *	5	$11,500	
Masonry: Brick	15%			LIFE	* *	10	$10,300	
Marble Panels	5%			LIFE	* *	10	$4,600	
Plaster	70%			LIFE	* *	5-10	$136,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	4+	$25,900	2038	* *	5	$20,100	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$12,600	
Plaster	75%			LIFE	* *	5-10	$259,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	24%	Now	$34,700	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West Wall At Play Yard								
Masonry: Fieldstone	76%	Now	$38,000	2043	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : West Wall At Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2038	* *			
Pavers/Stone	30%			2036	* *			
Activity Yard								
Asphalt	45%			2042	* *			
Pavers/Stone	5%	Now	$4,400	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : By Tree Pits								
Rubber Matting	20%			2038	* *			
Traffic Topping	30%			2033	$102,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Play Yard								
Explanation : This Is Actually Artificial Grass								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 3,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	100%			2033	$243,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Fused Disc Sw	10%			2049	* *	5	$300	
Fused Toggle Switch	5%			2032	$12,000	5	$100	
Molded Case Bkrs	50%			2032	$119,700	5	$1,400	
Molded Case Bkrs	25%			2049	* *	5	$700	
Wiring								
Braided Cloth	60%			2032	$205,100	1		
Thermoplastic	40%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$600	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	70%			2038	* *	10	$70,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	30%			2038	* *			
Egress Lighting								
Emergency, Service	25%			2033	$16,800	1		
Emergency, Battery	25%			2028	$45,700	10	$6,600	
Exit, Battery	50%			2038	* *	10	$3,700	
Exterior Lighting								
LED	10%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$40,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Camera And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$281,200	1-3	$69,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Horns, Smoke Detection.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$108,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%	0-2	$20,500	2028	$410,200	1	$12,100	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Various Locations. Defective Thermostat								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Convector/Radiator	60%			2031	$534,800	1	$21,100	
Fan Coil Unit/Heat	20%			2028	$540,500	1	$7,000	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	40%	0-2	$82,600	2028	$165,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$91,400	
Ductwork Stainless Steel	5%	Now	$188,900	LIFE	* *			
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Exhaust Riser By Playground								
Corroded, Extent : Severe, Area Affected : 100%								
Location : Kitchen Exhaust Riser By Playground								
Exhaust Fans								
Interior	100%			2028	$483,400	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$278,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$85,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$19,200	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Basement Vault								
Sump Pump(s)								
Non-Submersible	50%			2033	$10,900	4	$1,700	
Non-Submersible	50%	Now	$10,900	2043	* *	4	$1,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement Mechanical Room								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement Mechanical Room								
Explanation : Broken Units Are Causing Flooding In Basement								
Backflow Preventer								
No Component	60%							
Generic	40%			2033	$19,500	1	$2,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$30,100	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 66 - M SCHOOL FOR LANGUAGE AND HEARING**		
Address	: **421 EAST 88 STREET @FIRST - YORK AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M066**
Program / Asset #	: **BOE0042.000 / 1676**	**Yr Built/Renovated**	: **1908 / 2015**
Area Sq Ft	: **58,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1568** **Lot** : **8**	**BIN**	: **1050618**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$510,800
Interior Architecture	$1,878,000	$1,681,100
Electrical	$53,200	$719,500
Mechanical	$1,175,700	$624,200
Total	**$3,106,800**	**$3,535,600**
Importance Code A		$510,800
Importance Code B	$2,933,400	$2,974,300
Importance Code C	$173,400	$50,500
Total	**$3,106,800**	**$3,535,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,800	$3,500		$1,800
Interior Architecture	$42,400	$9,800	$15,700	$1,100
Electrical	$1,600	$1,800	$2,700	$127,700
Mechanical	$58,100	$12,000	$14,500	$29,000
Total	**$181,800**	**$27,100**	**$32,800**	**$159,700**
Importance Code A	$85,500	$9,300	$5,700	$7,700
Importance Code B	$96,300	$17,800	$21,100	$152,000
Importance Code C			$6,000	
Total	**$181,800**	**$27,100**	**$32,800**	**$159,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 66 - M SCHOOL FOR LANGUAGE AND HEARING
Asset # : 1676

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$76,600	
Masonry: Brick	84%			LIFE	* *	5	$82,400	
Painted Surfaces, Extent : Light, Area Affected : 65% *Location : East And West Courtyard Elevations*								
Masonry: Limestone	5%			LIFE	* *	5	$3,700	
Metal Panel	1%			2052	* *	5-10	$6,700	
Windows								
Aluminum	98%	Now	$29,900	2048	* *	5	$6,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 85% *Location : Throughout*								
Metal Louvers	1%			2041	* *	10	$800	
Wood	1%			2040	* *	5	$1,300	
Parapets								
Cast Stone/Terra Cotta	15%	Now	$32,300	LIFE	* *	5	$11,000	
Spalling, Extent : Moderate, Area Affected : 10% *Location : Copings On South Facade*								
Masonry: Brick	85%			LIFE	* *	5	$8,100	
Roof								
Built-Up (BUR)	95%	Now	$17,600	2032	$351,800			
Patching Evident, Extent : Light, Area Affected : 2% *Location : Main Roof* *Water Penetration, Extent : Moderate, Area Affected : 5%* *Location : Room 509*								
Metal Panel	5%			2045	* *	10	$2,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,900	
Ceramic Tile	5%			2041	* *	5	$4,500	
Quarry Tile	5%			2045	* *	5	$6,800	
Vinyl Tile	65%			2032	$1,630,600	3	$22,100	
Vinyl Tile 9" X 9"	10%			2027	$1,602,700	3	$4,500	
Wood	5%			2060	* *	5	$8,500	

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DEPARTMENT OF EDUCATION - 040
P. S. 66 - M SCHOOL FOR LANGUAGE AND HEARING
Asset # : 1676

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$12,000	
Glass: Single Pane	5%			LIFE	* *	5	$9,000	
Masonry: Brick	10%	Now	$91,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Plaster	70%	Now	$81,900	LIFE	* *	5	$50,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Staircase To Basement, Rooms 304, 505, 506, 507 And 509								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Staircase To Basement, Rooms 304, 505, 506, 507 And 509								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2045	* *	5	$4,200	
Exposed Struc: Steel	10%	4+	$101,800	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room In Basement								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Explanation : Deteriorated Fireproofing Finish On Steel Beams								
Metal Panel	5%			LIFE	* *	5	$5,300	
Plaster	80%	Now	$41,200	LIFE	* *	5	$42,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rooms 304, 505, 506, 507 And 509								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2042	* *			
Iron Picket	15%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	40%			2045	* *			
Masonry: Granite	30%			LIFE	* *			
Steel Grating	30%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Egress Stairs At East And West Courtyards								
Explanation : Steel Framed Stair Assembly								
Activity Yard								
Rubber Matting	100%			2037	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 66 - M SCHOOL FOR LANGUAGE AND HEARING
Asset # : 1676

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$22,800	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$2,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$200	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	90%			2031	$125,700	5	$1,400	
Wiring								
Thermoplastic	95%			2032	$189,600	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$53,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2027	$48,700	10	$7,000	
Exit, Battery	50%			2027	$41,100	10	$2,000	
Exterior Lighting								
HID	10%			2027	$27,100	10		
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$32,700	1	$6,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : Camera Observed								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$44,900	1-3	$10,700	

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DEPARTMENT OF EDUCATION - 040
P. S. 66 - M SCHOOL FOR LANGUAGE AND HEARING
Asset # : 1676

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$57,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$46,400	2032	$464,500			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Area, Deteriorating Condensate Return Tank, Defective Branch Riser Isolation Valve								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Throughout, Defective Climate Controls, Pneumatic Tubes Were Damaged								
Terminal Devices								
Air Handler	10%			2032	$109,100	1	$3,600	
Convector/Radiator	90%			2037	* *	1	$16,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	60%	0-2	$308,000	2042	* *	1	$14,500	
Broken, Extent : Severe, Area Affected : 50%								
Location : Half Of The Heat Rejection Fans								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : Roof								
Split Unit	5%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Roof								
Explanation : R-410a								
Window/Wall Unit	25%			2027	$54,900	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2032	$50,600	4	$2,600	
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	65%			2027	$658,400	1	$23,300	
No Component	35%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - M SCHOOL FOR LANGUAGE AND HEARING

Asset # : 1676

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$19,400	
No Component	40%							
Exhaust Fans								
Interior	60%			2027	$154,300	2	$1,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Inadequate Ventilation For The Building								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$11,600	4	$1,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2042	* *	1-2	$300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 66 - Q**		
Address	: **85-11 102 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q066**
Program / Asset #	: **BOE0720.000 / 557**	**Yr Built/Renovated**	: **1898 / 2011**
Area Sq Ft	: **31,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jan-2020**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Att,Ph**		
Block	: **9183** **Lot** : **1**	**BIN**	: **4191497**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$112,900	
Interior Architecture		$568,500
Electrical		$62,100
Mechanical	$51,400	$330,900
Total	**$164,300**	**$961,500**
Importance Code A	$112,900	
Importance Code B	$51,400	$961,500
Total	**$164,300**	**$961,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$104,600		$2,000	
Interior Architecture	$98,000		$16,900	$2,300
Electrical	$42,100	$1,200	$1,300	$1,600
Mechanical	$14,400	$8,300	$26,000	$7,700
Site Enclosure	$10,600		$800	
Site Pavements	$1,400			
Total	**$271,100**	**$9,500**	**$47,000**	**$11,700**
Importance Code A	$107,600	$2,500	$4,500	$2,500
Importance Code B	$130,200	$7,100	$36,800	$9,200
Importance Code C	$33,300		$5,700	
Total	**$271,100**	**$9,500**	**$47,000**	**$11,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	4%			LIFE	* *	5	$15,000	
Masonry: Brick	52%	Now	$112,900	LIFE	* *	5	$25,000	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : 1898 Building Throughout								
Masonry: Brick Cavity	38%			LIFE	* *	5	$18,300	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Building Completed September 2019								
Masonry: Limestone	4%	Now	$33,200	LIFE	* *	5	$1,400	
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : Sills And Lintels Of 1898 Building								
Pre-Cast Concrete	2%			LIFE	* *	5	$3,100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Building Completed September 2019								
Windows								
Aluminum	38%			2056	* *	5	$2,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2019 Building								
Metal Louvers	2%			2046	* *	10	$800	
Wood	60%	Now	$33,500	2039	* *	5	$19,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Classrooms In 1898 Building								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$1,100	
Concrete Masonry Unit	18%			LIFE	* *	5	$1,000	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2019 Building Interior Parapet With Modified Bitumen Membrane								
Masonry: Brick	15%			LIFE	* *	5	$700	
Masonry: Brick Cavity	14%			LIFE	* *	5	$700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2019 Building								
Pre-Cast Concrete	4%			LIFE	* *	5	$1,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Exterior Facing Parapet Concrete Panels In 2019 Building								
Pre-Cast Concrete	4%			LIFE	* *	5	$1,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2019 Building Coping Stone								
No Component	42%							

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	10%	0-2	$14,500	2031	$48,400			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Flat Roof								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Flat Roof Of 1898 Building								
IRMA/Protected Membrane	40%			2041	* *	10	$15,200	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : 2019 Building All Roofs								
Skylight, Metal/Glass	2%	Now	$23,300	2041	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 15%								
Location : 1898 Roof								
Deformed/Dented, Extent : Severe, Area Affected : 15%								
Location : 1898 Roof								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 20%								
Location : 1898 Roof								
Slate	48%			LIFE	* *			
Interior								
Floors								
Asphalt Poured	3%			2036	* *	5	$700	
Cast in Place Concrete	12%			LIFE	* *	5	$12,300	
Cast in Place Concrete	4%			LIFE	* *	5	$4,100	
Ceramic Tile	3%			2034	* *	5	$1,400	
Ceramic Tile	2%			2046	* *	5	$900	
Quarry Tile	3%			2051	* *	5	$2,100	
Vinyl Tile	40%	0-2	$11,400	2031	$568,500	3	$7,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Classroom Thresholds								
Vinyl Tile	30%			2041	* *	3	$5,300	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2019 Building								
Wood	3%			2046	* *	5	$2,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2046	* *	5	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2019 Building								
Explanation : Corridors, Cafeteria, Kitchen And Bathrooms								
Ceramic Tile	2%			2034	* *	5	$2,000	
Glass: Single Pane	5%	Now	$6,600	LIFE	* *	5	$3,700	
Glazing Broken/Cracked, Extent : Severe, Area Affected : 2%								
Location : Stairwells								
Gypsum Board	33%			LIFE	* *	5	$19,700	
Masonry: Brick	10%			LIFE	* *			
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Basement And Fourth Floor Brick								
Plaster	40%	Now	$21,200	LIFE	* *	5	$11,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Teachers Bathroom First Floor								
Ceilings								
AcousTileSusp.Lay-In	32%			2051	* *	5	$13,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Classrooms, Cafeteria, Kitchen And Corridors In 2019 Building								
Embossed Metal	12%	Now	$34,400	LIFE	* *	5	$2,300	
Deteriorated Finish, Extent : Severe, Area Affected : 25%								
Location : Basement In Teachers Lounge								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Basement And Through Pipe Penetration On Fourth Floor								
Exposed Struc: Concrete	4%			LIFE	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2019 Building								
Explanation : Mechanical Room Ceilings On Third Floor And Penthouse Mechanical Room								
Exposed Struc: Steel	2%	0-2	$22,900	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : 1898 Building Mechanical Rooms In Basement								
Exposed Struc: Wood	4%			LIFE	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Attic In 1898 Building								
Gypsum Board	4%			LIFE	* *	5	$2,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Soffits, Bathrooms, Staff Rooms In 2019 Building								
Plaster	42%			LIFE	* *	5	$11,400	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%			2051	* *	5-10	$2,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2019 Roof								
Iron Picket	60%	2-4	$4,500	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Along 85th Road And 102nd Street								
Iron Picket	35%			2081	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Along 85th Avenue And 102nd Street								
Explanation : New Fence								
Retaining Walls								
Cast in Place Concrete	90%	Now	$5,200	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 85th Road								
Masonry: Brick	10%	0-2	$900	2051	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Rear Retaining Wall To Basement								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	40%			2048	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Along 85th Avenue And Part Of 102nd Street								
Explanation : New Sidewalks								
Cast in Place Concrete	50%			2036	* *			
Pavers/Stone	10%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Along 85th Avenue And Part Of 102nd Street								
Explanation : Brick Pavers								
On-Site Walkways								
Asphalt	10%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Along 85th Road								
Explanation : Temporary As Part Of Construction Work								
Cast in Place Concrete	40%			2048	* *			
Under Construction	50%							
Parking/Driveway								
Cast in Place Concrete	100%			2048	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	20%			2044	* *			
Rubber Matting	20%	2-4	$1,400	2031	$28,100			
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Jungle Gymnasium								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Jungle Gymnasium Area								
Explanation : Vegetation								
Under Construction	60%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Fused Disc Sw	60%			2057	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2051	* *	5	$100	
Molded Case Bkrs	50%			2057	* *	5	$400	
Raceway								
Conduit	60%			2031	$40,200	1		
Conduit	40%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2053	* *	5	$100	
Molded Case Bkrs	70%			2053	* *	5	$600	
Molded Case Bkrs	20%			2030	$21,900	5	$200	
Wiring								
Braided Cloth	20%	2-4	$16,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	80%			2057	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$100	
Variable Frequency Drive	50%			2048	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$200	
Generic	50%			LIFE	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2039	* *	10	$17,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Explanation : T-8 Lamps								
LED	40%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$3,700	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	15%	Now	$23,800	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Explanation : Not Functional								
LED	15%			2039	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	60%							
Generic	40%			2066	* *	5	$200	
Alarm								
Security System								
Under Construction	60%							
Generic	40%			2039	* *	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Under Construction	60%							
Generic, Analog	40%			2039	* *	1-3	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2057	* *	1		
Interruptible Gas/Dual Fuel	60%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	40%			2048	* *	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Of New Wing								
Explanation : 2 Units								
Steam Boiler	55%			2044	* *	1	$16,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	5%	0-2	$700	2036	* *	1	$1,400	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Boiler No.2								
Explanation : Defective Water Auto Refill.								
Distribution								
Hot Wtr Piping/Pump	40%			2053	* *	4	$900	
Steam Piping/Pump	10%	0-2	$8,200	2041	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Various Locations								
Steam Piping/Pump	50%			2031	$135,900			
Terminal Devices								
Air Handler	30%			2039	* *	1	$5,800	
Convector/Radiator	50%			2029	$138,800	1	$5,000	
Convector/Radiator	5%			2048	* *	1	$500	
Fan Coil Unit/Heat	5%			2039	* *	1	$500	
Unit Heater - Steam	10%			2026	$19,300	4	$300	
Air Conditioning								
Energy Source								
Electricity	60%			2039	* *	1		
Electricity	40%			2053	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2039	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410a								
Window/Wall Unit	40%			2026	$51,400	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2057	* *	4	$900	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2039	* *	1	$7,700	
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	40%			2039	* *	2	$8,600	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$6,900	
No Component	60%							
Exhaust Fans								
Roof	50%			2039	* *	2	$500	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2041	* *	1		
Brass/Copper	40%			2057	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$56,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit Is In Basement, 1 Unit Is In Penthouse								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Backflow Preventer								
Generic	100%			2039	* *	1	$1,900	
Fixtures								
Generic	60%							
Generic	40%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Flor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2057	* *	1-2	$3,500	
Fire Pump								
No Component	60%							
Generic	40%			2044	* *	1	$2,300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 67 - BK**		
Address	: **51 SAINT EDWARDS STREET @ PARK AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K067**
Program / Asset #	: **BOE0391.000 / 1388**	**Yr Built/Renovated**	: **1923 / 2009**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,5,Ph**		
Block	: **2039** **Lot** : **2**	**BIN**	: **3332507**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$478,000	$377,500
Interior Architecture	$1,936,300	$3,298,600
Electrical	$316,600	$1,379,300
Mechanical	$1,364,700	$5,159,000
Site Enclosure	$118,600	
Site Pavements	$118,400	
Total	**$4,332,600**	**$10,214,400**
Importance Code A	$1,004,900	$782,800
Importance Code B	$1,908,500	$9,431,700
Importance Code C	$1,419,200	
Total	**$4,332,600**	**$10,214,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$188,900		$24,500	
Interior Architecture	$137,900			$10,100
Electrical	$72,400	$8,700	$10,700	$9,700
Mechanical	$97,700	$27,200	$35,900	$43,400
Site Enclosure	$42,500			
Site Pavements	$57,200			
Total	**$596,600**	**$35,800**	**$71,000**	**$63,200**
Importance Code A	$188,900	$9,200	$33,700	$9,200
Importance Code B	$293,500	$26,600	$37,300	$53,900
Importance Code C	$114,200			
Total	**$596,600**	**$35,800**	**$71,000**	**$63,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	1%			LIFE	* *	5	$11,400	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$88,900	
Masonry: Brick	85%	0-2	$398,100	LIFE	* *	5	$96,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : South Side Of Building Near Exit 11 And Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium At 4th Floor								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : North Side Of Auditorium And Throughout								
Masonry: Granite	2%			LIFE	* *	5	$3,400	
Masonry: Limestone	2%	Now	$3,600	LIFE	* *	5	$1,700	
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Top Banding Above Entrance								
Metal Panel	5%			2043	* *	5-10	$39,100	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Above And Between Windows Throughout								
Windows								
Aluminum	98%	Now	$33,900	2049	* *	5	$17,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Louvers	2%	Now	$40,200	2048	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Basement Areaway								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Basement Areaway								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$43,200	
Masonry: Brick	90%			LIFE	* *	5-10	$93,600	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout Rooftop								
Roof								
Built-Up (BUR)	45%	Now	$28,100	2033	$280,800			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Stair Bulkhead Stairs A And C								
Metal Panel	25%			2046	* *	10	$24,500	
Modified Bitumen	30%			2038	* *	10	$16,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$41,200	
Ceramic Tile	3%	Now	$11,400	2042	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Staff Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Staff Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Staff Toilets Throughout								
Quarry Tile	5%	0-2	$49,500	2046	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Vinyl Tile	55%	Now	$102,300	2033	$2,045,200	3	$27,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 209, 212 And Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 209, 212 And Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$237,600	2028	$1,187,800	3	$2,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Locker Room And Stair Landings Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 4th Floor Locker Room And Stair Landings Throughout								
Wood	25%	Now	$100,400	2048	* *	5	$31,500	
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : 4th Floor Classroom								

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$142,000	2042	* *	5	$6,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Staff Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Staff Toilets Throughout								
Masonry: Brick	10%	Now	$491,500	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor In Gymnasium								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement Along Saint Edwards Street								
Marble Panels	5%	Now	$45,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Entrance								
Plaster	60%	0-2	$376,800	LIFE	* *	5	$46,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Stair A								
SGFT/Glazed Masonry	20%	0-2	$232,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	10%	0-2	$10,800	2038	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	10%	Now	$100,800	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Metal Panel	2%	Now	$89,200	LIFE	* *	5	$3,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	78%	Now	$63,900	LIFE	* *	5	$65,600	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium, Stair A And C								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$58,500	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Broken Hinges At Gates								
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Iron Picket	25%	Now	$42,500	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Locations Throughout, Broken Hinges At Gates								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$60,100	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard And Stairs								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Areaway To Basement Front Of Building								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Areaway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$26,200	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Alley And Garden Walk								
Parking/Driveway								
Asphalt	100%	0-2	$118,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	80%	Now	$31,000	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : At Clogged Drains								
Rubber Matting	20%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	95%			2033	$191,700	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Toggle Switch	5%	0-2	$12,000	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Penthouse Fan Room								
Molded Case Bkrs	75%			2032	$179,600	5	$1,800	
Molded Case Bkrs	10%			2049	* *	5	$200	
Wiring								
Braided Cloth	80%	0-2	$233,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2053	* *	1		
Thermoplastic	15%			2033	$43,800	1		
Motor Controllers								
Locally Mounted	20%			2038	* *	5	$100	
Locally Mounted	80%			2031	$95,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	20%			2033	$277,300	10	$17,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement, Hallways And Multi Purpose Room								
Fluorescent	70%			2041	* *	10	$59,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%	Now	$83,200	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Incandescent	2%			2028	$51,500	2		
LED	2%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	$78,100	10	$11,200	
Exit, Service	50%			2028	$20,100	1		
Exterior Lighting								
HID	1%			2028	$4,300	10		
HID	9%	Now	$39,100	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Exterior Lighting								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$174,600	1	$34,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$57,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	50%	Now	$405,300	2053	* *	1	$41,400	1
Boiler Used For Hot Water, Extent : Severe, Area Affected : 100%								
Location : Basement								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Boiler Number 2 In Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : New Refractory And Floor Required. Leaking Tubes.								
Steam Boiler	50%	0-2	$121,600	2031	$405,300	1	$41,400	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : New Refractory And Floor Required								

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$523,000	2043	* *	4	$4,600	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Pneumatic Compressor In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Radiator Traps Throughout								
Terminal Devices								
Air Handler	40%			2028	$700,000	1	$23,000	
Convector/Radiator	60%			2031	$456,300	1	$18,000	
Controls								
Electrical	20%			2028	$103,400			
Pneumatic	80%			2031	$1,437,900			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	1%			2033	$22,100			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Server Room And Roof								
Explanation : Serves Intermediate Distribution Frame Room								
Window/Wall Unit	70%			2028	$246,600	1		
No Component	29%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,100	
Exhaust Fans								
Interior	100%			2028	$412,500	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	$955,500	1		
Galvanized Steel	20%			2031	$237,500	1		
Water Heater With Tanks								
Gas Fired	30%			2028	$5,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 52 Gallon Tank For Kitchen. Currently Serves As Temporary Supplement For General Hot Water Service. Quantity 1								
No Component	70%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : 108 Gallon Tank. Temporary Replacement For Heat Exchanger. Ineffective-Not Connecticuter To Recirculation Line. Offline At Time Of Visit.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	70%	Now	$314,800	2063	* *	4	$6,400	
Broken, Extent : Severe, Area Affected : 80%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : General Hot Water Service. Associated Condensate Pump Broken. Temporary Electric Water Heater Installed.								
No Component	30%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$32,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Areaway At Exits 10 And 11 And Main Condensate Pump Room								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$38,600	1-2	$800	
Chemical System								
Generic	100%			2028	$204,000	1-3	$202,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 50 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 67 - BX**		
Address	: **2024 MOHEGAN AVENUE @E. 179 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X067**
Program / Asset #	: **BOE0208.000 / 679**	**Yr Built/Renovated**	: **1925 / 2009**
Area Sq Ft	: **108,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3123** **Lot** : **3**	**BIN**	: **2013142**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$4,046,500	$231,800
Interior Architecture	$1,916,900	$2,705,600
Electrical	$627,400	$670,000
Mechanical	$283,400	$2,489,900
Site Pavements	$299,200	
Total	**$7,173,400**	**$6,097,300**
Importance Code A	$4,046,500	$231,800
Importance Code B	$2,989,300	$5,865,500
Importance Code C	$137,600	
Total	**$7,173,400**	**$6,097,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$10,100	
Interior Architecture	$109,800		$49,900	$10,100
Electrical	$13,600	$5,000	$25,000	$3,100
Mechanical	$62,900	$15,700	$41,400	$15,700
Site Pavements	$18,600			
Total	**$204,900**	**$20,600**	**$126,300**	**$28,800**
Importance Code A	$10,700	$10,700	$21,000	$10,700
Importance Code B	$165,400	$9,900	$105,300	$18,100
Importance Code C	$28,800			
Total	**$204,900**	**$20,600**	**$126,300**	**$28,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%	0-2	$671,200	LIFE	* *	5	$40,800	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Facades								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation Walls, Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room, Basement								
Explanation : Water Infiltration Through Foundation Walls And Floor, Even After Repairs Were Done								
Masonry: Brick	70%	2-4	$939,700	LIFE	* *	5	$114,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Masonry: Limestone	5%			LIFE	* *	5	$6,100	
Windows								
Aluminum	100%	Now	$2,375,900	2056	* *	5	$24,900	1
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Various Locations								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Various Locations								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$19,900	
Metal Panel	3%			2051	* *	5	$2,600	
Pre-Cast Concrete	7%			LIFE	* *	5	$9,700	
Roof								
Built-Up (BUR)	85%			2036	* *	10	$59,800	
Copper/Terne	5%			2046	* *	10	$8,800	
Modified Bitumen	10%			2031	$76,900	10	$7,000	
Debris Present, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$34,300	LIFE	* *	5	$44,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Boiler Room, Basement								
Explanation : Ground Water								
Ceramic Tile	5%	4+	$28,400	2034	* *	5	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Girls And Boys Toilet								
Quarry Tile	3%			2036	* *	5	$9,100	
Sheet Vinyl/Rubber	5%			2031	$659,200	5	$15,100	
Terrazzo	5%			LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Traffic Topping	12%	Now	$115,400	2026	$1,153,900	5	$15,100	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs And Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Stairs And Corridors								
Vinyl Tile	35%	Now	$97,400	2031	$1,948,400	3	$26,400	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Vinyl Tile	5%	Now	$83,500	2041	* *	3	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Cafeteria								
Uneven Substrate, Extent : Severe, Area Affected : 90%								
Location : Cafeteria								
Wood	20%			2046	* *	5	$75,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$87,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	8%	0-2	$50,500	2034	* *	5	$9,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairwells								
Glass: Single Pane	2%			LIFE	* *	5	$3,400	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	5%	Now	$28,800	LIFE	* *			
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 30%								
Location : Stairwell Windows								
Marble Panels	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$44,700	
Ceilings								
AcousTileSusp.Lay-In	5%			2044	* *	5	$10,100	
Exposed Struc: Concrete	15%	0-2	$90,400	LIFE	* *	5	$4,700	
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Stair H Ceiling To Basement								
Metal Panel	2%	4+	$13,300	LIFE	* *	5	$5,000	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Plaster	78%	0-2	$238,600	LIFE	* *	5	$98,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2051	* *			
Iron Picket	95%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	95%	Now	$299,200	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Activity Yard								
Sinking/Subsiding, Extent : Severe, Area Affected : 5%								
Location : Throughout Activity Yard								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Activity Yard								
Rubber Matting	5%	Now	$18,600	2041	* *			
Worn/Eroded, Extent : Severe, Area Affected : 90%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Evidence Of Water Penetration Through The Walls, Main Service Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$500	
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$12,000	5	$100	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	90%			2030	$215,500	5	$2,600	
Wiring								
Braided Cloth	90%	2-4	$307,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$400	
Locally Mounted	50%			2036	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2036	* *	10	$96,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2036	* *			
Egress Lighting								
Emergency, Battery	40%	Now	$72,500	2041	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Emergency, Battery	10%			2036	* *	10	$2,600	
Exit, Service	10%			2036	* *	1		
Exit, Service	40%			2026	$18,600	1		
Exterior Lighting								
HID	30%			2026	$151,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$60,800	1	$12,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Yard, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$83,600	1-3	$20,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Toilets, Cafeteria And Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2051	* *	5	$33,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No. 2 Fuel Oil. One 5,000 And One 10,000 Gallon Tank								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$107,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Fresh Air Damper Stucked In Open Position.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Fuel Oil Burning Steam Boilers.								
Distribution								
Steam Piping/Pump	30%	0-2	$13,000	2041	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 3%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Hot Water Circulating Pump Out Of Service								
Steam Piping/Pump	70%			2031	$605,400			
Terminal Devices								
Air Handler	40%			2036	* *	1	$26,700	
Convector/Radiator	48%			2029	$423,900	1	$16,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Various								
Explanation : 10 Percent Of The Steam Traps Malfunctioning.								
Convector/Radiator	2%	0-2	$10,600	2051	* *	1	$600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Library And Various Other Locations, Defective Thermostats								
Fan Coil Unit/Heat	10%	Now	$160,700	2041	* *	1	$3,100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Multiple Mechanical And Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Multipurpose Rooms								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium And Multipurpose Rooms								
Explanation : Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	20%			2036	* *			
Window/Wall Unit	30%			2026	$122,700	1		
Window/Wall Unit	20%	0-2	$16,400	2029	$81,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Various Classroom Throughout, Multiple Mechanical And Or Electrical Defects								
No Component	30%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,200	
Exhaust Fans								
Interior	100%			2036	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,378,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	10%	0-2	$2,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Boys Bathroom, 3rd Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Ponding Of Water Visible At Basement. Floor Drain Line Clogged								
Sump Pump(s)								
Non-Submersible	100%	0-2	$4,300	2031	$21,600	4	$2,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement. Original Pumps Malfunctioning Due To Mechanical And Or Electrical Defects								
Backflow Preventer								
No Component	80%							
Generic	20%			2036	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Unit Serves Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 68 - Q**		
Address	: **59-09 SAINT FELIX AVENUE @ 60TH ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q068**
Program / Asset #	: **BOE0722.000 / 559**	**Yr Built/Renovated**	: **1908 / 1999**
Area Sq Ft	: **72,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3579** **Lot** : **1**	**BIN**	: **4437837**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$57,600	$57,600
Interior Architecture	$757,900	$5,109,900
Electrical		$2,191,700
Mechanical		$1,653,800
Total	**$815,500**	**$9,013,000**
Importance Code A	$57,600	$57,600
Importance Code B	$426,800	$8,955,400
Importance Code C	$331,000	
Total	**$815,500**	**$9,013,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$153,100		$25,500	
Interior Architecture	$124,200		$29,000	$10,300
Electrical	$9,200	$6,700	$6,800	$9,000
Mechanical	$79,400	$58,700	$37,000	$32,000
Site Pavements	$19,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$389,200**	**$69,400**	**$102,300**	**$55,300**
Importance Code A	$160,100	$6,100	$31,600	$6,100
Importance Code B	$114,200	$63,300	$70,000	$49,200
Importance Code C	$114,800		$800	
Total	**$389,200**	**$69,400**	**$102,300**	**$55,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,900	
Masonry: Brick	55%			LIFE	* *	5	$115,300	
Masonry: Brick Cavity	30%			LIFE	* *	5	$62,900	
Masonry: Limestone	10%			LIFE	* *	5	$15,700	
Windows								
Aluminum	100%			2049	* *	5	$36,200	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$55,600	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : Covered With Metal Panels								
Metal Rail	20%			2046	* *	5-10	$42,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$14,600	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Roof								
Explanation : Covered With Metal Panels								
Roof								
Built-Up (BUR)	65%			2038	* *	10	$28,900	
Copper/Terne	5%			2061	* *	10	$5,600	
Single Ply Membrane	30%			2038	* *	10	$13,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$50,100	
Ceramic Tile	4%	Now	$258,400	2048	* *	5	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Boys Toilet Room 255 And 350								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Boys Toilet Room 255 And 350								
Ceramic Tile	1%			2046	* *	5	$1,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : First Floor Boys Toilet Room								
Quarry Tile	3%			2046	* *	5	$5,200	
Vinyl Tile	47%	0-2	$74,400	2038	* *	3	$20,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, Connecting Corridor At 2nd Floor								
Vinyl Tile 9" X 9"	25%			2028	$5,056,100	3	$14,300	
Wood	10%			2061	* *	5	$21,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%	Now	$331,000	2048	* *	5	$3,000	
Worn/Eroded, Extent : Severe, Area Affected : 4%								
Location : Boys Toilet Room 255 And 350								
Ceramic Tile	1%			2046	* *	5	$1,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : First Floor Boys Toilet								
Gypsum Board	25%			LIFE	* *	5-10	$63,900	
Masonry: Brick	10%			LIFE	* *	10	$4,500	
Plaster	60%			LIFE	* *	5-10	$76,700	
Ceilings								
AcousTileSusp.Lay-In	25%			2046	* *	5	$28,600	
Plaster	75%			LIFE	* *	5-10	$147,700	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,000	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Steps On Seneca Avenue								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$18,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	90%			2032	$161,700	5	$1,700	
Wiring								
Thermoplastic	50%			2043	* *	1		
Thermoplastic	50%			2033	$99,800	1		
Motor Controllers								
Locally Mounted	50%			2038	* *	5	$200	
Locally Mounted	50%			2031	$59,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$1,019,600	10	$62,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$60,400	10	$8,700	
Exit, Service	50%			2033	$15,500	1		
Exterior Lighting								
HID	20%			2028	$67,200	10		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$67,600	1	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And All Sides Of The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$67,600	1	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$185,700	1-3	$45,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Alarm Bells, Manual Pull Stations, Horns, Smoke Detectors And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2053	* *	1		
Interruptible Gas/Dual Fuel	70%			2053	* *	1		
Conversion Equipment								
Furnace	25%			2038	* *	1	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 7 Rooftop Units								
Furnace	5%	0-2	$1,100	2038	* *	1	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing Roof								
Explanation : Defective Control System For The Rooftop Units								
Steam Boiler	70%			2046	* *	1	$49,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%	Now	$20,200	2043	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Convector/Radiator	50%			2031	$294,400	1	$11,600	
Fan Coil Unit/Heat	20%			2033	$357,000	1	$4,700	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%	0-2	$3,900	2033	$78,900	2	$400	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Unit For Lunch Area. Old Wing Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 2 Units. Old Wing Roof								
Ext Pkg Unit - Heating/Cooling	30%			2033	$362,900	2	$1,300	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 7 Units. New Wing Roof								
Window/Wall Unit	50%			2028	$136,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$19,100	
Ductwork/Diffusers	70%			LIFE	* *	2-5	$44,500	
Exhaust Fans								
Roof	70%			2033	$97,800	2	$1,500	
Roof	30%			2041	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2032	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Boiler Room								
Explanation : 1 Unit								
Gas Fired	50%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$14,400	4	$2,300	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 20%								
Location : Various Locations								
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2053	* *	1-5	$10,900	
Sprinkler								
No Component	70%							
Generic	30%			2053	* *	1-2	$6,000	
Chemical System								
Generic	100%			2031	$326,400	1-3	$297,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Unit Kitchen Fire Suppression System 80 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 69 - BK**		
Address	: **6302 9TH AVENUE @ 63RD ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K069**
Program / Asset #	: **BOE1022.000 / 13464**	**Yr Built/Renovated**	: **2002 / 2002**
Area Sq Ft	: **101,590**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **5735** **Lot** : **32**	**BIN**	: **3387646**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$736,900
Interior Architecture	$84,300	
Electrical	$88,500	
Mechanical		$513,300
Total	**$172,900**	**$1,250,200**
Importance Code A		$736,900
Importance Code B	$172,900	$513,300
Total	**$172,900**	**$1,250,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$52,800	$22,200	$4,000	
Interior Architecture	$74,800		$14,900	
Electrical	$13,900	$10,000	$11,400	$9,500
Mechanical	$72,000	$53,300	$83,300	$42,800
Site Pavements	$2,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$223,400**	**$93,300**	**$121,500**	**$60,200**
Importance Code A	$62,900	$32,200	$14,100	$10,100
Importance Code B	$114,300	$61,100	$107,400	$50,100
Importance Code C	$46,100			
Total	**$223,400**	**$93,300**	**$121,500**	**$60,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$6,600	
Masonry: Brick	40%			LIFE	* *	5	$18,900	
Metal/Glass Curt Wall	5%	Now	$8,000	LIFE	* *	5	$4,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Curtain Wall Above Entrance Canopy								
Metal Panel	25%			2050	* *	5-10	$81,200	
Pre-Cast Concrete	27%			LIFE	* *	5	$41,500	
Windows								
Aluminum	80%	Now	$30,500	2046	* *	5	$16,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 401, Gymnasium								
Aluminum	20%			2046	* *	5	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$6,600	
Metal Rail	10%			2043	* *	5-10	$19,800	
Metal Rail	10%			2043	* *	5-10	$19,800	
Pre-Cast Concrete	20%			LIFE	* *	5	$13,800	
Roof								
Built-Up (BUR)	95%	Now	$13,600	2030	$677,800			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Explanation : Damaged Pitch Pockdet								
Paver: Asphalt	5%	0-2	$900	2039	* *			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Lower Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Area								
Explanation : Interlocking Rubber Asphalt Tiles								
Soffits								
Cast in Place Concrete	40%			LIFE	* *	5		
Fiberglass Panel	60%			2039	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2029	$55,600	3	$4,700	
Cast in Place Concrete	10%	0-2	$26,700	LIFE	* *	5	$34,400	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Mechanical Rooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : Dexotex Coated Floors								
Ceramic Tile	5%			2039	* *	5	$7,900	
Granite Panels	2%			LIFE	* *	5	$2,400	
Quarry Tile	3%			2043	* *	5	$7,100	
Vinyl Tile	68%			2035	* *	3	$40,100	
Wood	3%	Now	$84,300	2058	* *	5	$4,400	
Misaligned/Bulging, Extent : Severe, Area Affected : 35%								
Location : Auditorium Stage And Gymnasium								
Wood	7%			2058	* *	5	$20,600	
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Behind Main Electrical Panel								
Ceramic Tile	3%			2039	* *	5	$1,700	
Concrete Masonry Unit	40%	2-4	$43,300	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Acoustic Block								
Gypsum Board	10%			LIFE	* *	5	$3,500	
Metal Panel	3%			LIFE	* *			
SGFT/Glazed Masonry	21%			LIFE	* *			
Wood	5%			LIFE	* *	5	$11,500	
Ceilings								
AcousTileSusp.Lay-In	55%			2043	* *	5	$86,400	
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,200	
Exposed Struc: Steel	7%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	8%			LIFE	* *	5	$15,700	
Metal Panel	25%			LIFE	* *	5	$49,100	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decorative Panel Fence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	40%	0-2	$2,000	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Schoolyard								
Cast in Place Concrete	60%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$31,300	
Generators								
Diesel	100%			2039	* *	1	$39,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 375 Kilowatt Genset								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	10%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : 40 Gallons								
Main Tank	90%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement								
Explanation : 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$88,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	4%			2035	* *	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Mercury								
LED	1%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entrance Lobby								
Explanation : LED Lighting Installed In 2018								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	40%			2035	* *	10	$100	
No Component	60%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$7,600	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2035	* *	1-3	$18,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$100,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$16,300	2050	* *			
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pumps In Basement								
Terminal Devices								
Air Handler	90%			2035	* *	1	$56,500	
Convector/Radiator	10%			2043	* *	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	95%			2039	* *	1	$104,400	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Split Unit	5%			2030	$120,600			
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2050	* *	4	$2,500	
Ductwork/Diffusers	50%			LIFE	* *	2	$66,100	
Terminal Devices								
Air Handler/Cool/Ht	100%			2035	* *	1	$62,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse And Basement								
Explanation : Units Located In Multiple Locations								
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$294,100	2	$70,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,600	
Exhaust Fans								
Interior	50%			2035	* *	2	$1,600	
Roof	50%			2030	$98,600	2	$1,600	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$4,000	
Backflow Preventer								
Generic	100%			2035	* *	1	$6,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$51,200	
Sprinkler								
Generic	100%			2050	* *	1-2	$28,500	
Fire Pump								
Generic	100%			2039	* *	1	$19,000	
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 69 - Q**
Address : **77-02 37 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0724.000 / 544**
Area Sq Ft : **118,000**
Date of Survey : **28-Dec-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **1288** **Lot** : **1**

Agency's Number : **Q069**
Yr Built/Renovated : **1924 / 2005**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4029892**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$66,300	$298,700
Interior Architecture	$402,600	$208,700
Electrical		$2,109,700
Mechanical	$587,900	$9,444,900
Site Pavements		$178,800
Total	**$1,056,800**	**$12,240,900**
Importance Code A	$66,300	$298,700
Importance Code B	$990,500	$11,942,200
Total	**$1,056,800**	**$12,240,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$49,500			$63,800
Interior Architecture		$6,100		$27,900
Electrical	$67,500	$17,500	$12,300	$13,000
Mechanical	$242,500	$61,000	$96,900	$144,200
Site Enclosure	$4,300			
Site Pavements	$13,700			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$387,400**	**$94,600**	**$119,100**	**$258,800**
Importance Code A	$61,200	$11,700	$11,700	$75,700
Importance Code B	$320,300	$80,700	$107,400	$183,100
Importance Code C	$5,900	$2,100		
Total	**$387,400**	**$94,600**	**$119,100**	**$258,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,500	
Masonry: Brick	50%			LIFE	* *	5	$95,400	
Masonry: Brick Cavity	35%			LIFE	* *	5	$66,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$62,000	
Windows								
Aluminum	50%			2048	* *	5	$27,800	
Aluminum	25%	0-2	$66,300	2048	* *	5	$7,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10% *Location : Various Locations Throughout*								
Aluminum	25%			2048	* *	5	$13,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,100	
Masonry: Brick	55%			LIFE	* *	5	$11,500	
Masonry: Brick Cavity	35%			LIFE	* *	5	$7,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	55%			2037	* *	10	$46,800	
Metal Panel	20%	0-2	$49,500	2037	* *			
Water Penetration, Extent : Light, Area Affected : 20% *Location : Gymnasium*								
Modified Bitumen	20%			2037	* *	10	$17,000	
Skylight, Plastic	5%			2045	* *	1		
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$27,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Various Locations* *Paint Peeling, Extent : Moderate, Area Affected : 30%* *Location : Various Locations Throughout* *Worn/Eroded, Extent : Moderate, Area Affected : 30%* *Location : Various Locations Throughout*								
Ceramic Tile	5%			2035	* *	5	$8,000	
Marble Panels	2%			LIFE	* *	5	$2,400	
Sheet Vinyl/Rubber	2%			2032	$208,700	5	$4,800	
Vinyl Tile	78%	0-2	$171,900	2042	* *	3	$46,700	
Worn/Eroded, Extent : Moderate, Area Affected : 20% *Location : Various Locations Throughout*								
Wood	5%			2067	* *	5	$15,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$4,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,400	
Gypsum Board	8%			LIFE	* *	5	$4,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$12,000	
SGFT/Glazed Masonry	17%			LIFE	* *			
Wood	1%			LIFE	* *	5	$3,400	
Ceilings								
AcousTile,Adhered	70%	Now	$111,600	2037	* *	5	$34,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Fifth Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor Corridor Near Elevator								
AcousTileSusp.Lay-In	5%			2037	* *	5	$5,000	
Exposed Struc: Steel	5%	0-2	$119,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Mechanical Areas								
Explanation : This Component Is Actually Concrete Metal Decking								
Plaster	10%			LIFE	* *	5	$6,200	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2042	* *			
Exposed Struc: Steel	10%			LIFE	* *			
Iron Picket	40%			2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 30%								
Location : At Front Side								
Free Standing Walls								
Cast in Place Concrete	21%			2052	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Lower Level								
Masonry: Brick	79%	Now	$4,300	2042	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : 77th Street Enrty Gate								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Various Locations Throughout								
Tripping Hazard, Extent : Light, Area Affected : 20%								
Location : At Side Of Building								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	75%			2037	* *			
Masonry: Granite	5%	Now	$1,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Rear Yard Stair								
Pavers/Stone	20%			2035	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Asphalt	80%	Now	$12,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Play Yard At Drain								
Rubber Matting	20%			2032	$178,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2042	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3 Vertical Sections								
Molded Case Bkrs	50%			2042	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Vertical Sections								
Raceway								
Conduit	90%			2042	* *	1		
Conduit	10%			2032	$24,400	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	85%			2040	* *	5	$2,600	
Molded Case Bkrs	10%			2031	$24,000	5	$300	
Wiring								
Braided Cloth	10%	2-4	$34,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section								
Thermoplastic	90%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$600	
Locally Mounted	20%	Now	$21,800	2052	* *	5	$100	
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : From Previous Report Of Controller Not Functioning. Custodian Can't Identify Which Controller Is Not Working.								
Also, Custodian Mentioned Having Problems With Hvac Controls.								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$36,300	
Generators								
Diesel	100%			2035	* *	1	$45,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilovolt Ampere.								
Generator Room's Heater Not Working								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,400	
Fuel Storage								
Main Tank	100%			2047	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2032	$1,723,800	10	$106,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2032	$17,600	10	$1,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
LED	1%			2032	$32,700			
Egress Lighting								
Emergency, Service	50%			2032	$36,300	1		
Exit, Service	50%			2032	$25,400	1		
Exterior Lighting								
HID	10%			2032	$55,100	10		
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$66,500	1	$13,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby, Hallways, Outside Main Door								
Explanation : CCTV Cameras, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$91,300	1-3	$21,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby, Hallways, Cafeteria, And Classrooms								
Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights, Smoke Detectors And Horns.								
Mircom Brand.								
Per Custodian: Newly Installed Fire Alarm System Is Not Yet Fdny Certified.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$116,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers, 2 Heat Exchangers For Hot Water Devices. Problem With Pneumatic Control. Repair Is Going On.								
Distribution								
Hot Wtr Piping/Pump	50%			2031	$129,000	4	$2,900	
Steam Piping/Pump	50%			2032	$472,500			
Terminal Devices								
Air Handler	20%			2032	$444,100	1	$14,600	
Convector/Radiator	25%	Now	$12,100	2037	* *	1	$8,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Different Floors								
Fan Coil Unit/Heat	50%			2032	$1,462,800	1	$19,100	
Unit Heater - Hot Water	5%	Now	$700	2027	$35,000			
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Different Floors								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2028	$2,165,300	1	$114,900	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement Air Conditioning Room								
Explanation : R-123 Being Used								
Reciprocating Compr/Chiller	5%			2032	$87,000	1	$2,700	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : 4th Floor Roof								
Split Unit	5%			2032	$140,100			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : 2 Units. R-410a								
Distribution								
CW & CHW Wtr Pipe/Pump	95%			2042	* *	4	$5,500	
No Component	5%							
Terminal Devices								
Air Handler/Cool/Ht	45%	0-2	$51,500	2032	$1,030,300	1	$29,600	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Different Floors								
Explanation : Damper Does Not Work Mechanically								
Fan Coil - 2 Pipe	5%			2032	$180,000	1	$1,900	
Fan Coil - 4 Pipe	50%			2032	$2,244,200	1	$19,100	
Heat Rejection								
Evaporative Condenser	10%			2032	$62,000	2	$8,200	
Water Cooling Tower	90%	Now	$107,300	2026	$536,400	2	$85,500	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Project For Replacing The Cooling Tower Is In Hold Due To Covid 19								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,800	
Exhaust Fans								
Interior	95%			2032	$497,200	2	$3,400	
Roof	5%	Now	$200	2032	$11,400	2	$100	
Damaged, Extent : Moderate, Area Affected : 3%								
Location : 1 Housing, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$30,300	2042	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Hot Water Leaks, Cross Bay								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 New Hot Water Heaters								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$23,600	4	$3,700	
Backflow Preventer								
Generic	100%			2037	* *	1	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$61,700	
Sprinkler								
No Component	90%							
Generic	10%			2032	$163,200	1-2	$3,300	
Chemical System								
Generic	100%			2030	$367,200	1-3	$364,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 69 - Q MINISCHOOL**				
Address	: **77-02 37 AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q069**
Program / Asset #	: **BOE0724.010 / 4361**			**Yr Built/Renovated**	: **1996 / 2008**
Area Sq Ft	: **8,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **28-Dec-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **1288**	**Lot**	: **1**	**BIN**	: **4029892**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$61,500	
Interior Architecture		$253,000
Electrical		$119,300
Mechanical		$536,900
Total	**$61,500**	**$909,100**
Importance Code A	$61,500	$208,200
Importance Code B		$700,900
Total	**$61,500**	**$909,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,600			
Interior Architecture	$30,400			$7,600
Electrical	$200	$300	$300	$200
Mechanical	$1,100	$300	$1,800	$23,900
Total	**$75,300**	**$600**	**$2,000**	**$31,800**
Importance Code A	$44,300		$700	
Importance Code B	$31,000	$600	$1,300	$31,800
Total	**$75,300**	**$600**	**$2,000**	**$31,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - Q MINISCHOOL
Asset # : 4361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Stucco Cement	100%	0-2	$43,600	2052	* *	5	$19,200	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout, At Stucco Cement Finish								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : This Component Is Actually An Eifs System								
Windows								
Aluminum	100%	Now	$61,500	2057	* *	5	$600	
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Windows Beyond Useful Life								
Roof								
Single Ply Membrane	100%			2042	* *	10	$24,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Surveyor Was Unable To Access Roof								
Interior								
Floors								
Vinyl Tile	75%	0-2	$5,100	2032	$253,000	3	$3,400	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
Vinyl Tile	25%	Now	$25,300	2042	* *	3	$1,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%								
Location : Throughout Corridors								
Interior Walls								
Fiberglass Panel	100%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	$12,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$200	
Wiring								
Thermoplastic	100%			2042	* *	1		
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - Q MINISCHOOL
Asset # : 4361

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$119,300	10	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2032	$2,500	1		
Exit, Service	50%			2032	$1,700	1		
Exterior Lighting								
HID	10%			2032	$3,700	10		
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$4,500	1	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$6,200	1-3	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations, Smoke Dertector, Strobes. Per Custodian, Fire Alarm System Not Certified By Fdny.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Radiant Heater	100%			2032	$208,200	2	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout 1st Floor								
Explanation : 10 Units. All Units Are Working Well.								
Terminal Devices								
Fan Coil Unit/Heat	100%			2032	$198,300	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q MINISCHOOL

Asset # : 4361

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2030	$130,300	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 4 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,500	
Exhaust Fans								
Interior	90%			2032	$31,900	2	$200	
Roof	10%			2032	$1,600	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Electric	100%			2027	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : All Units Are Ceiling Mounted, Located At The Ceiling Of Each Bathroom								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 69 - SI**
Address : **144 KEATING PLACE @ TRAVIS AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0944.000 / 1420**
Area Sq Ft : **110,218**
Date of Survey : **17-Nov-2021**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2366** **Lot** : **73**
Agency's Number : **R069**
Yr Built/Renovated : **1976 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5037541**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$57,900	$1,560,100
Interior Architecture	$538,000	$3,469,300
Electrical		$2,657,700
Mechanical	$373,600	$7,525,100
Site Pavements	$107,600	$224,300
Total	**$1,077,000**	**$15,436,600**
Importance Code A	$57,900	$2,511,200
Importance Code B	$716,400	$12,925,400
Importance Code C	$302,700	
Total	**$1,077,000**	**$15,436,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$116,300		$10,600	
Interior Architecture	$143,500		$15,000	$15,500
Electrical	$15,900	$10,300	$13,300	$11,500
Mechanical	$165,800	$32,200	$38,600	$30,300
Site Pavements	$24,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$470,200**	**$46,500**	**$81,400**	**$61,200**
Importance Code A	$127,200	$10,800	$21,500	$10,800
Importance Code B	$265,600	$35,700	$49,100	$50,400
Importance Code C	$77,500		$10,800	
Total	**$470,200**	**$46,500**	**$81,400**	**$61,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$98,400	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 4%								
Location : Penthouse								
Metal Panel	3%			2043	* *	5-10	$11,900	
Pre-Cast Concrete	12%			LIFE	* *	5	$45,100	
Windows								
Aluminum	100%			2041	* *	5	$21,100	
Parapets								
Masonry: Brick	10%			LIFE	* *	5-10	$10,800	
Pre-Cast Concrete	90%	Now	$57,900	LIFE	* *	5	$89,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Penthouse								
Roof								
Modified Bitumen	95%	Now	$29,400	2033	$1,470,500			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Explanation : Solar Panels								
Roll Roofing	5%			2029	$46,000	5	$11,800	
Interior								
Floors								
Cast in Place Concrete	5%	4+	$70,200	LIFE	* *	5	$18,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement, Throughout								
Ceramic Tile	5%			2036	* *	5	$8,200	
Quarry Tile	5%			2038	* *	5	$12,400	
Terrazzo	4%			LIFE	* *	5	$10,300	
Vinyl Tile	75%			2033	$3,418,000	3	$61,900	
Wood	6%			2048	* *	5	$18,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	8%	Now	$52,700	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Store Room								
Ceramic Tile	5%	2-4	$23,800	2036	* *	5	$4,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Concrete Masonry Unit	5%	Now	$81,400	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Folding Partition	5%			2041	* *	5	$21,700	
Gypsum Board	2%			LIFE	* *	5-10	$5,900	
Metal Panel	10%			LIFE	* *	10	$7,800	
Plaster	40%	Now	$168,600	LIFE	* *	5	$20,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Auditorium Instrument Room								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$21,700	
Ceilings								
AcousTile,Adhered	64%	Now	$165,100	2038	* *	5	$51,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor And Auditorium And Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor And Auditorium And Throughout								
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$50,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$16,000	
Gypsum Board	1%	Now	$600	LIFE	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Room 301								
Metal Panel	5%	2-4	$5,300	LIFE	* *	5	$10,000	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Iron Picket	50%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Throughout								
Explanation : Recent Repair Evident								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$11,500	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$8,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	85%	4+	$107,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basketball Court								
Rubber Matting	15%	2-4	$4,500	2033	$224,300			
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$25,700	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Fused Main Disconnect Switch								
Photovoltaic Panel(s)	50%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : 489 Ampere Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2033	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Fused Disc Sw	20%			2032	$47,900	5	$500	
Fused Toggle Switch	5%			2032	$12,000	5	$100	
Molded Case Bkrs	60%			2032	$143,700	5	$1,700	
Molded Case Bkrs	5%			2049	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$400	
Motor Control Center	50%			2031	$363,500	5	$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	75%			2033	$1,232,300	10	$75,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2033	$82,200	10	$5,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobbies								
LED	20%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2033	$6,800	1		
Emergency, Battery	25%			2033	$46,300	10	$6,700	
Emergency, Battery	15%	Now	$2,800	2033	$27,800			
Not Functioning, Extent : Moderate, Area Affected : 15%								
Location : Corridors And Stairs. Emergency DC Battery Bank In Electrical Room Is Not Operational								
Exit, Battery	50%			2033	$78,100	10	$3,700	
Exterior Lighting								
HID	10%	Now	$1,000	2028	$51,400			
Malfunctioning, Extent : Light, Area Affected : 2%								
Location : Outside Kitchen By Ramp								
No Component	90%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$20,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$20,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$67,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	1%			2033		1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Roof - Mechanical Room								
Explanation : For Electric Unit Heater								
Natural Gas	99%			2059	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Explanation : Gas Meter								
Conversion Equipment								
Radiant Heater	1%			2028	$28,700	2	$500	
Other Observation, Extent : N/A, Area Affected : 1%								
Location : Main Roof - Mechanical Room								
Explanation : Electric Unit Heater								
Steam Boiler	99%			2031	$951,100	1	$108,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 7746 Mbh Each								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$9,700	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Gymnasium And Other Locations								
Explanation : Air Distribution For Heating And Ventilating Air Handlers								
Steam Piping/Pump	90%	Now	$39,700	2033	$794,300			
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Basement (F T Traps)								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	Now	$12,400	2028	$622,200	1	$18,400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Room B10. 500 Cubic Feet Per Minute Approximate Capacity								
Convector/Radiator	70%			2031	$630,900	1	$24,900	
Controls								
Pneumatic	100%			2037	* *			
Air Conditioning								
Energy Source								
Electricity	90%			2032	$272,600	1		
Solar Panels	10%			2063	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Conversion Equipment								
Reciprocating Compr/Chiller	25%	Now	$81,300	2028	$406,500	1	$11,500	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Main Roof - Mechanical Room (Two Defective Compressors At Chiller No.2)								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : 2 Units. Main Roof - Mechanical Room (70 Tons Each)								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof - Mechanical Room								
Explanation : R407c Refrigerant								
Split Unit	5%			2038	* *			
Window/Wall Unit	70%	Now	$29,200	2026	$292,300	1		
On Extended Life, Extent : Light, Area Affected : 60%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Distribution								
CW & CHW Wtr Pipe/Pump	25%			2033	$44,600	4	$2,000	
Ductwork/Diffusers	20%			LIFE	* *	2	$35,900	
No Component	55%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2028	$427,700	1	$13,600	
Fan Coil - 4 Pipe	10%	Now	$8,400	2028	$419,200	1	$3,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Room 100								
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2033	$95,700	2	$23,000	
No Component	70%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,300	
Exhaust Fans								
Interior	30%			2028	$146,600	2	$1,000	
Roof	70%			2028	$149,700	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,415,600	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 75 Gallons Unit								
HW Heat Exchanger								
Steam Fired	100%			2033	$533,000	4	$16,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Backup Domestic Hot Water Heating								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$7,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 1%								
Location : Room 301								
Sump Pump(s)								
Non-Submersible	100%			2028	$22,100	4	$3,500	
Sewage Ejector(s)								
Electric	100%			2043	* *	4	$4,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
Generic	100%			2038	* *	1	$6,800	
Fixtures								
Generic	100%							
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Installation: Toilets And Urinals								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	$507,500	1-5	$57,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$152,400	1-2	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 7 - BX**
Address : **3201 KINGSBRIDGE AVENUE @ W. 232 ST.**
Borough : **BRONX**
Agency's Number : **X007**
Program / Asset # : **BOE0160.000 / 527**
Yr Built/Renovated : **1929 / 2013**
Area Sq Ft : **70,000**
Project Type : **EDUCATION**
Date of Survey : **23-Nov-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **5756** **Lot** : **195** **BIN** : **2083564**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$233,400	$147,000
Interior Architecture		$1,738,300
Electrical	$325,400	$361,400
Mechanical	$1,022,600	$904,000
Total	**$1,581,500**	**$3,150,700**
Importance Code A	$233,400	$147,000
Importance Code B	$1,348,000	$3,003,800
Total	**$1,581,500**	**$3,150,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,500	$10,200		
Interior Architecture	$31,100		$13,400	$34,600
Electrical	$1,700	$2,300	$2,300	$32,700
Mechanical	$22,300	$10,300	$15,500	$23,900
Site Enclosure	$39,700			
Total	**$129,300**	**$22,900**	**$31,300**	**$91,200**
Importance Code A	$41,400	$17,100	$6,900	$7,100
Importance Code B	$87,800	$5,700	$21,500	$84,200
Importance Code C			$2,900	
Total	**$129,300**	**$22,900**	**$31,300**	**$91,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$52,600	
Masonry: Brick	70%	2-4	$155,400	LIFE	* *	5	$94,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Masonry: Fieldstone	20%			LIFE	* *	5	$20,200	
Masonry: Limestone	5%			LIFE	* *	5	$5,100	
Windows								
Aluminum	98%			2048	* *	5	$37,500	
Steel	2%	Now	$34,500	2057	* *	5	$4,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Corrosion/Rusting, Extent : Severe, Area Affected : 90%								
Location : Basement Boiler Room								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 10%								
Location : Basement Boiler Room								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,200	
Masonry: Brick	90%			LIFE	* *	5	$16,800	
Metal Rail	5%			2045	* *	5-10	$16,800	
Roof								
Modified Bitumen	100%			2037	* *	10	$78,100	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$51,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Mechanical Room								
Ceramic Tile	5%			2041	* *	5	$5,900	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	52%			2032	$1,686,900	3	$22,900	
Vinyl Tile 9" X 9"	3%	Now	$31,100	2042	* *	3	$1,300	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Custodian Office								
Wood	15%			2047	* *	5	$33,000	
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$5,700	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$32,600	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	$13,600	
AcousTileSusp.Lay-In	20%			2037	* *	5	$21,800	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,700	
Plaster	60%			LIFE	* *	5	$40,800	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2052	* *			
Iron Picket	25%			2067	* *			
Retaining Walls								
Cast in Place Concrete	10%	4+	$2,000	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Masonry: Fieldstone	90%	4+	$37,700	2052	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Various								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	40%			2041	* *			
Cast in Place Concrete	50%			2045	* *			
Rubber Matting	10%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	60%			2031	$107,800	5	$1,100	
Molded Case Bkrs	30%			2048	* *	5	$600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$300	
Locally Mounted	25%			2045	* *	5	$100	
Variable Frequency Drive	5%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$57,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2037	* *	10	$3,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Staircases, Janitor And Storage Room								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$58,800	10	$8,400	
Exit, Service	30%			2027	$9,100	1		
Exit, Service	20%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$65,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$13,100	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Door And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	10%			2037	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Smoke Detector, Pull Box Stations And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 7500 Oil Tank And No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$69,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$11,200	2032	$560,500			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Return Pipe In Basement Fan Room. Vacuum Pump And Steam Valves In Cross Bay.								
Terminal Devices								
Air Handler	20%			2027	$263,500	1	$8,700	
Convector/Radiator	60%			2030	$343,400	1	$13,600	
Fan Coil Unit/Heat	20%			2027	$347,100	1	$4,500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	20%			2040	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Cafeteria And Main Distribution Room								
Explanation : New Units In Cafeteria And Main Distribution Room								
Window/Wall Unit	50%			2027	$132,600	1		
No Component	30%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,000	
Other Observation, Extent : Moderate, Area Affected : 8%								
Location : Sub-basement								
Explanation : Exhaust Ductwork Is Undersized For Sub-basement								
Exhaust Fans								
Interior	90%			2027	$279,400	2	$1,900	
Roof	10%	Now	$300	2027	$13,600	2	$200	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : 2 Units On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$14,000	4	$2,200	
Backflow Preventer								
No Component	50%							
Generic	50%			2032	$15,600	1	$2,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : New Wing								
Explanation : In New Wing Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$2,000	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 70 - Q**		
Address	: **30-45 42 STREET BTWN: 30 AVE., NEWTOWN RD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q070**
Program / Asset #	: **BOE0723.000 / 666**	**Yr Built/Renovated**	: **1924 / 2014**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **696** **Lot** : **14**	**BIN**	: **4442503**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$113,400	$300,600
Interior Architecture	$1,832,200	$52,700
Electrical	$99,800	$380,900
Mechanical	$61,200	$837,000
Total	**$2,106,600**	**$1,571,200**
Importance Code A	$113,400	$300,600
Importance Code B	$1,577,900	$1,270,600
Importance Code C	$415,300	
Total	**$2,106,600**	**$1,571,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$157,400	$10,600		
Interior Architecture	$183,500	$14,700		$9,800
Electrical	$15,800	$12,800	$13,900	$15,400
Mechanical	$119,100	$26,900	$28,600	$32,800
Site Pavements	$8,100			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$493,700**	**$74,900**	**$52,400**	**$67,800**
Importance Code A	$163,200	$16,300	$5,600	$5,600
Importance Code B	$271,800	$58,700	$46,800	$62,200
Importance Code C	$58,800			
Total	**$493,700**	**$74,900**	**$52,400**	**$67,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$71,000	
Glass Block	2%			LIFE	* *	5	$2,300	
Masonry: Brick	45%			LIFE	* *	5	$81,800	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick Cavity	41%			LIFE	* *	5	$74,600	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$6,800	
Metal Panel	2%			2053	* *	5-10	$12,500	
Windows								
Aluminum	85%	4+	$113,400	2049	* *	5	$11,900	
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout 1924 Wing								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Lower Floors Throughout 1924 Wing								
Explanation : Steel Security Guards Present								
Metal Louvers	15%			2042	* *	10	$26,200	
Parapets								
Masonry: Brick	35%			LIFE	* *	5-10	$17,900	
Masonry: Brick Cavity	30%			LIFE	* *	5-10	$15,300	
Metal Panel	5%			2053	* *	5	$1,400	
Metal Rail	20%			2050	* *	5-10	$27,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,400	
Roof								
Built-Up (BUR)	60%	Now	$6,000	2033	$300,600			
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : 1924 Wing Roof								
IRMA/Protected Membrane	40%			2041	* *	10	$17,200	
Soffits								
Metal Panel	100%			2059	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$105,400	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : 1924 Wing Basement								
Ceramic Tile	5%			2042	* *	5	$6,000	
Marble Panels	2%	2-4	$26,400	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	3%	0-2	$33,800	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Main Entrance Old Wing								
Traffic Topping	2%			2038	* *	5	$3,000	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Explanation : Dexotex Like Material								
Vinyl Tile	45%	Now	$149,800	2038	* *	3	$20,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 1924 Wing								
Wood	23%	0-2	$330,500	2048	* *	5	$26,000	
Deteriorated Finish, Extent : Light, Area Affected : 35%								
Location : Throughout 1924 Wing Classrooms And Gymnasium								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$71,000	
Ceramic Tile	25%	Now	$195,300	2042	* *	5	$35,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria Bathrooms								
Folding Partition	1%			2049	* *	5	$7,100	
Glass: Single Pane	2%			LIFE	* *	5	$8,500	
Gypsum Board	20%			LIFE	* *	5-10	$96,500	
Masonry: Brick	8%	Now	$86,500	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Roof Fan Room								
Marble Panels	5%			LIFE	* *	10	$5,700	
Plaster	29%			LIFE	* *	5-10	$70,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2038	* *	5	$14,700	
AcousTileSusp.Lay-In	25%			2050	* *	5	$29,500	
Exposed Struc: Concrete	25%	Now	$884,000	LIFE	* *	5	$4,600	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Behind Boiler Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement And Roof Fan Rooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Behind Boiler Room								
Gypsum Board	10%			LIFE	* *	5-10	$40,600	
Plaster	30%			LIFE	* *	5-10	$60,800	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Asphalt	50%			2042	* *			
Cast in Place Concrete	35%	0-2	$8,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Activity Yard								
Rubber Matting	15%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$300	
Raceway								
Conduit	60%			2033	$86,800	1		
Conduit	40%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$9,000	5	$100	
Fused Disc Sw	5%			2055	* *	5	$100	
Molded Case Bkrs	50%			2032	$89,800	5	$1,000	
Molded Case Bkrs	40%			2055	* *	5	$800	
Wiring								
Braided Cloth	50%	2-4	$99,800	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Building								
Thermoplastic	40%			2059	* *	1		
Thermoplastic	10%			2033	$20,000	1		
Motor Controllers								
Locally Mounted	55%			2031	$65,700	5	$300	
Variable Frequency Drive	45%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$23,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Electrical Room								
Explanation : Automatic Transfer Switch								
Generators								
Diesel	100%			2046	* *	1	$29,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 312.5 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,800	
Fuel Storage								
Day Tank	25%			2055	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Under The Generator								
Explanation : 60 Gallons Capacity								
Main Tank	75%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2038	* *	10	$61,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2038	* *	10	$3,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Fluorescent	1%			2038	* *	10	$700	
T-9 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Elevator Lobby At 1st Floor								
LED	6%			2041	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Cafeteria								
Explanation : LED Light								
Egress Lighting								
Emergency, Service	10%			2028	$4,700	1		
Emergency, Battery	50%			2038	* *	10	$9,200	
Exit, Battery	10%			2028	$10,800	10	$500	
Exit, Battery	30%			2038	* *	10	$1,500	
Exterior Lighting								
HID	10%			2038	* *	10		
HID	15%			2028	$53,200	10		
No Component	75%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$500	
Alarm								
Security System								
Generic	50%			2038	* *	1	$14,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Generic	50%			2038	* *	1	$14,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$46,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	50%			2046	* *	1	$18,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 2 Units								
Steam Boiler	50%			2038	* *	1	$37,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2055	* *	4	$1,900	
Steam Piping/Pump	50%	0-2	$15,200	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump. Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Terminal Devices								
Air Handler	10%			2028	$143,000	1	$4,700	
Air Handler	40%			2038	* *	1	$18,800	
Convector/Radiator	40%			2031	$248,600	1	$9,800	
Convector/Radiator	10%			2046	* *	1	$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2038	* *	1	$17,600	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Window/Wall Unit	30%			2028	$86,400	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2059	* *	4	$1,900	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2038	* *	1	$23,500	
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	50%			2033	$88,000	2	$26,500	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$33,500	
Ductwork/Diffusers	50%			LIFE	* *	2-5	$33,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2028	$168,500	2	$1,200	
Roof	50%			2038	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	50%	Now	$48,800	2043	* *	1		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Old Wing Building								
Explanation : Insufficient Hot Water Pressure To The Old Wing.								
Brass/Copper	50%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$102,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 1 Tankless Unit With One 430 Gallon Tank.								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,200	4	$2,400	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,000	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,700	
Fixtures								
Generic	50%							
Generic	50%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : From Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2059	* *	1-5	$19,200	
Sprinkler								
No Component	50%							
Generic	50%			2053	* *	1-2	$10,700	
Fire Pump								
No Component	50%							
Generic	50%			2042	* *	1	$7,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2026	$61,200	1-3	$60,700	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set Covers 15 Square Feet							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 71 - Q**
Address : **62-85 FOREST AVENUE @ BLEECKER ST.**
Borough : **QUEENS**
Agency's Number : **Q071**
Program / Asset # : **BOE0725.000 / 531**
Yr Built/Renovated : **1906 / 2002**
Area Sq Ft : **82,000**
Project Type : **EDUCATION**
Date of Survey : **03-Feb-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3492** **Lot** : **7** **BIN** : **4083519**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$195,300	$294,900
Interior Architecture	$1,137,500	$112,800
Electrical	$386,600	$1,874,100
Mechanical	$321,900	$1,455,200
Site Pavements	$110,500	
Total	**$2,151,700**	**$3,737,000**
Importance Code A	$195,300	$294,900
Importance Code B	$984,700	$3,389,100
Importance Code C	$971,700	$53,100
Total	**$2,151,700**	**$3,737,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,700		$5,300	
Interior Architecture	$46,500		$16,400	
Electrical	$42,600	$7,700	$7,800	$10,100
Mechanical	$48,000	$10,500	$56,900	$9,600
Site Enclosure	$1,400			
Total	**$204,100**	**$18,100**	**$86,300**	**$19,700**
Importance Code A	$72,900	$7,200	$12,500	$7,200
Importance Code B	$122,100	$10,900	$69,800	$12,500
Importance Code C	$9,200		$4,000	
Total	**$204,100**	**$18,100**	**$86,300**	**$19,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$62,600	
Masonry: Brick	95%			LIFE	* *	5	$253,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Masonry: Limestone	2%			LIFE	* *	5	$4,000	
Windows								
Aluminum	100%			2049	* *	5	$28,200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$80,100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : New Copings								
Roof								
Built-Up (BUR)	25%			2028	$168,000	10	$14,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : This Roof Was Not Replaced At Time Of Survey								
Metal Panel	5%			2046	* *	10	$5,300	
Modified Bitumen	70%			2043	* *	10	$40,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Roof								
Soffits								
Stucco Cement	100%			2038	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$47,500	
Ceramic Tile	4%			2046	* *	5	$4,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor And 3rd Floor Toilet Rooms								
Ceramic Tile	1%	Now	$61,200	2048	* *	5	$500	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Teachers Toilet Rooms								
Vinyl Tile	25%			2041	* *	3	$10,200	
Vinyl Tile	40%			2038	* *	3	$16,300	
Wood	20%			2048	* *	5	$40,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	1%	Now	$110,600	2048	* *	5	$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Teachers Toilet Rooms								
Ceramic Tile	4%			2046	* *	5	$8,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1st Floor And 3rd Floor Toilet Rooms								
Glass: Single Pane	5%			LIFE	* *	5	$15,100	
Marble Panels	2%			LIFE	* *	10	$1,600	
Plaster	88%	Now	$861,100	LIFE	* *	5	$53,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout And Toilet Rooms								
Ceilings								
AcousTileConcealSpLn	2%			2031	$35,000	5	$2,700	
Metal Panel	10%			LIFE	* *	5	$27,200	
Plaster	80%			LIFE	* *	5-10	$149,300	
Plaster	8%			LIFE	* *	5-10	$14,900	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2043	* *			
Iron Picket	80%			2053	* *			
Retaining Walls								
Cast in Place Concrete	20%	0-2	$1,400	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Play Yard								
Masonry: Brick	80%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2031				
Activity Yard								
Asphalt	93%	Now	$110,500	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Play Yard								
Cast in Place Concrete	5%			2046	* *			
Rubber Matting	2%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	85%			2032	$203,600	5	$1,800	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	60%	2-4	$175,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	30%			2033	$87,500	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$400	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$1,081,800	10	$66,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$60,900	10	$8,800	
Exit, Service	50%			2033	$15,600	1		
Exterior Lighting								
HID	10%			2028	$38,300	10		
HID	10%	Now	$38,300	2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Not Functioning								
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$153,900	1	$30,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$211,500	2043	* *	1-3	$45,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$71,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	90%			2031	$534,100	1	$21,100	
Fan Coil Unit/Heat	10%			2028	$179,900	1	$2,300	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Lunch Area								
Explanation : 1 Condemned Air Handler In Lunch Area.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2026	$41,200	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : All Ductwork Has Been Disconnected Due To No Forced Air In The Building.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	0-2	$321,900	2043	* *	2	$1,800	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galvanized Steel	80%	0-2	$14,800	2031	$741,200	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve, Basement								
Water Heater With Tanks								
Electric	50%			2031	$11,800	4		
Gas Fired	50%			2032	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$16,400	4	$2,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$30,100	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 72 - BK ANNETTE P. GOLDMAN**		
Address	: **605 SHEPHERD AVENUE BTWN: BLAKE AVE. AND DUMONT AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K072**
Program / Asset #	: **BOE0394.000 / 187**	**Yr Built/Renovated**	: **1975 / 2000**
Area Sq Ft	: **124,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4069** **Lot** : **1**	**BIN**	: **3090219**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$146,700	$236,700
Interior Architecture	$234,900	$208,100
Electrical		$1,797,800
Mechanical		$8,322,100
Total	**$381,600**	**$10,564,700**
Importance Code A	$146,700	$1,368,900
Importance Code B	$183,300	$9,195,900
Importance Code C	$51,600	
Total	**$381,600**	**$10,564,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$11,800	$8,700	
Interior Architecture	$99,600		$15,300	$14,600
Electrical	$13,400	$11,600	$14,600	$13,200
Mechanical	$114,900	$53,600	$33,600	$42,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$231,900**	**$81,000**	**$76,100**	**$74,100**
Importance Code A	$22,500	$24,100	$21,000	$12,300
Importance Code B	$152,600	$56,900	$55,100	$56,600
Importance Code C	$56,800			$5,200
Total	**$231,900**	**$81,000**	**$76,100**	**$74,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 72 - BK ANNETTE P. GOLDMAN
Asset # : 187

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	100%			LIFE	* *	5	$293,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Aluminum	100%			2055	* *	5	$23,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Windows								
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	95%			2038	* *	10	$90,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Metal Panel	5%			2046	* *	10	$8,700	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$123,200	
Ceramic Tile	5%			2042	* *	5	$9,400	
Quarry Tile	2%			2046	* *	5	$5,600	
Terrazzo	5%			LIFE	* *	5	$14,700	
Vinyl Tile	20%	0-2	$51,900	2038	* *	3	$14,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	53%			2038	* *	3	$37,300	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$10,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$16,700	
Folding Partition	5%			2049	* *	5	$26,000	
Metal Panel	10%			LIFE	* *	10	$9,400	
Plaster	45%			LIFE	* *	5-10	$79,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$26,000	
Ceilings								
AcousTile,Adhered	44%			2038	* *	5	$82,600	
Exposed Struc: Concrete	34%			LIFE	* *	5-10	$79,800	
Fiber Board	5%			2033	$146,400			
Metal Panel	2%			LIFE	* *	5	$9,400	
Plaster	15%			LIFE	* *	5-10	$48,400	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 72 - BK ANNETTE P. GOLDMAN
Asset # : 187

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Sidewalk Shed Installed With Netting Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Sidewalk								
Explanation : Sidewalk Shed Installed Throughout								
On-Site Walkways								
Cast in Place Concrete	98%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Exterior								
Explanation : Sidewalk Shed Installed Throughout								
Masonry: Granite	2%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Steps								
Explanation : Sidewalk Shed Installed Throughout								
Activity Yard								
Asphalt	60%			2042	* *			
Cast in Place Concrete	30%			2038	* *			
Rubber Matting	10%			2038	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 3,000 Amperes And 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	100%			2033	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	90%			2032	$269,400	5	$2,900	
Wiring								
Thermoplastic	100%			2033	$341,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 72 - BK ANNETTE P. GOLDMAN
Asset # : 187

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$700	
Motor Control Center	20%			2031	$145,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$108,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$15,000	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
Generic	100%			2028	$232,800	1	$46,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$76,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$288,300	5	$38,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 72 - BK ANNETTE P. GOLDMAN
Asset # : 187

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	5%	0-2	$10,800	2031	$54,000	1	$5,500	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Doors Of Both Units								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Explanation : Defective Burners								
Steam Boiler	95%			2031	$1,026,800	1	$116,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2032	$54,200	4	$1,800	
Steam Piping/Pump	80%	0-2	$39,700	2033	$794,400			
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	25%			2033	$583,400	1	$19,200	
Convector/Radiator	65%			2031	$659,100	1	$26,000	
Fan Coil Unit/Heat	10%			2028	$307,400	1	$4,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2028	$548,800	1	$17,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Sets In Basement Fan Room								
Window/Wall Unit	50%			2028	$234,900	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2043	* *	4	$1,800	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2033	$577,500	1	$23,000	
No Component	70%							
Heat Rejection								
Dry Cooler	100%			2033	$455,200	2	$86,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$109,500	
Exhaust Fans								
Interior	50%			2033	$275,000	2	$1,900	
Roof	50%			2028	$120,300	2	$1,900	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 72 - BK ANNETTE P. GOLDMAN
Asset # : 187

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,592,600	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$599,600	4	$18,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$24,800	4	$3,900	
Sewage Ejector(s)								
Electric	100%			2033	$64,900	4	$7,400	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$62,500	
Sprinkler								
No Component	95%							
Generic	5%			2033	$85,700	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 72 - M**			
Address	:	**131 EAST 104 STREET @LEXINGTON AVENUE**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M072**
Program / Asset #	:	**BOE0044.000 / 1678**	**Yr Built/Renovated**	:	**1924 / 2012**
Area Sq Ft	:	**74,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**17-Mar-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**1632** **Lot** : **11**	**BIN**	:	**1081340**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$83,800
Interior Architecture	$85,900	$64,500
Electrical	$471,700	$368,400
Mechanical	$557,300	$548,300
Total	**$1,114,900**	**$1,065,000**
Importance Code A	$77,400	$83,800
Importance Code B	$951,600	$981,200
Importance Code C	$85,900	
Total	**$1,114,900**	**$1,065,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$22,300		$15,600
Interior Architecture	$141,600	$7,300		$38,700
Electrical	$21,200	$2,500	$2,600	$11,000
Mechanical	$48,800	$11,100	$12,500	$48,400
Total	**$211,600**	**$43,200**	**$15,100**	**$113,600**
Importance Code A	$5,100	$29,600	$7,300	$23,000
Importance Code B	$183,600	$9,800	$7,800	$90,600
Importance Code C	$22,800	$3,800		
Total	**$211,600**	**$43,200**	**$15,100**	**$113,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$83,800	
Masonry: Limestone	20%			LIFE	* *	5	$15,700	
Windows								
Aluminum	98%			2040	* *	5	$35,500	
Metal Louvers	2%			2035	* *	10	$4,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$10,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Pre-Cast Concrete	10%			LIFE	* *	5	$7,300	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Roof								
Built-Up (BUR)	5%			2037	* *	10	$2,200	
Modified Bitumen	60%			2040	* *	10	$26,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Single Ply Membrane	30%			2037	* *	10	$13,300	
Skylight, Metal/Glass	5%			2052	* *	10	$7,400	
Interior								
Floors								
Cast in Place Concrete	15%	2-4	$29,200	LIFE	* *	5	$37,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridors								
Ceramic Tile	5%	Now	$6,500	2035	* *	5	$2,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$1,800	
Traffic Topping	38%			2037	* *	5	$54,400	
Vinyl Tile	3%	Now	$28,500	2042	* *	3	$1,300	
Adhesion Failure, Extent : Moderate, Area Affected : 50%								
Location : Stairs To Roof								
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Stairs To Roof, Classrooms								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Vinyl Tile	25%			2037	* *	3	$10,700	
Vinyl Tile 9" X 9"	2%	Now	$20,200	2042	* *	3	$900	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Classroom								
Wood	10%			2047	* *	5	$21,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$7,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Glass: Single Pane	5%	Now	$22,800	LIFE	* *	5	$5,600	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	15%	Now	$85,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Foundation Wall - Within Electrical Vault In Basement Fan Room								
Plaster	70%			LIFE	* *	5	$31,600	
Ceilings								
Exposed Struc: Concrete	10%	Now	$34,300	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Plaster	90%			LIFE	* *	5	$64,500	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2058	* *			
Iron Picket	20%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	100%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$195,100	2062	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Obsolete Equipment And On Extended Life								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Fused Toggle Switch	5%	0-2	$9,000	2057	* *	5		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment And On Extended Life								
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	75%			2031	$134,700	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Thermoplastic	10%			2032	$20,000	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$300	
Locally Mounted	30%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	2%			2037	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	98%			2037	* *	10	$66,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$8,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$69,100	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2037	* *	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Conversion Equipment								
Steam Boiler	70%			2037	* *	1	$51,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Steam Boiler	30%	0-2	$77,400	2037	* *	1	$19,800	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Basenment. One Boiler Out Of Service Due To Multiple Mechanical And Electrical Defects								
Distribution								
Steam Piping/Pump	100%	Now	$29,600	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Supply Line On Top Of Water Main Valve, Basement								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Condensate Return And Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : South Side								
Explanation : Not Enough Heat In South Side								
Terminal Devices								
Air Handler	20%			2027	$278,500	1	$9,200	
Convector/Radiator	75%	0-2	$9,100	2030	$453,800	1	$16,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : One Radiator On 4th Floor Is Leaking								
Unit Heater - Steam	5%	Now	$400	2027	$21,000	4	$300	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	25%	0-2	$3,500	2027	$70,100	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Explanation : Constant Power Cut Off When Air Condition Is Turn On								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$16,500	
No Component	60%							
Exhaust Fans								
Interior	40%			2027	$131,300	2	$900	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2042	* *	1		
Galvanized Steel	10%			2030	$94,500	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 73 - BK**		
Address	: **251 MACDOUGAL STREET BTWN: ROCKAWAY AVE., MOTHER GAST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K073**
Program / Asset #	: **BOE0395.000 / 1389**	**Yr Built/Renovated**	: **1889 / 2011**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2022**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,Ph**		
Block	: **1527** **Lot** : **40**	**BIN**	: **3345243**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$165,600	$365,500
Interior Architecture	$1,369,400	$115,900
Electrical	$196,800	$820,100
Mechanical	$72,000	$2,882,900
Total	**$1,803,800**	**$4,184,300**
Importance Code A	$165,600	$365,500
Importance Code B	$1,157,900	$3,818,800
Importance Code C	$480,300	
Total	**$1,803,800**	**$4,184,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,500			
Interior Architecture	$137,700		$6,200	$4,600
Electrical	$20,500	$7,000	$8,500	$7,900
Mechanical	$136,000	$10,800	$17,700	$10,800
Site Enclosure	$19,500			
Site Pavements	$102,500			
Total	**$460,700**	**$17,800**	**$32,400**	**$23,300**
Importance Code A	$51,900	$7,300	$7,300	$7,300
Importance Code B	$324,000	$10,400	$25,100	$13,400
Importance Code C	$84,900			$2,600
Total	**$460,700**	**$17,800**	**$32,400**	**$23,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2068	* *	10	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Bulkheads								
Explanation : Copper Cladding								
Masonry: Brick	85%			LIFE	* *	5	$217,700	
Painted Surfaces, Extent : Moderate, Area Affected : 15%								
Location : Along Macdougal Street								
Masonry: Brownstone	10%			LIFE	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Base Of Exterior Walls								
Windows								
Aluminum	10%	Now	$3,600	2049	* *	5	$1,700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Stairwell And Bathrooms								
Metal Louvers	1%			2042	* *	10	$2,100	
Wood	89%	Now	$26,700	2049	* *	5	$151,900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	$66,500	
Metal Cornice	35%			2061	* *	10	$27,400	
Metal Panel	25%			2043	* *	5	$23,500	
Roof								
Built-Up (BUR)	25%			2038	* *	10	$23,300	
Copper/Terne	45%			2061	* *	10	$104,700	
Modified Bitumen	25%			2038	* *	10	$23,300	
Slate	5%			LIFE	* *	10	$4,700	
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$38,800	
Ceramic Tile	5%	Now	$68,500	2036	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Staff Bathrooms								
Marble Panels	5%			LIFE	* *	5	$8,300	
Traffic Topping	2%	0-2	$34,800	2033	$115,900	5	$1,400	
Wrinkling, Extent : Severe, Area Affected : 100%								
Location : Stairway No. 9								
Vinyl Tile	45%			2038	* *	3	$18,700	
Vinyl Tile 9" X 9"	15%	Now	$321,500	2043	* *	3	$6,200	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Classrooms And Corridors								
Wood	20%	0-2	$434,600	2048	* *	5	$20,800	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	1%	Now	$23,200	2036	* *	5	$600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Staff Bathrooms								
Ceramic Tile	4%			2042	* *	5	$5,100	
Masonry: Brick	20%	Now	$268,000	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Marble Panels	1%			LIFE	* *	10	$500	
Plaster	62%	Now	$212,300	LIFE	* *	5	$23,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 1st And 2nd Floor								
Plywood/Hardboard	2%			LIFE	* *	10	$300	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$6,400	
Ceilings								
Embossed Metal	62%	Now	$45,300	LIFE	* *	5	$30,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Corridors								
Exposed Struc: Concrete	3%			LIFE	* *	5-10	$4,200	
Plaster	35%	0-2	$64,600	LIFE	* *	5	$24,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	70%	0-2	$19,500	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Iron Picket	30%			2068	* *			
Retaining Walls								
Cast in Place Concrete	30%			2068	* *			
Masonry: Brick	70%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$45,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Macdougal Street And Rockaway Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$35,000	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot Entrance								

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DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	80%	0-2	$22,400	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	20%			2038	* *			

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$49,600	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$213,600	5	$300	
Raceway								
Conduit	90%			2033	$142,500	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Toggle Switch	1%	2-4	$2,000	2058	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	90%			2032	$177,100	5	$1,800	
Molded Case Bkrs	4%			2049	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$196,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$65,400	5	$300	
Locally Mounted	50%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$11,400	LIFE	* *	5	$1,100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	99%			2038	* *	10	$67,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2028	$9,600	10		
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$8,900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$154,200	1	$28,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$46,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$73,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	20%	0-2	$2,600	2033	$129,900			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Steam Piping/Pump	80%			2033	$519,700			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%	0-2	$15,300	2028	$152,700	1	$4,100	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : The Unit For Auditorium								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Sub-basement, House And Auditorium Air Handling Equipment Is Beyond Useful Life Cycle Rating								
Air Handler	10%			2038	* *	1	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Level								
Explanation : 2 Units For Cafeteria.								
Convector/Radiator	80%			2031	$530,700	1	$19,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : All Radiators Have Been Retrofitted With New Danfoss Type Valve And Steam Traps								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	5%	0-2	$15,400	2033	$15,400	1		
Malfunctioning, Extent : Light, Area Affected : 30%								
Location : Multiple Mechanical And Electrical Defects. Various Locations								
Window/Wall Unit	60%			2031	$184,400	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	12%	0-2	$42,800	LIFE	* *	2-5	$5,000	
Needs Cleaning, Extent : Moderate, Area Affected : 30%								
Location : The Ductwork In Penthouse, And The Blower For New Wing In Sub-basement								
Ductwork/Diffusers	88%			LIFE	* *	2-5	$57,600	
Exhaust Fans								
Interior	20%	2-4	$72,000	2043	* *	2	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Interior	70%			2028	$251,900	2	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	10%	0-2	$800	2033	$15,700	2	$200	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : 2 Restroom Exhaust Fans. Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$20,800	2033	$1,042,000	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Water Heater With Tanks								
Electric	50%			2031	$25,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room And Kitchen								
Explanation : 2 Unit. One 80 Gallons, One 30 Gallons								
Gas Fired	50%	Now	$3,700	2028	$18,700	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit With One 150 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	Now	$2,900	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2033	$36,200	1	$4,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$56,100	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 75 - BK**			
Address	:	**95 GROVE STREET BTWN: CENTRAL AVE., EVERGREEN AV**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K075**
Program / Asset #	:	**BOE0396.000 / 1081**	**Yr Built/Renovated**	:	**1908 / 2006**
Area Sq Ft	:	**54,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**08-Mar-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3,4**			
Block	:	**3314** **Lot** : **1**	**BIN**	:	**3075879**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$655,300	
Interior Architecture	$3,456,100	
Electrical		$957,000
Mechanical	$1,043,600	$2,280,200
Total	**$5,155,100**	**$3,237,200**
Importance Code A	$655,300	$470,700
Importance Code B	$3,309,500	$2,766,500
Importance Code C	$1,190,300	
Total	**$5,155,100**	**$3,237,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$86,200			
Interior Architecture	$44,200		$11,200	$9,900
Electrical	$6,800	$5,000	$6,400	$6,100
Mechanical	$165,200	$27,600	$30,900	$46,000
Site Enclosure	$29,000			
Site Pavements	$32,100			
Total	**$363,500**	**$32,600**	**$48,600**	**$61,900**
Importance Code A	$95,600	$5,300	$5,300	$5,300
Importance Code B	$220,500	$27,300	$43,200	$56,600
Importance Code C	$47,400			
Total	**$363,500**	**$32,600**	**$48,600**	**$61,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$38,100	
Masonry: Brick	85%			LIFE	* *	5	$83,000	
Expansion Joint Failure, Extent : Moderate, Area Affected : 10%								
Location : At All Building Exits								
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,700	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$16,800	
Windows								
Aluminum	100%	Now	$655,300	2049	* *	5	$11,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout 1st Floor								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Classroom, 2nd Floor Classroom And Stair								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$24,300	
Panel: Limestone	10%			LIFE	* *	5-10	$3,400	
Roof								
Metal Panel	5%			2038	* *	10	$2,600	
Under Construction	95%							
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,500	
Ceramic Tile	5%			2042	* *	5	$4,200	
Quarry Tile	5%			2046	* *	5	$6,300	
Vinyl Tile	75%	Now	$1,728,200	2043	* *	3	$23,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 45%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : 4th Floor Classrooms And Storage Room								
Explanation : Substrate Dry Rot								
Wood	5%			2061	* *	5	$7,800	
Interior Walls								
Ceramic Tile	5%	Now	$63,300	2042	* *	5	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairwells								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Stairwells								
Glass: Special Gauge	2%			LIFE	* *	1		
Masonry: Brick	20%	Now	$584,400	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Operable Wall	2%	Now	$178,600	2063	* *	5	$2,700	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Plaster	65%	Now	$364,000	LIFE	* *	5	$15,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 4th Floor Classrooms								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout 4th Floor And Basement								
Wood	6%			LIFE	* *	5	$36,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$8,300	
Exposed Struc: Concrete	15%	Now	$187,500	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Exposed Struc: Steel	2%			LIFE	* *	10	$3,300	
Metal Panel	4%			LIFE	* *	5	$8,300	
Plaster	69%	Now	$350,100	LIFE	* *	5	$36,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout 4th Floor								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout 4th Floor And Gymnasium								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Explanation : Blocked By Construction Safety Netting And Construction Screening								
Free Standing Walls								
Masonry: Brick	100%	Now	$29,000	2043	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : North Property Line								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$16,900	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : At Tree Pits Along Menahan Street								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%	Now	$15,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Rear Yard								
Explanation : Portion Of Basement Under Activity Yard, Leaking								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$25,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Inside Cafeteria								
Explanation : One 1,600 Ampere Main Disconnect Switch And One 400 Ampere Main For Fire Pump								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$195,100	5	$1,400	
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$1,400	
Wiring								
Thermoplastic	70%			2033	$139,700	1		
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	$7,200	5		
Motor Control Center	90%			2031	$265,900	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$48,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 10%								
Location : Throughout The Building								
Incandescent	1%			2028	$15,000	2		
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$36,300	10	$5,200	
Exit, Battery	50%			2038	* *	10	$1,800	
Exterior Lighting								
No Component	90%							
Not Accessible	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Scaffolding Around The Building								
Alarm								
Security System								
Generic	100%			2028	$101,400	1	$20,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$139,300	1-3	$34,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Fuel Oil Service Discontinued. Fuel Oil Tanks Abandoned In Vault.								
Conversion Equipment								
Steam Boiler	100%	Now	$9,400	2031	$470,700	1	$48,100	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Pressure Relief Valve At Boiler Number 1								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$43,200	2033	$432,400			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump Breaker Trips Regularly To Cause Flooding In Basement								
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Boiler Feedwater Pump In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$20,300	2028	$203,200	1	$6,000	
Not in Service, Extent : Severe, Area Affected : 17%								
Location : Air Handler Number 2 Steam Heating Coils Leaking.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 6 Units								
Convector/Radiator	80%	Now	$35,300	2038	* *	1	$12,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : First Floor Hallway And Areas On The Third And Fourth Floor.								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Basement								
Explanation : Electric Unit Heaters								
Controls								
Pneumatic	100%	Now	$1,043,600	2038	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Equipment And Components Are Obsolete And Do Not Operate.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	2%			2033	$25,600			
Window/Wall Unit	80%			2028	$163,700	1		
No Component	18%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,700	
Exhaust Fans								
Interior	30%			2028	$71,800	2	$500	
Roof	70%			2038	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$693,500	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$10,800	4	$1,700	
Backflow Preventer								
Generic	100%			2033	$24,100	1	$3,300	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 200 Gallon Tanks								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$27,200	
Sprinkler								
No Component	85%							
Generic	15%			2043	* *	1-2	$2,300	
Fire Pump								
Generic	100%			2036	* *	1	$10,100	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 60 Square-foot Hood								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 75 - BK MINISCHOOL**		
Address	: **95 GROVE STREET BTWN: CENTRAL AVE., EVERGREEN AV**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K875**
Program / Asset #	: **BOE0396.010 / 1390**	**Yr Built/Renovated**	: **1971 /**
Area Sq Ft	: **9,120**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3314** **Lot** : **1**	**BIN**	: **3075879**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$400,700	
Interior Architecture	$150,400	$358,600
Electrical		$71,700
Mechanical	$194,900	$117,100
Total	**$746,100**	**$547,400**
Importance Code A	$400,700	
Importance Code B	$194,900	$547,400
Importance Code C	$150,400	
Total	**$746,100**	**$547,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$30,700			
Interior Architecture	$64,400			$1,600
Electrical	$5,400	$900	$900	$1,100
Mechanical	$3,600	$500	$1,300	$500
Total	**$104,100**	**$1,300**	**$2,200**	**$3,200**
Importance Code A	$31,200	$500	$500	$500
Importance Code B	$73,000	$900	$1,800	$2,800
Importance Code C				
Total	**$104,100**	**$1,300**	**$2,200**	**$3,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 75 - BK MINISCHOOL
Asset # : 1390

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Metal Panel	100%	Now	$318,100	2043		* *	5	$30,000	
Deformed/Dented, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Seams Open/Split, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Windows									
Aluminum	100%	Now	$82,600	2058		* *	5	$900	
Air Infiltration, Extent : Moderate, Area Affected : 75%									
Location : Throughout									
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Weather Strip Missing, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Worn/Eroded, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Roof									
Metal, Corrugated	100%	Now	$24,900	2038		* *	1		
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Soffits									
Metal Panel	100%	Now	$5,800	2043		* *	5	$4,100	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Interior									
Floors									
Ceramic Tile	5%	0-2	$3,900	2042		* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Entry Foyer									
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Entry Foyer									
Patching Evident, Extent : Light, Area Affected : 5%									
Location : Entry Foyer									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Entry Foyer									
Vinyl Tile	95%	0-2	$17,900	2033	$358,600		3	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Patching Evident, Extent : Moderate, Area Affected : 10%									
Location : Corridors, Classrooms									

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
P. S. 75 - BK MINISCHOOL
Asset # : 1390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	35%	0-2	$74,400	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	65%	0-2	$76,000	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	95%	Now	$41,800	2038	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridor And Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Corridor								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Corridor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$1,700	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : Two 200 Ampere Main Disconnect Switches For Power And Lighting								
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Molded Case Bkrs	100%			2032	$29,900	5	$200	
Wiring								
Thermoplastic	90%			2033	$19,300	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 75 - BK MINISCHOOL
Asset # : 1390

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$8,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,100	
Exit, Battery	50%			2038	* *	10	$300	
Exterior Lighting								
HID	10%	Now	$4,300	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$17,100	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$23,500	1-3	$5,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	$2,400	1		
Conversion Equipment								
Furnace	100%			2028	$28,400	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : See Air Conditioning								
Controls								
Electrical	100%			2026	$50,700			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2027	$144,200	2	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units With Duct Mounted Gas Furnaces								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK MINISCHOOL

Asset # : 1390

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2028	$17,700	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$117,100	1		
Water Heater With Tanks								
Electric	100%			2031	$47,300	4		
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Water Heater Room							
	Explanation : 100-gallon Tank							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 75 - M**
Address : **735 WEST END AVENUE BTWN: WEST 95 ST., WEST 96 ST.**
Borough : **MANHATTAN** | **Agency's Number** : **M075**
Program / Asset # : **BOE0045.000 / 1679** | **Yr Built/Renovated** : **1950 / 2009**
Area Sq Ft : **92,000** | **Project Type** : **EDUCATION**
Date of Survey : **16-Nov-2021** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1253** **Lot** : **65** | **BIN** : **1034190**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$386,800	$126,200
Interior Architecture	$4,978,200	
Electrical	$175,000	$921,500
Mechanical	$198,300	$951,900
Site Enclosure	$248,300	
Site Pavements	$152,600	
Total	**$6,139,300**	**$1,999,600**
Importance Code A	$386,800	$126,200
Importance Code B	$5,374,800	$1,873,400
Importance Code C	$377,700	
Total	**$6,139,300**	**$1,999,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,500			
Interior Architecture	$84,600		$8,300	$6,100
Electrical	$21,900	$8,600	$10,700	$9,700
Mechanical	$101,600	$15,500	$20,200	$16,500
Site Enclosure			$10,700	
Site Pavements	$64,500			
Total	**$299,100**	**$24,100**	**$49,900**	**$32,300**
Importance Code A	$35,600	$9,100	$9,100	$9,100
Importance Code B	$190,700	$15,000	$30,100	$21,900
Importance Code C	$72,800		$10,700	$1,300
Total	**$299,100**	**$24,100**	**$49,900**	**$32,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$121,800	LIFE	* *	5	$73,900	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Into Basement Through Foundation Wall								
Masonry: Limestone	2%			LIFE	* *	5	$2,300	
Metal Panel	3%			2053	* *	5-10	$16,100	
Windows								
Aluminum	95%	4+	$115,300	2049	* *	5	$12,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Throughout								
Steel	5%	Now	$95,700	2058	* *	5	$8,000	
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Stair A And B								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Stair A And B								
Hardware Missing, Extent : Severe, Area Affected : 10%								
Location : Stair A And B								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$63,300	
Masonry: Limestone	20%			LIFE	* *	5-10	$28,200	
Roof								
Built-Up (BUR)	98%			2041	* *	10	$52,300	
Ponding, Extent : Light, Area Affected : 2%								
Location : 3rd Floor Lower Roof Near Stairway C								
Metal Panel	2%			2050	* *	10	$2,000	
Soffits								
Metal Panel	100%			2043	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Ceramic Tile	1%			2036	* *	5	$800	
Ceramic Tile	4%			2042	* *	5	$3,400	
Quarry Tile	5%			2046	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	45%			2038	* *	3	$14,200	
Vinyl Tile 9" X 9"	30%	Now	$4,448,400	2043	* *	3	$9,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout, Rooms 124, G32, G26, 207, 208, 204, Staircases								
Loose/Delam Surface, Extent : Severe, Area Affected : 30%								
Location : Throughout, Staircases								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			2068	* *	5	$7,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$8,200	
Ceramic Tile	1%	Now	$10,800	2036	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Ceramic Tile	4%			2042	* *	5	$2,600	
Concrete Masonry Unit	8%			LIFE	* *	5	$4,200	
Gypsum Board	2%			LIFE	* *	5-10	$2,200	
Plaster	55%			LIFE	* *	5-10	$30,700	
SGFT/Glazed Masonry	25%	Now	$147,300	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout Hallways								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Explanation : Vertical Cracks At Corners Of Piers								
Ceilings								
AcousTileSusp.Lay-In	5%	0-2	$3,500	2038	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Yoga Room								
Exposed Struc: Concrete	20%	Now	$50,400	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Fiber Board	10%	4+	$26,200	2038	* *			
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Plaster	65%	Now	$332,200	LIFE	* *	5	$34,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Aluminum Rail	10%			2046	* *	5-10	$17,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : On Roof Metal Guard Railing								
Iron Picket	90%	4+	$138,100	2068	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 96th Street								
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	55%			2053	* *			
Masonry: Brick	45%	4+	$110,200	2053	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Tops Of Brick Wall At Front Entrance								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$34,100	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : West End Avenue								
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$92,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	4+	$30,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Rear Parking Area								
Activity Yard								
Asphalt	50%	Now	$60,400	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Play Yard On Riverside Drive								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Play Yard At Removed Tree Location								
Rubber Matting	50%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Molded Case Bkrs	50%			2043	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	90%			2032	$215,500	5	$2,200	
Molded Case Bkrs	10%			2041	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$175,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	30%			2033	$87,500	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$500	
Locally Mounted	10%	2-4	$11,900	2053	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	10%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$82,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Exit, Service	50%			2038	* *	1		
Exit, Battery	50%			2038	* *	10	$3,100	
Exterior Lighting								
HID	20%			2028	$85,900	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$600	
Alarm								
Security System								
Generic	100%			2033	$172,700	1	$34,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$56,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$91,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two New Gas Boilers								
Distribution								
Steam Piping/Pump	100%	2-4	$73,700	2059	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Leaking								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	15%			2033	$259,700	1	$8,500	
Convector/Radiator	85%			2038	* *	1	$25,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	15%	0-2	$65,500	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Two Split Units Are Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 7 Units, R-410a Refrigerant								
Window/Wall Unit	75%	0-2	$26,100	2028	$261,400	1		
Broken, Extent : Light, Area Affected : 10%								
Location : Various Locations								
No Component	10%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2038	* *	1	$4,500	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2033	$36,000	2	$9,600	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,200	
Exhaust Fans								
Interior	90%			2033	$367,200	2	$2,500	
Roof	10%			2028	$17,900	2	$300	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$59,100	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valve, Basement								
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	2-4	$32,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement. Undersized Water Drain Piping Clogged								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Water Backing Up In Basement During Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%			2043	* *	4	$1,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$63,600	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 75 - Q (R PERRY SCHOOL)**		
Address	: **16-66 HANCOCK STREET @ CYPRESS AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q075**
Program / Asset #	: **BOE0729.000 / 533**	**Yr Built/Renovated**	: **1974 / 2001**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3549** **Lot** : **44**	**BIN**	: **4085584**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,239,500	$58,300
Interior Architecture	$694,900	$2,089,000
Electrical		$1,003,200
Mechanical		$1,707,100
Total	**$1,934,400**	**$4,857,600**
Importance Code A	$1,239,500	$58,300
Importance Code B	$441,200	$4,799,300
Importance Code C	$253,700	
Total	**$1,934,400**	**$4,857,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$88,400		$7,100	
Interior Architecture	$94,100		$13,100	$10,200
Electrical	$6,400	$5,500	$7,200	$6,200
Mechanical	$102,100	$12,500	$14,100	$9,600
Site Pavements	$39,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$334,800**	**$22,000**	**$45,500**	**$30,000**
Importance Code A	$94,200	$5,800	$13,000	$5,800
Importance Code B	$192,600	$16,100	$32,500	$24,200
Importance Code C	$47,900			
Total	**$334,800**	**$22,000**	**$45,500**	**$30,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 75 - Q (R PERRY SCHOOL)
Asset # : 533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	Now	$1,015,000	LIFE	* *	5	$58,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East Facade, Third Floor Classrooms								
Pre-Cast Concrete	10%			LIFE	* *	5	$42,100	
Windows								
Aluminum	100%	Now	$138,200	2049	* *	5	$7,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Heads Throughout, Room 319								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$53,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,900	
Roof								
Built-Up (BUR)	95%	Now	$86,300	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Low Roof Over Locker Rooms, Therapy Room, Toilets								
Metal Panel	5%			2046	* *	10	$7,100	
Soffits								
Cast in Place Concrete	80%	Now	$15,800	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Stucco Cement	20%	0-2	$500	2046	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,700	
Ceramic Tile	3%			2042	* *	5	$3,000	
Quarry Tile	5%			2046	* *	5	$7,500	
Terrazzo	2%			LIFE	* *	5	$3,100	
Vinyl Tile	70%	Now	$386,700	2033	$1,933,400	3	$26,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms, Room 127								
Wood	10%			2061	* *	5	$18,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 75 - Q (R PERRY SCHOOL)
Asset # : 533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$15,600	2042	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Teachers Toilet Room, Boys And Girls Toilet Rooms								
Concrete Masonry Unit	15%			LIFE	* *	5	$13,600	
Folding Partition	5%			2049	* *	5	$14,200	
Folding Partition	2%			2049	* *	5	$5,700	
Mosaic Tile	2%			LIFE	* *	10	$1,400	
Plaster	46%	Now	$253,700	LIFE	* *	5	$15,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Windows, Rooms 101, 108 And 112, Third Floor, Gymnasium Office, Gymnasium Storage								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,200	
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$31,200	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$62,300	
Fiber Board	10%			2033	$155,600			
Plaster	15%	Now	$22,700	LIFE	* *	5	$9,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Gymnasium Office And Storage, Therapy Room								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2059	* *			
Chain Link	40%			2043	* *			
Iron Picket	50%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$39,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Hancock Street Near Front Entrance								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Hancock Street Near Front Entrance								
On-Site Walkways								
Asphalt	80%			2042	* *			
Cast in Place Concrete	18%			2046	* *			
Masonry: Granite	2%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	90%			2042	* *			
Rubber Matting	10%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 75 - Q (R PERRY SCHOOL)
Asset # : 533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$25,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2032	$21,000	5	$200	
Molded Case Bkrs	80%			2032	$111,800	5	$1,200	
Molded Case Bkrs	5%			2049	* *	5	$100	
Wiring								
Thermoplastic	95%			2033	$189,600	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	15%			2033	$131,900	10	$8,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	85%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%			2033	$49,500	10	$7,100	
Exit, Service	50%			2033	$12,700	1		
Exterior Lighting								
HID	10%			2028	$27,500	10		
HID	10%			2033	$27,500	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2036	* *	5	$800	
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 75 - Q (R PERRY SCHOOL)
Asset # : 533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$110,800	1	$22,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$36,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	80%			2033	$378,000			
Steam Piping/Pump	20%			2059	* *			
Terminal Devices								
Air Handler	20%			2033	$222,100	1	$7,300	
Convector/Radiator	80%			2031	$386,000	1	$15,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$13,400	2028	$134,100	1		
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 50 Percent Of Units Are Not Working In Various Locations								
Window/Wall Unit	10%	0-2	$22,400	2033	$22,400	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,100	
Exhaust Fans								
Interior	50%			2033	$130,800	2	$900	
Roof	50%			2028	$57,200	2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 75 - Q (R PERRY SCHOOL)
Asset # : 533

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2043	* *	1		
Galvanized Steel	50%	0-2	$37,700	2031	$376,600	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valve In Basement.								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations In Basement								
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$1,900	
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$3,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$29,800	
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$1,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 76 - M**
Address : **220 WEST 121 STREET @ ADAM CLAYTON POWELL BLVD.**
Borough : **MANHATTAN** **Agency's Number** : **M076**
Program / Asset # : **BOE0046.000 / 1680** **Yr Built/Renovated** : **1965 / 2011**
Area Sq Ft : **88,000** **Project Type** : **EDUCATION**
Date of Survey : **11-Mar-2021** **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1,2,3,Ph**
Block : **1926** **Lot** : **17** **BIN** : **1058470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,322,600	$708,200
Interior Architecture	$6,729,400	$348,100
Electrical	$365,400	$613,100
Mechanical	$198,500	$448,400
Total	**$8,615,900**	**$2,117,900**
Importance Code A	$1,322,600	$708,200
Importance Code B	$7,293,300	$1,409,700
Total	**$8,615,900**	**$2,117,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$14,600		$6,700
Interior Architecture	$46,500	$6,400	$1,600	$8,900
Electrical	$2,100	$3,200	$3,100	$46,200
Mechanical	$28,900	$12,200	$21,700	$12,200
Site Enclosure	$15,200			
Site Pavements	$53,500			
Total	**$146,200**	**$36,400**	**$26,300**	**$74,000**
Importance Code A	$8,700	$23,300	$8,700	$15,600
Importance Code B	$120,900	$11,400	$17,600	$58,400
Importance Code C	$16,500	$1,600		
Total	**$146,200**	**$36,400**	**$26,300**	**$74,000**

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	2-4	$108,900	LIFE	* *	5	$66,100	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Playground Side								
Stucco Cement	15%			2045	* *	5	$29,200	
Windows								
Aluminum	100%	Now	$1,213,600	2057	* *	5	$12,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2032	$591,400	10	$50,700	
Copper/Terne	5%			2047	* *	10	$6,700	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$36,800	
Ceramic Tile	3%	Now	$56,800	2047	* *	5	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Toilet Rooms								
Loose Units, Extent : Severe, Area Affected : 25%								
Location : 3rd Floor Toilet Rooms								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Ceramic Tile	2%			2045	* *	5	$1,700	
Terrazzo	10%			LIFE	* *	5	$6,600	
Vinyl Tile	15%			2032	$348,100	3	$4,700	
Vinyl Tile 9" X 9"	45%			2027	$6,672,600	3	$18,900	
Wood	5%			2060	* *	5	$7,900	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Bathrooms On All Floors								
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Throughout Bathrooms On All Floors								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Room 219								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Room 219								
SGFT/Glazed Masonry	35%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$8,400	
Exposed Struc: Concrete	25%			LIFE	* *	5	$3,300	
Metal Panel	5%	Now	$41,700	LIFE	* *	5	$5,300	
Bent/Warped Elements, Extent : Severe, Area Affected : 50%								
Location : Cafeteria								
Plaster	60%			LIFE	* *	5	$31,500	
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$15,200	2052	* *			
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Roof Chain Link Guard Railing								
Explanation : Pitch Pockets Deteriorating								
Iron Picket	25%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$19,200	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West 121st Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : West 121st Street								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$1,300	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps And Walkways								
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	85%			2035	* *			
Rubber Matting	15%	Now	$32,900	2042	* *			
Open Seams, Extent : Severe, Area Affected : 10%								
Location : Play Areas								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$159,300	5	$300	
Fused Disc Sw	30%			2052	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	3%			2048	* *	5	$100	
Fused Disc Sw	7%			2031	$16,800	5	$100	
Molded Case Bkrs	75%			2031	$179,600	5	$1,700	
Molded Case Bkrs	15%			2048	* *	5	$300	
Wiring								
Braided Cloth	70%	0-2	$204,200	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Thermoplastic	10%			2032	$29,200	1		
Motor Controllers								
Locally Mounted	30%			2045	* *	5	$200	
Locally Mounted	70%			2030	$83,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$76,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2037	* *	10	$2,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$10,600	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$82,100	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2035	* *	5	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$33,000	1	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm And Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$16,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Addressable Fire Alarm System. Strobe Lights, Alarm Bells, Smoke Detectors, Horns And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$87,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Natural Gas Fired Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	25%	0-2	$61,900	2052	* *	4	$1,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Steam Riser Pipping Leaking								
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Basement. One Circulating Pump Malfunctioning								
Central Plant Steam Piping/Pmp	75%			2042	* *	4	$3,300	
Terminal Devices								
Air Handler	5%			2037	* *	1	$2,700	
Air Handler	15%			2032	$248,400	1	$8,200	
Convector/Radiator	20%			2045	* *	1	$5,700	
Convector/Radiator	60%			2037	* *	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2030	$200,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2040	* *	2	$500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Fan Room. Newly Upgraded Exhaust Fan Drive Systems								
Roof	80%	0-2	$6,800	2027	$136,600	2	$1,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof, 1 Of 15 Exhaust Fans With Multiple Mechanical Or Electrical Defects								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,200	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Custodian Supply Room								
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,500	2037	* *	4	$1,900	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Basement. One Sump Pump Out Of Service Due To Burn Motor								
Sewage Ejector(s)								
Compressed Air	100%			2042	* *	4	$900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 76 - Q**
Address : **36-36 10 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0730.000 / 534**
Area Sq Ft : **95,000**
Date of Survey : **18-Feb-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **354** **Lot** : **1**

Agency's Number : **Q076**
Yr Built/Renovated : **1966 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4004331**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$227,800	$681,900
Interior Architecture	$297,400	$13,900,800
Electrical	$233,400	$1,419,100
Mechanical	$705,200	$1,985,400
Site Enclosure	$151,200	
Total	**$1,615,000**	**$17,987,100**
Importance Code A	$227,800	$681,900
Importance Code B	$1,015,000	$17,250,800
Importance Code C	$372,200	$54,500
Total	**$1,615,000**	**$17,987,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$71,600		$6,200	
Interior Architecture	$211,400		$12,000	$14,300
Electrical	$21,400	$8,900	$9,200	$11,800
Mechanical	$92,300	$35,400	$43,800	$61,300
Site Enclosure	$4,300			
Site Pavements	$6,000			
Total	**$406,900**	**$44,300**	**$71,300**	**$87,400**
Importance Code A	$81,000	$9,400	$15,600	$9,400
Importance Code B	$220,800	$34,900	$55,700	$78,000
Importance Code C	$105,100			
Total	**$406,900**	**$44,300**	**$71,300**	**$87,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$254,600	
Masonry: Limestone	3%			LIFE	* *	5	$6,000	
Metal Panel	2%			2053	* *	5-10	$18,400	
Windows								
Aluminum	100%	Now	$38,700	2055	* *	5	$8,100	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor Classrooms, 300, 302, Staircase 7 And 6								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$117,800	
Masonry: Limestone	5%			LIFE	* *	5-10	$13,100	
Metal Security Bars	15%			2048	* *			
Roof								
Built-Up (BUR)	50%			2038	* *	10	$33,800	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Copper/Terne	5%			2061	* *	10	$8,500	
Metal Panel	5%			2046	* *	10	$6,200	
Single Ply Membrane	40%			2033	$554,600	10	$27,100	
Soffits								
Cast in Place Concrete	100%	Now	$18,000	LIFE	* *	5	$30,500	
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Front Entrance								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$31,200	
Ceramic Tile	3%	Now	$12,100	2042	* *	5	$2,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : 2nd And 3rd Floor Boys And Girls Toilet Rooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Quarry Tile	5%			2046	* *	5	$10,700	
Terrazzo	2%			LIFE	* *	5	$4,500	
Vinyl Tile	25%	Now	$49,300	2038	* *	3	$13,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Electrical Room B6								
Vinyl Tile 9" X 9"	55%			2028	$13,846,300	3	$39,200	
Wood	5%			2061	* *	5	$13,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$20,000	2042	* *	5	$9,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : 2nd And 3rd Floor Boys And Girls Toilet Room								
Concrete Masonry Unit	15%			LIFE	* *	5	$43,600	
Glass: Single Pane	5%			LIFE	* *	5	$27,300	
Plaster	50%	2-4	$221,000	LIFE	* *	5	$54,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$45,400	
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$33,000	
Exposed Struc: Concrete	53%			LIFE	* *	5-10	$87,300	
Fiber Board	7%			2038	* *			
Plaster	15%			LIFE	* *	5-10	$34,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$151,200	2068	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Perimeter Of Property								
Free Standing Walls								
Masonry: Brick	100%	Now	$4,300	2053	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : 37th Avenue Below Fence								
Retaining Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	50%	Now	$2,700	2042	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : 37th Street								
Rubber Matting	50%	Now	$3,200	2038	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : Play Yard								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Play Yard								
Explanation : Open Seams								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	80%			2032	$191,600	5	$2,000	
Molded Case Bkrs	10%			2049	* *	5	$300	
Wiring								
Braided Cloth	80%	2-4	$233,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	10%			2033	$29,200	1		
Motor Controllers								
Locally Mounted	30%			2046	* *	5	$200	
Locally Mounted	70%			2031	$83,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$85,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	10%			2038	* *	10	$2,300	
Emergency, Battery	40%			2028	$63,800	10	$9,200	
Exit, Service	10%			2038	* *	1		
Exit, Service	40%			2028	$16,400	1		
Exterior Lighting								
HID	30%			2028	$133,000	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$178,300	1	$35,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$245,000	1-3	$60,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm System, Alarm Bells, Fire Alarm Panel And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 7,500 Gallon Tanks. One Currently In Use, The Other Has Been Abondoned In Place								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$94,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$76,100	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Thermostats, Throughout								
Terminal Devices								
Air Handler	20%			2028	$357,600	1	$11,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Air Handling Equipment Beyond Useful Life Cycle Rating								
Convector/Radiator	70%			2031	$543,800	1	$21,500	
Fan Coil Unit/Heat	10%			2028	$235,500	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$144,000	2028	$287,900	1		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : About 70 Percent Of Window, Wall Units Is Not Working In Various Locations								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,900	
Exhaust Fans								
Interior	40%			2033	$168,500	2	$1,200	
Roof	60%			2038	* *	2	$1,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galvanized Steel	80%	0-2	$485,100	2038	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Cross Base. Significant Corrosion Of Plumbing Piping								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Various Locations. Leaking Piping In Cross Base								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 120 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$65,700	1-2	$1,300	
Chemical System								
Generic	100%			2028	$326,400	1-3	$323,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 77 - BK**		
Address	: **62 PARK PLACE BTWN 5TH AVE - 6TH AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K902**
Program / Asset #	: **BOE0969.000 / 4481**	**Yr Built/Renovated**	: **1897 / 1998**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **941** **Lot** : **50**	**BIN**	: **3259250**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$165,900	$134,600
Interior Architecture	$526,400	$57,500
Electrical		$1,123,700
Mechanical		$239,100
Site Enclosure	$66,800	
Site Pavements	$83,900	
Total	**$843,000**	**$1,554,900**
Importance Code A	$165,900	$134,600
Importance Code B	$545,400	$1,420,300
Importance Code C	$131,700	
Total	**$843,000**	**$1,554,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,100	$4,700	$2,300	
Interior Architecture	$135,400	$34,500		$5,400
Electrical	$3,200	$6,000	$3,500	$2,900
Mechanical	$37,400	$17,300	$28,100	$17,300
Total	**$180,100**	**$62,500**	**$33,900**	**$25,500**
Importance Code A	$10,200	$11,000	$8,400	$6,100
Importance Code B	$121,300	$51,500	$25,500	$19,400
Importance Code C	$48,600			
Total	**$180,100**	**$62,500**	**$33,900**	**$25,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$134,600	
Masonry: Brownstone	5%			LIFE	* *	5	$5,900	
Masonry: Granite	5%			LIFE	* *	5	$5,900	
Stucco Cement	5%			2043	* *	5	$19,800	
Windows								
Aluminum	75%			2046	* *	5	$4,500	
Aluminum	25%	2-4	$4,100	2046	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Stained Glass								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$300	
Masonry: Brownstone	10%			LIFE	* *	5	$100	
Pre-Cast Concrete	5%			LIFE	* *	5	$100	
Roof								
Copper/Terne	3%			2045	* *	10	$4,700	
Modified Bitumen	95%			2035	* *	10	$59,800	
Skylight, Metal/Glass	2%	Now	$106,100	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Over Bulkhead Stair At Lower Roof								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5	$24,500	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$17,300	2039	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Mosaic Tile	3%	Now	$34,500	2035	* *	5	$4,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	7%	4+	$11,200	2035	* *	5	$6,400	
Uneven Substrate, Extent : Light, Area Affected : 5%								
Location : Basement Gymnasium								
Terrazzo	20%	0-2	$114,700	LIFE	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	35%	Now	$23,700	2035	* *	3	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Office And Classrooms								
Wood	30%			2045	* *	5	$69,000	
Interior Walls								
Ceramic Tile	5%	Now	$48,600	2039	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	10%	Now	$67,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Marble Panels	10%			LIFE	* *			
Plaster	75%	Now	$64,400	LIFE	* *	5	$39,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads And Kitchen								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stairs, Classrooms, Corridors, Kitchen								

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DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%			2043	* *	5	$24,500	
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,000	
Plaster	75%	Now	$280,000	LIFE	* *	5	$57,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Stairs, Classrooms, Corridors								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Stairs, Classrooms, Corridors								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Concrete Masonry Unit	5%			2040	* *			
Iron Picket	70%			2050	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$66,800	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Side Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$83,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Along Park Place And Sterling Place								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$300	
Raceway								
Conduit	70%			2050	* *	1		
Conduit	30%			2030	$43,400	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	60%			2046	* *	5	$1,200	
Molded Case Bkrs	30%			2029	$53,900	5	$600	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	70%			2043	* *	5	$400	
Variable Frequency Drive	30%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	80%			2030	$918,300	10	$56,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	20%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : Cafeteria, Gymnasium, Auditorium								
Egress Lighting								
Emergency, Service	10%			2030	$4,700	1		
Emergency, Battery	40%			2030	$51,700	10	$7,400	
Exit, Battery	50%			2035	* *	10	$2,600	
Exterior Lighting								
HID	98%			2035	* *	10	$200	
LED	2%			2035	* *			
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$700	
Alarm								
Security System								
Generic	50%			2035	* *	1	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2035	* *	1	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Fire/Smoke Detection								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Heat Exchanger, Shell & Tube	20%			2039	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Steam To Hot Water Heat Exchanger For Radiators.								
Steam Boiler	80%			2035	* *	1	$61,000	
Other Observation, Extent : Light, Area Affected : 66%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	40%			2038	* *	4	$1,500	
Steam Piping/Pump	60%			2040	* *			
Terminal Devices								
Air Handler	15%			2035	* *	1	$7,100	
Convector/Radiator	5%			2043	* *	1	$1,200	
Fan Coil Unit/Heat	80%			2035	* *	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2035	* *	1	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Modular Unit On Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	70%			2050	* *	4	$2,700	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2035	* *	1	$47,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	70%			2030	$239,100	2	$1,700	
Roof	30%			2030	$44,800	2	$700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$19,700	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main By Stair D								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room And Old Boiler Room In Basement								
Explanation : Two Units In Two Different Locations								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,400	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2030	$40,300	4	$3,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 79 - M (MULT. HANDICAP)**		
Address	: **55 EAST 120 STREET BTWN: PARK AVE., MADISON AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M079**
Program / Asset #	: **BOE0047.000 / 1681**	**Yr Built/Renovated**	: **1963 / 2001**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1747** **Lot** : **1**	**BIN**	: **1053968**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$59,600	$770,400
Interior Architecture		$103,200
Electrical	$1,584,300	$547,900
Mechanical	$486,800	$1,625,400
Total	**$2,130,700**	**$3,047,000**
Importance Code A	$213,000	$770,400
Importance Code B	$1,917,700	$2,276,600
Total	**$2,130,700**	**$3,047,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,800	$11,500		
Interior Architecture	$70,500		$11,000	
Electrical	$28,000	$34,800	$5,900	$6,600
Mechanical	$7,100	$44,700	$24,800	$14,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$144,400**	**$95,000**	**$45,600**	**$24,800**
Importance Code A	$34,800	$20,400	$8,700	$8,700
Importance Code B	$53,000	$74,600	$36,800	$16,100
Importance Code C	$56,500			
Total	**$144,400**	**$95,000**	**$45,600**	**$24,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 79 - M (MULT. HANDICAP)
Asset # : 1681

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$50,300	
Windows								
Aluminum	95%	4+	$21,800	2046	* *	5	$11,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Has Three Broken Windows								
Glass Block	5%			LIFE	* *	5	$800	
Parapets								
Metal Rail	100%			2043	* *	5-10	$113,800	
Roof								
Copper/Terne	5%			2045	* *	10	$11,500	
IRMA/Protected Membrane	30%	4+	$13,000	2030	$651,000			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Modified Bitumen	65%			2035	* *	10	$59,600	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$44,400	
Ceramic Tile	5%			2039	* *	5	$6,800	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	65%			2035	* *	3	$33,000	
Wood	10%			2058	* *	5	$25,400	
Interior Walls								
Ceramic Tile	5%	4+	$11,300	2039	* *	5	$5,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	15%			LIFE	* *	5	$12,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%	4+	$45,200	LIFE	* *	5	$27,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Rooms 142 And 232								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	4+	$10,700	2035	* *	5	$20,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 1%								
Location : Room 132								
Exposed Struc: Concrete	65%			LIFE	* *	5	$13,400	
Fiber Board	5%			2030	$103,200			
Metal Panel	5%			LIFE	* *	5	$8,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2040	* *			
Iron Picket	50%			2050	* *			
Site Pavements								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 79 - M (MULT. HANDICAP)
Asset # : 1681

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%	4+	$3,200	2030	$159,300	5	$100	
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Disc Sw	30%			2050	* *	5	$100	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	10%			2029	$24,000	5	$200	
Molded Case Bkrs	80%			2046	* *	5	$1,900	
Wiring								
Braided Cloth	60%	4+	$175,000	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2030	$87,500	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%	4+	$1,900	2028	$95,500	5	$200	
Enclosure Damaged, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 79 - M (MULT. HANDICAP)
Asset # : 1681

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	5%			2025	$65,600	10	$4,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Fluorescent	85%			2025	$1,115,000	10	$68,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Crawl Space								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2025	$73,900	10	$10,600	
Exit, Service	50%			2025	$19,000	1		
Exterior Lighting								
HID	20%			2025	$82,100	10	$100	
No Component	80%							
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$22,700	2035	* *	1-3	$49,300	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Main Panel In The Lobby								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Panel In The Lobby								
Explanation : 1st Floor Elevator Lobby Smoke Detector Keeps The System In Trouble Mode								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2050	* *	5	$27,300	
Conversion Equipment								
Steam Boiler	100%	0-2	$153,400	2043	* *	1	$78,400	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : One Boiler Needs Retubing								
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2040	* *	4	$6,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - M (MULT. HANDICAP)

Asset # : 1681

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2030	$331,200	1	$10,900	
Convector/Radiator	80%			2035	* *	1	$22,700	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2025	$333,400	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,100	
Exhaust Fans								
Roof	100%			2030	$170,800	2	$2,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$1,123,400	1		
HW Heat Exchanger								
Steam Fired	100%			2050	* *	4	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Recent Installation								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$17,600	4	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Duplex Units								
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2040	* *	1-2	$7,400	

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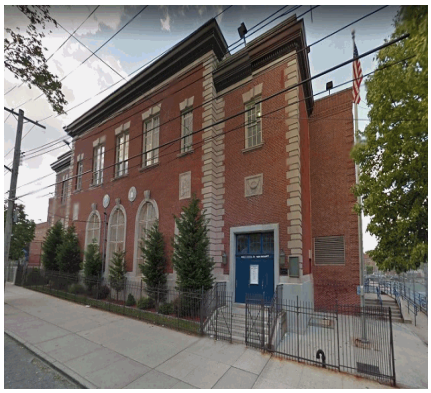
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 79 - Q**		
Address	: **147-27 15TH DRIVE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q079**
Program / Asset #	: **BOE0731.000 / 535**	**Yr Built/Renovated**	: **1935 / 2014**
Area Sq Ft	: **99,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **4647** **Lot** : **1**	**BIN**	: **4105232**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$183,000	$183,000
Interior Architecture	$8,420,500	$119,900
Electrical		$621,900
Mechanical	$158,600	$1,429,700
Total	**$8,762,100**	**$2,354,600**
Importance Code A	$183,000	$183,000
Importance Code B	$8,419,100	$2,171,600
Importance Code C	$160,000	
Total	**$8,762,100**	**$2,354,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,900			
Interior Architecture	$204,100		$23,900	$10,500
Electrical	$9,000	$5,100	$3,800	$4,100
Mechanical	$85,200	$17,600	$28,400	$21,700
Site Enclosure	$72,900			
Site Pavements	$26,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$420,800**	**$26,600**	**$60,000**	**$40,300**
Importance Code A	$62,200	$9,800	$9,800	$9,800
Importance Code B	$223,800	$16,800	$29,600	$25,500
Importance Code C	$134,800		$20,600	$4,900
Total	**$420,800**	**$26,600**	**$60,000**	**$40,300**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$113,400	
Copper/Terne	3%			2068	* *	10	$10,200	
Masonry: Brick	47%			LIFE	* *	5	$136,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Facades								
Masonry: Brick Cavity	40%			LIFE	* *	5	$116,200	
Masonry: Limestone	5%			LIFE	* *	5	$10,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Facades								
Explanation : Sidewalk Shed And Netting In Use								
Windows								
Aluminum	100%			2049	* *	5	$27,000	
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Soffits								
Copper/Terne	90%			2068	* *	10		
Masonry: Limestone	10%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$129,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement Boiler Room								
Ceramic Tile	3%	Now	$5,000	2036	* *	5	$2,200	
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Basement Toilet								
Terrazzo	4%			LIFE	* *	5	$9,200	
Vinyl Tile	18%			2038	* *	3	$10,000	
Vinyl Tile 9" X 9"	30%	Now	$7,814,100	2043	* *	3	$16,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Wood	25%	4+	$44,000	2048	* *	5	$34,600	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Dead Spots								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$9,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$13,200	
Folding Partition	5%			2041	* *	5	$41,100	
Glass: Single Pane	5%			LIFE	* *	5	$24,700	
Gypsum Board	10%			LIFE	* *	5-10	$55,900	
Metal Panel	5%			LIFE	* *	10	$7,400	
Marble Panels	2%			LIFE	* *	10	$2,600	
Plaster	40%	Now	$160,000	LIFE	* *	5	$39,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 3rd Floor								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$41,100	
Ceilings								
AcousTile,Adhered	30%	Now	$285,000	2046	* *	5	$22,100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Expansion Joint								
Explanation : Water Penetration Around Expansion Joint								
Exposed Struc: Concrete	10%	2-4	$44,200	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Plaster	55%			LIFE	* *	5-10	$139,500	
Plaster	5%			LIFE	* *	5-10	$12,700	
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$28,500	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Iron Picket	25%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$44,400	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$26,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2059	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room New Wing								
Explanation : One 2,000 Amperes For The New Wing								
Fused Disc Sw	30%			2033	$13,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Old Wing								
Explanation : One 1,200 Ampere Main Disconnect Switch For Old Wing								
Switchgear / Switchboard								
Fused Disc Sw	30%			2033	$68,300	5	$100	
Fused Disc Sw	70%			2059	* *	5	$300	
Raceway								
Conduit	30%			2033	$60,500	1		
Conduit	70%			2059	* *	1		
Panelboards								
Fused Disc Sw	3%			2032	$7,200	5	$100	
Fused Disc Sw	7%			2055	* *	5	$200	
Molded Case Bkrs	30%			2032	$71,800	5	$800	
Molded Case Bkrs	60%			2055	* *	5	$1,600	
Wiring								
Thermoplastic	30%			2033	$87,500	1		
Thermoplastic	70%			2059	* *	1		
Motor Controllers								
Locally Mounted	30%			2031	$35,800	5	$200	
Locally Mounted	40%			2050	* *	5	$300	
Motor Control Center	30%			2050	* *	5	$800	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,500	
Generic	50%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	96%			2041	* *	10	$87,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	15%			2028	$24,900	10	$3,600	
Emergency, Battery	35%			2041	* *	10	$8,400	
Exit, Service	35%			2041	* *	1		
Exit, Service	15%			2028	$6,400	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$185,800	1	$37,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Cafeteria, Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$30,700	
Conversion Equipment								
Steam Boiler	100%	Now	$43,100	2038	* *	1	$88,200	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Fire Tube Boiler No. 3 In The Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$158,600	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Two Vacuum Pumps In The Basement And Steam Piping								
Terminal Devices								
Air Handler	20%			2033	$372,600	1	$12,200	
Convector/Radiator	70%			2038	* *	1	$22,400	
Fan Coil Unit/Heat	10%			2033	$245,500	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2033	$292,100	1	$9,200	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	20%			2028	$75,000	1		
No Component	60%							
Distribution								
No Component	20%							
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2033	$153,700	1	$12,200	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2028	$36,300	2	$13,800	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,400	
Exhaust Fans								
Interior	40%			2033	$175,600	2	$1,200	
Roof	60%			2028	$115,300	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$9,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar Through The Third Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2043	* *	1-5	$20,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 8 - BX**		
Address	: **3010 BRIGGS AVENUE @ E. 201 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X008**
Program / Asset #	: **BOE0161.000 / 528**	**Yr Built/Renovated**	: **1958 / 2001**
Area Sq Ft	: **84,414**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3299** **Lot** : **60**	**BIN**	: **2094734**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$747,200	
Interior Architecture	$301,600	$12,422,300
Electrical	$270,500	$331,100
Mechanical	$374,500	$1,176,200
Site Pavements	$57,100	
Total	**$1,750,900**	**$13,929,600**
Importance Code A	$747,200	$367,900
Importance Code B	$947,400	$13,561,700
Importance Code C	$56,300	
Total	**$1,750,900**	**$13,929,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$96,000	$5,000		$24,900
Interior Architecture	$32,400	$3,900	$5,300	$14,600
Electrical	$2,100	$2,800	$2,300	$48,000
Mechanical	$153,600	$12,200	$19,300	$43,300
Site Enclosure	$24,000			
Site Pavements	$45,100			
Total	**$353,200**	**$23,900**	**$26,900**	**$130,900**
Importance Code A	$137,000	$13,300	$8,400	$33,500
Importance Code B	$164,400	$10,600	$13,300	$97,400
Importance Code C	$51,900		$5,300	
Total	**$353,200**	**$23,900**	**$26,900**	**$130,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$8,500	
Glass Block	3%	4+	$3,300	LIFE	* *	5	$1,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Masonry: Brick	60%	Now	$53,700	LIFE	* *	5	$32,600	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : 3rd Floor Windows								
Masonry: Limestone	5%			LIFE	* *	5	$2,000	
Metal/Glass Curt Wall	30%	0-2	$549,100	LIFE	* *	5	$30,500	
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	98%	Now	$85,100	2048	* *	5	$17,900	
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Staircase B								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Staircase B								
Steel	2%	Now	$32,900	2057	* *	5	$4,600	1
Corrosion/Rusting, Extent : Severe, Area Affected : 80%								
Location : Basement Boiler Room								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Basement								
Parapets								
Masonry: Brick	85%	Now	$59,300	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	Now	$13,700	LIFE	* *	5	$700	1
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Metal: Cage/Fence	10%			2045	* *	5-10	$8,500	
Roof								
Built-Up (BUR)	55%	4+	$16,000	2037	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Over Lunch Room, Kitchen, Room 139								
Copper/Terne	5%			2060	* *	10	$15,600	
IRMA/Protected Membrane	20%	Now	$29,500	2037	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stair C								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Modified Bitumen	20%			2037	* *	10	$24,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Stucco Cement	100%	4+	$700	2037	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Various								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	5%	Now	$7,100	2041	* *	5	$3,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Girls And Boys Toilet Room								
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	25%			2037	* *	3	$11,800	
Vinyl Tile 9" X 9"	55%	Now	$245,300	2032	$12,264,600	3	$26,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	5%			2067	* *	5	$11,800	
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$10,500	
Concrete Masonry Unit	3%			LIFE	* *	5	$2,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	55%	Now	$56,300	LIFE	* *	5	$34,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout 1st And 2nd Floors, And Classrooms								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	Now	$24,400	2037	* *	5	$19,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout 1st And 2nd Floors								
AcousTileSusp.Lay-In	2%	4+	$800	2045	* *	5	$1,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Clinic Room 139								
Exposed Struc: Concrete	30%			LIFE	* *	5	$5,900	
Fiber Board	8%			2032	$157,700			
Plaster	30%			LIFE	* *	5	$23,700	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2052	* *			
Iron Picket	75%	4+	$9,000	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Briggs Avenue								

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DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$15,100	2067	* *			
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : Briggs Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$57,100	2045	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Briggs Area At Tree Pits								
On-Site Walkways								
Cast in Place Concrete	98%	Now	$42,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Right Side Of Building On Walkway Path								
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Asphalt	100%	4+	$2,200	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Minischool								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	70%			2032	$141,200	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	6%			2031	$14,400	5	$100	
Fused Disc Sw	4%			2048	* *	5	$100	
Molded Case Bkrs	20%			2031	$47,900	5	$400	
Molded Case Bkrs	70%			2048	* *	5	$1,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	$87,500	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2052	* *	1		
Thermoplastic	20%			2032	$58,300	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%			2045	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$75,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2037	* *	10	$100	
Egress Lighting								
Emergency, Battery	30%			2037	* *	10	$6,100	
Emergency, Battery	20%			2027	$28,300	10	$4,100	
Exit, Service	40%			2037	* *	1		
Exit, Service	10%			2027	$3,600	1		
Exterior Lighting								
HID	20%			2027	$78,800	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$31,700	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Exit Doors And Some Offices								
Explanation : Motion Detector And Intrusion Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Horns, Alarm Bells, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	50%			2030	$367,900	1	$41,800	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Steam Boiler	50%	0-2	$36,800	2037	* *	1	$37,600	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%								
Location : Basement. Boiler Room. Smoke Evident When Boiler Is Started.								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : One Boiler Is Malfunctioning								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$118,700	2042	* *	4	$4,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Leaking Vacuum Pump								
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$15,900	2032	$317,700	1	$9,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control Compressor								
Convector/Radiator	80%			2037	* *	1	$21,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	10%			2032	$200,500			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Cafereria And Computer Room								
Explanation : Units Serve Cafeteria And Computer Room								
Window/Wall Unit	80%	0-2	$12,800	2027	$255,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout. Six Units Malfunctioning Due To Mechanical Defect								
No Component	10%							
Ventilation								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,100	
Exhaust Fans								
Interior	60%	Now	$44,900	2032	$224,600	2	$1,200	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : 4 Out Of 9 Exhaust Motors Burn Out In The Mechanical Room								
Roof	40%	Now	$3,300	2032	$65,500	2	$800	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Main House Exhaust								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2052	* *	1		
Galvanized Steel	30%	Now	$16,200	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$14,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement, 1st Floor When It Rains Hard								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Occasional Sewer Backup								
Sump Pump(s)								
Non-Submersible	100%			2032	$16,900	4	$2,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,200	
Chemical System								
Wet	10%			2030	$8,200	1-3	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Wet Fire Suppression System								
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 8 - BX MINISCHOOL**				
Address	: **3010 BRIGGS AVENUE @ E. 201 ST.**				
Borough	: **BRONX**		**Agency's Number**	: **X808**	
Program / Asset #	: **BOE0161.010 / 529**		**Yr Built/Renovated**	: **1985 /**	
Area Sq Ft	: **8,157**		**Project Type**	: **EDUCATION**	
Date of Survey	: **04-Nov-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3299**	**Lot** : **60**	**BIN**	: **2094734**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$295,500	
Interior Architecture	$223,000	
Electrical		$258,300
Mechanical		$129,000
Total	**$518,400**	**$387,300**
Importance Code A	$295,500	
Importance Code B	$223,000	$387,300
Total	**$518,400**	**$387,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,300			
Interior Architecture	$5,400			$1,500
Electrical	$200	$300	$300	$20,500
Mechanical	$7,900	$600	$1,400	$600
Total	**$15,800**	**$800**	**$1,700**	**$22,600**
Importance Code A	$2,700	$400	$400	$400
Importance Code B	$7,700	$400	$1,300	$22,200
Importance Code C	$5,400			
Total	**$15,800**	**$800**	**$1,700**	**$22,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX MINISCHOOL

Asset # : 529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$102,100	2062	* *	5	$28,900	
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Base Of Facades								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$61,500	2057	* *	5	$600	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Various Classrooms								
Roof								
Metal, Corrugated	100%	Now	$131,900	2052	* *	1		
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Entire Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Soffits								
Metal Panel	100%	Now	$2,300	2042	* *	5	$3,300	
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Throughout Soffit Area								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Vinyl Tile	100%	Now	$101,200	2042	* *	3	$4,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Corridors, Classrooms								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Corridors And Classrooms								
Interior Walls								
Gypsum Board	100%	2-4	$5,400	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$121,800	2052	* *	5	$6,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Corridors, Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX MINISCHOOL

Asset # : 529

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$65,000	5		
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	95%			2031	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$121,600	10	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2027	$6,800	10	$1,000	
Exit, Service	50%			2027	$1,800	1		
Exterior Lighting								
HID	20%			2027	$7,600	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$3,100	1	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Horns, Bell, Pull Box Stations, Smoke Detector And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX MINISCHOOL

Asset # : 529

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2040	* *	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Newly Installed In The Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2030	$129,000	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$7,200	LIFE	* *	2-5	$4,500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Room								
Exhaust Fans								
Interior	100%			2037	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	20%							
Generic	80%			2052	* *	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 8 - M LUIS BELLIARD**
Address : **465 WEST 167 STREET @AMSTERDAM AVE.**
Borough : **MANHATTAN** | **Agency's Number** : **M008**
Program / Asset # : **BOE1043.000 / 14119** | **Yr Built/Renovated** : **1995 / 2011**
Area Sq Ft : **82,077** | **Project Type** : **EDUCATION**
Date of Survey : **07-Jan-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Ph**
Block : **2112** **Lot** : **1** | **BIN** : **1081842**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$809,300	$142,200
Interior Architecture	$887,900	$2,578,200
Electrical	$259,200	$76,600
Mechanical	$2,677,700	
Total	**$4,634,100**	**$2,797,000**
Importance Code A	$809,300	$142,200
Importance Code B	$3,542,100	$2,529,000
Importance Code C	$282,700	$125,800
Total	**$4,634,100**	**$2,797,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,600			
Interior Architecture	$114,400	$10,600	$11,900	$10,700
Electrical	$45,600	$8,000	$20,000	$9,500
Mechanical	$80,600	$15,800	$88,700	$18,200
Site Enclosure	$54,300			
Site Pavements	$53,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$369,800**	**$38,300**	**$124,500**	**$42,400**
Importance Code A	$31,900	$8,100	$8,300	$8,100
Importance Code B	$194,300	$23,900	$116,200	$34,300
Importance Code C	$143,700	$6,300		
Total	**$369,800**	**$38,300**	**$124,500**	**$42,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$514,500	LIFE	* *	5	$86,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal: Cage/Fence	4%			2044	* *	5	$20,100	
Mosaic Tile	1%			2051	* *	10	$3,600	
Pre-Cast Concrete	15%			LIFE	* *	5	$56,000	
Stucco Cement	5%			2044	* *	5	$14,400	
Windows								
Aluminum	80%	Now	$210,600	2039	* *	5	$11,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Glass Block	15%			LIFE	* *	5	$2,600	
Metal Louvers	5%			2040	* *	10	$8,600	
Parapets								
Masonry: Brick	88%			LIFE	* *	5	$3,600	
Metal: Cage/Fence	2%			2044	* *	5-10	$600	
Pre-Cast Concrete	10%			LIFE	* *	5	$2,600	
Roof								
IRMA/Protected Membrane	95%	Now	$84,200	2036	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : At Roof Drains, Over Penthouse								
Skylight, Metal/Glass	5%			2051	* *	10	$12,500	
Soffits								
Cement - Fiber Panel	100%			2036	* *	10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,900	
Cast in Place Concrete	5%	Now	$12,500	LIFE	* *	5	$13,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Foyer								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Main Lobby								
Ceramic Tile	7%			2040	* *	5	$8,600	
Quarry Tile	3%			2044	* *	5	$5,500	
Vinyl Tile	70%	0-2	$237,600	2031	$2,375,600	3	$32,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Along The Edges Of The Corridors, Classrooms And Auditorium								
Uneven Substrate, Extent : Moderate, Area Affected : 40%								
Location : Throughout Corridors								
Wood	5%			2046	* *	5	$11,500	
Interior Walls								
Cast in Place Concrete	3%	Now	$28,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Ceramic Tile	5%			2040	* *	5	$12,600	
Concrete Masonry Unit	10%	0-2	$47,300	LIFE	* *	5	$10,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Throughout Stairwell A And B								
Glass Block	2%			LIFE	* *			
Gypsum Board	50%			LIFE	* *	5	$75,500	
SGFT/Glazed Masonry	25%	0-2	$282,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : At Base Throughout Corridors								
Wood	5%			LIFE	* *	5	$50,300	
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$12,300	
AcousTileSusp.Lay-In	30%	Now	$367,700	2051	* *	5	$18,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Classrooms, Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms, Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Classrooms, Throughout								
Exposed Struc: Concrete	8%			LIFE	* *	5	$1,500	
Gypsum Board	50%	Now	$21,500	LIFE	* *	5	$76,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor								
Metal Panel	2%	4+	$1,600	LIFE	* *	5	$3,100	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 8 - M LUIS BELLIARD
Asset # : 14119

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	5%			2051	* *			
Iron Picket	95%			2066	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$32,600	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Entrance								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Main Entrance								
Retaining Walls								
Cast in Place Concrete	28%	Now	$4,300	2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Ramp								
Masonry: Brick	72%	Now	$17,400	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Entrance								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Main Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	98%	4+	$18,400	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : North Side Loading Area								
Pavers/Stone	2%			2034	* *			
On-Site Walkways								
Cast in Place Concrete	10%	Now	$1,000	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Stair And Ramp								
Pavers/Stone	90%	Now	$34,100	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Entrance								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Entrance								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Entrance								
Activity Yard								
Rubber Matting	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere And One 1,200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2044	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kilovolt-ampere 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	95%			2047	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$25,300	
Generators								
Diesel	100%			2034	* *	1	$31,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$18,300	
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 50 Gallons								
Main Tank	50%			2034	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 6,000 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2036	* *	10	$45,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	10%			2036	* *	10	$7,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby, Staircases, Gymnasium And Cafeteria								
Fluorescent	10%			2026	$122,400	10	$7,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Fluorescent	15%	2-4	$36,700	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fixtures Are Discolored And Produce Inadequate Lighting.								
LED	5%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Fixtures Installed In 2018								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, LED	5%			2059	* *	1		
Exit, Service	45%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$76,600	10	$100	
HID	20%	Now	$76,600	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fixtures Are Not Operational.								
No Component	60%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$9,200	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$15,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	2%			2041	* *	1		
Interruptible Gas/Dual Fuel	98%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One10,000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$14,300	2044	* *	1	$73,200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler No.1 Low Water Cut-off Switch								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$13,100	2051	* *			
Broken, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump Located In 1st Floor Kitchen								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boiler Room Feedwater Pumps								
Terminal Devices								
Air Handler	40%			2036	* *	1	$20,300	
Air Handler	10%	0-2	$92,700	2041	* *	1	$4,600	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Penthouse Mechanical Rooms								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Building Automation System								
Convector/Radiator	40%			2044	* *	1	$10,600	
Convector/Radiator	8%	Now	$32,200	2051	* *	1	$1,900	
Unit Inoperable, Extent : Severe, Area Affected : 20%								
Location : Ground Floor Radiators Are Missing Piping								
Fan Coil Unit/Heat	2%	Now	$12,200	2031	$40,700	1	$500	
Broken, Extent : Severe, Area Affected : 100%								
Location : Ground Floor Entrance Electric Univents								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$106,800	
Terminal Devices								
Air Handler/Dir Expansion	100%	4+	$314,700	2026	$1,573,600	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Penthouses								

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DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	100%	Now	$95,100	2026	$237,600	2	$45,700	
Broken, Extent : Severe, Area Affected : 50%								
Location : 3 Of 8 Units On The Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Units At End Of Useful Life								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,800	
Exhaust Fans								
Interior	100%			2026	$364,000	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 10%								
Location : Basement Booster Pump Abandoned In Place								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$16,400	4	$1,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$42,900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Sprinkler								
No Component	85%							
Generic	15%			2051	* *	1-2	$3,500	
Fire Pump								
Generic	100%			2040	* *	1	$15,300	
Chemical System								
No Component	95%							
Generic	5%			2029	$4,100	1-3	$3,700	

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DEPARTMENT OF EDUCATION - 040
P. S. 8 - M LUIS BELLIARD
Asset # : 14119

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 80 - Q**		
Address	: **171-05 137 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q080**
Program / Asset #	: **BOE0732.000 / 971**	**Yr Built/Renovated**	: **1964 / 1999**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12495** **Lot** : **166**	**BIN**	: **4270056**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,330,300	$1,413,100
Interior Architecture	$13,425,600	$97,400
Electrical	$476,700	$808,800
Mechanical	$63,600	$2,057,700
Site Pavements		$222,600
Total	**$15,296,300**	**$4,599,600**
Importance Code A	$1,330,300	$2,145,300
Importance Code B	$13,885,700	$2,454,300
Importance Code C	$80,300	
Total	**$15,296,300**	**$4,599,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,400			$18,400
Interior Architecture	$113,000	$1,900	$25,000	$3,100
Electrical	$32,600	$12,200	$50,700	$12,900
Mechanical	$74,900	$13,800	$31,500	$14,600
Site Enclosure	$5,000			
Site Pavements	$41,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$350,000**	**$31,700**	**$111,100**	**$53,000**
Importance Code A	$87,700	$8,300	$8,500	$26,700
Importance Code B	$195,600	$23,400	$102,600	$26,200
Importance Code C	$66,800			
Total	**$350,000**	**$31,700**	**$111,100**	**$53,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	97%	Now	$136,100	LIFE	* *	5	$78,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : At Kitchen Exit								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Ground Level At Rear And Sides								
Rusting Masonry Supt, Extent : Severe, Area Affected : 1%								
Location : Kitchen Exit Lintel								
Masonry: Brick Cavity	3%	Now	$21,000	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Chimney								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Chimney								
Windows								
Aluminum	15%	Now	$146,600	2056	* *	5	$1,500	
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Explanation : Thermally Inefficient								
Aluminum	67%	Now	$654,700	2056	* *	5	$6,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 20%								
Location : West Facade Windows								
Glass Block	10%			LIFE	* *	5	$1,300	
Metal Louvers	3%			2040	* *	10	$3,800	
Steel	5%	0-2	$46,200	2056	* *	5	$6,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Metal Security Bars	5%	2-4	$700	2046	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 30%								
Location : Lower Roof								
No Component	95%							

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	45%	Now	$22,000	2031	$440,200			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 100%								
Location : Bulkheads								
Copper/Terne	5%			2034	* *	10	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Explanation : Covered With Tar								
IRMA/Protected Membrane	45%	Now	$89,200	2031	$892,400			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Over Third Floor And Lower Roof								
Roll Roofing	3%			2027	$16,300	5	$4,200	
Skylight, Metal/Glass	2%	Now	$282,600	2061	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : At Trash Chute								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 15%								
Location : At Trash Chute								
Soffits								
Aluminum Sunshades	5%			2040	* *	10	$800	
Cast in Place Concrete	95%			LIFE	* *	5	$11,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,300	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Fuel Tank Room								
Explanation : Ground Water								
Ceramic Tile	3%			2040	* *	5	$3,700	
Ceramic Tile	2%	Now	$28,200	2040	* *	5	$1,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Staff And Student Bathrooms								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Staff And Student Bathrooms								
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	10%			2039	* *	3	$6,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Gymnasium And Cafeteria								
Vinyl Tile	10%			2036	* *	3	$6,200	
Vinyl Tile 9" X 9"	60%			2026	$13,220,800	3	$28,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%	Now	$80,300	2040	* *	5	$2,400	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Staff And Student Bathrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Staff And Student Bathrooms								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Staff And Student Bathrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Staff And Student Bathrooms								
Ceramic Tile	3%			2044	* *	5	$7,300	
Concrete Masonry Unit	10%	Now	$45,700	LIFE	* *	5	$9,700	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Bulkhead								
Explanation : Paint Peeling								
Metal Coiling Doors	1%			2039	* *	5	$12,200	
Plaster	60%			LIFE	* *	5	$43,800	
SGFT/Glazed Masonry	24%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2044	* *	5	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Teachers Lounge								
Explanation : Acoustical Tiles								
AcousTileConcealSpLn	20%			2036	* *	5	$31,200	
AcousTileSusp.Lay-In	10%	Now	$124,500	2051	* *	5	$6,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Cafeteria								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Cafeteria								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria And Partial Lobby								
Explanation : Clay Tiles								
Exposed Struc: Concrete	45%			LIFE	* *	5	$8,800	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	5%			2031	$97,400			
Metal Panel	2%	0-2	$4,100	LIFE	* *	5	$3,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	10%	Now	$19,000	LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridors, Classrooms And Bulkheads								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$3,500	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Poles And Hardware At Playground And Dumpster Area								
Impact Damage, Extent : Severe, Area Affected : 2%								
Location : Dumpster Gate								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Playground Area								
Explanation : Fence								
Iron Picket	50%	Now	$1,500	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Near Dumpster Area								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$12,700	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 137th Avenue								
On-Site Walkways								
Asphalt	75%	Now	$6,000	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Side Walkways								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Side Walkways								
Cast in Place Concrete	20%			2036	* *			
Panel/Paver: Cer/Brk	5%			2039	* *	5	$500	
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Cast in Place Concrete	35%			2036	* *			
Pavers/Stone	20%			2034	* *			
Rubber Matting	45%	Now	$22,300	2031	$222,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Connections At Rubber Pads								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Seperation Between Rubber Pads								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	90%			2031	$204,800	5	$300	
Fused Disc Sw	10%			2051	* *	5		
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	80%			2030	$191,600	5	$1,800	
Molded Case Bkrs	10%			2047	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$262,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	85%			2029	$101,500	5	$500	
Locally Mounted	15%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$25,800	
Generators								
Natural Gas	100%			2027	$138,700	1	$32,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Emergency Generator Is Serving The Sump Pump Only.								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$74,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Explanation : Compact Fluorescent Lights								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$70,500	10	$10,100	
Exit, Service	40%			2031	$14,500	1		
Exit, Service	10%			2026	$3,600	1		
Exterior Lighting								
HID	15%			2031	$58,800	10		
HID	5%	Now	$19,600	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Not Functional								
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$31,500	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$53,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$195,300	5	$26,000	
Conversion Equipment								
Steam Boiler	100%			2029	$732,200	1	$83,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$13,500	2041	* *			
Controller Not Working, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Thermostats, Various Locations								
Terminal Devices								
Air Handler	20%			2031	$316,100	1	$10,400	
Convector/Radiator	80%			2036	* *	1	$21,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	10%	0-2	$6,200	2031	$123,900	1	$3,500	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Fan Room								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Compressor, Auditorium Fan Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Auditorium Fan Room								
Window/Wall Unit	20%	0-2	$12,700	2026	$63,600	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
No Component	70%							
Terminal Devices								
Air Handler/Dir Expansion	10%			2031	$48,300	1		
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2031	$7,300	2	$5,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%	0-2	$18,400	LIFE	* *	2-5	$11,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : All Air Handler Dampers, Fna Room								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$35,100	
Exhaust Fans								
Interior	30%			2031	$111,800	2	$800	
Roof	70%			2031	$114,100	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	20%	0-2	$4,300	2041	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Supply Pipe At Water Main, Basement								
Brass/Copper	80%			2041	* *	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$8,100	2031	$406,200	4	$8,300	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Coil Connection, Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$16,800	4	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$58,100	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 81 - BK**
Address : **990 DEKALB AVENUE @STUYVESANT AVE.**
Borough : **BROOKLYN**
Agency's Number : **K081**
Program / Asset # : **BOE0398.000 / 1392**
Yr Built/Renovated : **1966 / 2007**
Area Sq Ft : **109,000**
Project Type : **EDUCATION**
Date of Survey : **04-Jun-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,4**
Block : **1602** **Lot** : **19** **BIN** : **3043248**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$545,300	$57,300
Interior Architecture	$10,251,900	$125,300
Electrical	$2,126,100	$848,300
Mechanical	$169,200	$355,500
Total	**$13,092,600**	**$1,386,500**
Importance Code A	$545,300	$108,700
Importance Code B	$12,464,700	$1,277,800
Importance Code C	$82,600	
Total	**$13,092,600**	**$1,386,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$64,800		$9,700	
Interior Architecture	$202,200	$7,000		$9,000
Electrical	$94,300	$35,400	$3,200	$3,700
Mechanical	$108,800	$56,400	$24,300	$16,200
Site Pavements	$500			
Total	**$470,600**	**$98,800**	**$37,200**	**$28,900**
Importance Code A	$75,600	$11,000	$20,500	$10,800
Importance Code B	$304,800	$87,700	$16,700	$18,100
Importance Code C	$90,200			
Total	**$470,600**	**$98,800**	**$37,200**	**$28,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	5%	0-2	$7,600	2050	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	70%	Now	$471,700	LIFE	* *	5	$57,300	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Classrooms Along Dekalb Avenue								
Stucco Cement	25%	Now	$23,200	2043	* *	5	$25,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : First Floor At Corners And Throughout								
Windows								
Aluminum	100%			2046	* *	5	$19,400	
Parapets								
Metal Panel	10%	Now	$4,800	2050	* *	5	$2,300	
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Connecting Corridor At Low Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Connecting Corridor At Low Roof								
Metal: Cage/Fence	10%			2043	* *	5-10	$9,200	
Stucco Cement	80%	Now	$29,200	2043	* *	5	$12,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$73,600	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Kitchen								
Metal Panel	5%			2043	* *	10	$12,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$35,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement Mechanical Room								
Mosaic Tile	5%	0-2	$15,100	2043	* *	5	$10,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Toilets Throughout								
Quarry Tile	5%	0-2	$11,800	2043	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : First Floor Corridor								
Vinyl Tile	45%	Now	$40,000	2035	* *	3	$27,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	35%			2025	$9,928,500	3	$21,100	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$34,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Mechanical Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Along Dekalb Avenue								
Ceramic Tile	5%	Now	$10,100	2039	* *	5	$4,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Concrete Masonry Unit	15%			LIFE	* *	5	$11,000	
Plaster	50%	Now	$44,700	LIFE	* *	5	$27,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement And Custodian Locker								
SGFT/Glazed Masonry	25%	Now	$82,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$32,300	2035	* *	5	$25,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Gymnasium								
Exposed Struc: Concrete	50%	Now	$240,800	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	$125,300			
Metal Panel	5%	Now	$13,300	LIFE	* *	5	$10,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$10,000	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Iron Picket	75%			2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	2-4	$500	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	50%			2043	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : Center Courtyard								
Rubber Matting	50%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	60%			2030	$156,100	5	$300	
Fused Disc Sw	40%			2050	* *	5	$200	
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$300	
Fused Toggle Switch	5%	2-4	$12,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 70%								
Location : Basement								
Molded Case Bkrs	20%			2046	* *	5	$600	
Molded Case Bkrs	65%			2029	$155,700	5	$1,900	
Wiring								
Braided Cloth	60%	2-4	$205,100	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Thermoplastic	30%			2030	$102,600	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	90%			2028	$163,300	5	$700	
Locally Mounted	10%	Now	$10,900	2050	* *	5		
Not Functioning, Extent : Moderate, Area Affected : 80%								
Location : Basement Fan Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$1,543,600	10	$95,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	45%			2025	$82,300	10	$11,800	
Emergency, Battery	5%			2035	* *	10	$1,300	
Exit, Service	40%			2025	$18,800	1		
Exit, Service	10%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%	Now	$20,300	2025	$101,700			
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Perimeter								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2058	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Chimney Stack								
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$40,900	1	$8,100	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%	Now	$49,200	2025	$98,400	1-3	$21,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Pull Stations And Gongs Not Working, System Is Not Recording								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$108,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$17,500	2050	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Make-up Water Tank Valve								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : At Air Handlers In Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$8,200	2035	* *	1	$12,100	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Air Handlers - Flexible Connections								
Convector/Radiator	80%	Now	$35,700	2035	* *	1	$25,300	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : No Temperature Control In Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	10%			2030	$258,800			
Window/Wall Unit	10%			2025	$41,300	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,800	
Exhaust Fans								
Interior	20%			2030	$96,700	2	$700	
Roof	80%	Now	$8,500	2025	$169,200	2	$2,100	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Bathroom Exhaust Fan								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$27,800	2035	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Shut Off Valves, Basement								
Water Heater With Tanks								
Electric	5%	Now		2030	$1,200	4		
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Bottom Of Unit								
Gas Fired	95%			2028	$16,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 81 - Q**		
Address	: **559 CYPRESS AVENUE @ BLEECKER ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q081**
Program / Asset #	: **BOE0733.000 / 536**	**Yr Built/Renovated**	: **1904 / 2011**
Area Sq Ft	: **51,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3437** **Lot** : **1**	**BIN**	: **4082076**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$266,000	
Interior Architecture	$588,900	
Electrical	$159,700	$137,400
Mechanical	$58,000	$318,400
Total	**$1,072,500**	**$455,800**
Importance Code A	$266,000	
Importance Code B	$806,500	$455,800
Total	**$1,072,500**	**$455,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,600		$28,900	
Interior Architecture	$10,600		$12,000	$9,100
Electrical	$1,900	$1,500	$83,300	$2,300
Mechanical	$36,600	$6,500	$81,900	$7,500
Site Enclosure	$2,300			
Total	**$54,000**	**$7,900**	**$206,100**	**$18,900**
Importance Code A	$24,800	$5,100	$34,100	$5,100
Importance Code B	$22,700	$2,900	$172,000	$13,800
Importance Code C	$6,500			
Total	**$54,000**	**$7,900**	**$206,100**	**$18,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$19,100	
Masonry: Brick	78%	0-2	$156,800	LIFE	* *	5	$38,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Through 3rd Floor Stair Case On South Side Of Building, Room 304								
Masonry: Limestone	15%			LIFE	* *	5	$5,500	
Metal Panel	2%			2041	* *	5-10	$6,700	
Windows								
Aluminum	100%	4+	$109,200	2047	* *	5	$11,500	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Throughout Classrooms								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$3,800	
Masonry: Limestone	5%			LIFE	* *	5	$200	
Roof								
Built-Up (BUR)	95%			2036	* *	10	$27,100	
Metal Panel	5%			2044	* *	10	$2,600	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Mosaic Tile	3%			2044	* *	5	$6,300	
Vinyl Tile	7%	Now	$3,200	2036	* *	3	$2,200	
Worn/Eroded, Extent : Severe, Area Affected : 2%								
Location : General Office, Principals Office, Room 208								
Vinyl Tile 9" X 9"	80%	Now	$588,900	2041	* *	3	$25,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout Basement And 5th Floor								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Throughout Basement And 5th Floor								
Wood	10%			2046	* *	5	$15,600	
Interior Walls								
Ceramic Tile	5%	0-2	$4,200	2034	* *	5	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Concrete Masonry Unit	2%			LIFE	* *	5	$600	
Masonry: Brick	10%			LIFE	* *			
Painted Surfaces, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
Metal: Cage/Fence	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Staircases								
Explanation : Wire Mesh And Glass Partitions								
Plaster	78%			LIFE	* *	5	$18,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stair On 5th Floor, Room 304								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$8,300	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Exposed Steel Deck And Steel Beams								
Plaster	80%			LIFE	* *	5	$41,700	
Site Enclosure								
Fence/Gates								
Chain Link	30%	Now	$2,300	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Gate On Bleeker And Cypress								
Iron Picket	70%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	95%			2031	$137,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Disc Sw	5%			2030	$7,000	5	$100	
Molded Case Bkrs	90%			2047	* *	5	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	0-2	$159,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	10%			2031	$20,000	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$46,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$6,200	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$28,700	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm With Motion Sensor Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$9,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : No.2 Fuel								
Conversion Equipment								
Steam Boiler	100%	Now	$22,200	2036	* *	1	$45,500	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Tubes Of No.2 Boiler								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. Defective Thermostat. Temperature Is Controlled By Shutting Down Boiler								
Distribution								
Steam Piping/Pump	100%	0-2	$8,200	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Leaking Piping From Gasket								
Terminal Devices								
Convector/Radiator	80%			2036	* *	1	$13,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : No Shut Off Valve On Radiators								
Unit Heater - Steam	20%			2031	$58,000	4	$900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Main Distribution Facility								
Explanation : 1 Unit								
Window/Wall Unit	30%	Now	$1,200	2026	$58,000	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Various								
Explanation : Few Of The Window Air Conditioning Units Not Working								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$11,400	
No Component	60%							
Exhaust Fans								
Roof	40%			2026	$39,600	2	$600	
No Component	60%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2041	* *	1		
Galvanized Steel	40%			2029	$260,400	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Girls Bathroom At First Floor								
Explanation : Backups During Heavy Rainfall Due To Defective Plugs In Girls Bathroom At First Floor								
Sump Pump(s)								
Non-Submersible	100%			2031	$10,200	4	$1,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$35,300	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 81 - Q ANNEX (OL 75)**		
Address	: **511 SENECA AVENUE @BLEECKER ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q081**
Program / Asset #	: **BOE0733.010 / 537**	**Yr Built/Renovated**	: **1898 / 2011**
Area Sq Ft	: **15,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3434** **Lot** : **1**	**BIN**	: **4081987**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$213,800	
Mechanical		$95,700
Total	**$213,800**	**$95,700**
Importance Code B	$213,800	$95,700
Total	**$213,800**	**$95,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,800			$3,100
Interior Architecture	$49,000	$700	$700	$2,900
Electrical	$20,900	$400	$19,300	$700
Mechanical	$8,400	$2,300	$2,200	$2,300
Site Enclosure	$2,100			
Total	**$88,200**	**$3,500**	**$22,200**	**$9,000**
Importance Code A	$9,300	$1,500	$1,500	$4,500
Importance Code B	$78,300	$2,000	$20,700	$4,400
Importance Code C	$600			
Total	**$88,200**	**$3,500**	**$22,200**	**$9,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q ANNEX (OL 75)

Asset # : 537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5		
Wood	2%			2044	* *	5		
Windows								
Aluminum	100%			2047	* *	5	$6,100	
Roof								
Asphalt Shingle	100%			2040	* *	10		
Soffits								
Wood	100%			2044	* *	5	$15,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$6,000	
Ceramic Tile	5%			2040	* *	5	$1,400	
Vinyl Tile	65%	Now	$147,700	2041	* *	3	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Main Lobby, 2nd Floor Lobby, Classrooms								
Uneven Substrate, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 55%								
Location : Throughout, 1st Floor, 2nd Floor								
Vinyl Tile 9" X 9"	20%	Now	$48,400	2041	* *	3	$2,100	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor, Room 250								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$1,300	
Masonry: Brick	15%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$6,100	
Ceilings								
AcousTileSusp.Lay-In	5%			2036	* *	5	$1,400	
Embossed Metal	80%	Now	$66,100	LIFE	* *	5	$9,900	
Deteriorated Finish, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Staining/Discoloring, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Plaster	10%			LIFE	* *	5	$1,700	
Wood	5%			LIFE	* *	5	$12,000	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2051	* *			
Iron Picket	90%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$2,100	2066	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Rear Stair To Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 81 - Q ANNEX (OL 75)
Asset # : 537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Cast in Place Concrete	30%			2044	* *			
Rubber Matting	70%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	70%			2031	$18,000	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$2,000	5		
Fused Toggle Switch	15%	2-4	$6,000	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Molded Case Bkrs	80%			2047	* *	5	$300	
Wiring								
Braided Cloth	50%	2-4	$14,300	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$3,600	10		
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,800	
Exit, Service	50%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 81 - Q ANNEX (OL 75)
Asset # : 537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm With Motion Sensor Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horn, Alarm Bells And Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units, No.2 Fuel								
Distribution								
Steam Piping/Pump	100%	Now	$6,000	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Location								
Explanation : No Vacuum Pump. No. Zone Temperature Control								
Terminal Devices								
Convector/Radiator	100%			2036	* *	1	$4,800	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$95,700	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q ANNEX (OL 75)

Asset # : 537

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2031	$6,700	1	$900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	50%							
Generic	50%			2041	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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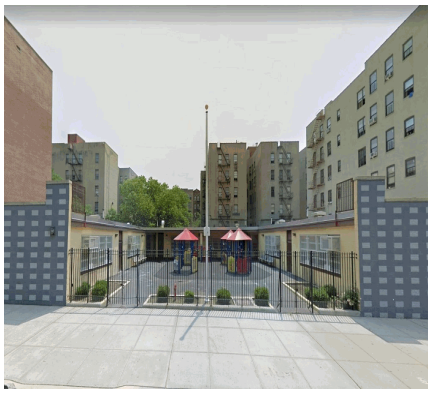
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 817 - BX**		
Address	: **1680 HOE AVENUE @ E.173 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X817**
Program / Asset #	: **BOE0339.000 / 4415**	**Yr Built/Renovated**	: **1970 / 2006**
Area Sq Ft	: **9,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2990** **Lot** : **6**	**BIN**	: **2010671**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$1,308,900
Electrical		$203,800
Mechanical	$58,700	$304,500
Total	**$58,700**	**$1,817,200**
Importance Code A		$164,000
Importance Code B	$58,700	$1,653,200
Total	**$58,700**	**$1,817,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,400			
Interior Architecture	$32,600		$500	$900
Electrical	$7,600	$800	$1,000	$900
Mechanical	$6,500	$800	$3,200	$800
Site Pavements	$1,000			
Total	**$65,100**	**$1,700**	**$4,700**	**$2,700**
Importance Code A	$17,400	$600		$600
Importance Code B	$31,500	$1,100	$4,700	$2,100
Importance Code C	$16,200			
Total	**$65,100**	**$1,700**	**$4,700**	**$2,700**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 817 - BX

Asset # : 4415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	85%			LIFE	* *	5	$13,200	
Masonry: Brick	10%			LIFE	* *	5	$2,500	
Wood	5%			2038	* *	5	$3,100	
Windows								
Aluminum	90%			2049	* *	5	$1,600	
Metal Louvers	10%			2042	* *	10	$1,100	
Parapets								
Concrete Masonry Unit	90%			LIFE	* *	5-10		
Pre-Cast Concrete	5%			LIFE	* *	5		
No Component	5%							
Roof								
Built-Up (BUR)	100%			2038	* *	10	$29,200	
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$17,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,700	
Ceramic Tile	2%	4+	$1,400	2042	* *	5	$100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Vinyl Tile	33%			2038	* *	3	$1,500	
Vinyl Tile 9" X 9"	60%			2028	$1,308,900	3	$3,700	
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	$16,900	
Gypsum Board	25%			LIFE	* *	5-10	$12,000	
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5-10	$14,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 817 - BX

Asset # : 4415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	40%	4+	$1,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	5%			2038	* *			
Rubber Matting	55%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$65,000	5		
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Fused Disc Sw	50%			2032	$15,000	5	$100	
Fused Toggle Switch	15%	2-4	$4,500	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	35%			2032	$10,500	5	$100	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	50%			2033	$67,100	10	$4,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	50%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,100	
Exit, Battery	50%			2038	* *	10	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 817 - BX

Asset # : 4415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%	Now	$2,100	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Building Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Radiant Heater	70%			2033	$164,000	2	$2,900	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Explanation : 9 Units								
No Component	30%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$4,000	
No Component	50%							
Terminal Devices								
Fan Coil Unit/Heat	90%			2028	$140,600	1	$2,600	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	40%			2027	$58,700	2	$200	
Window/Wall Unit	60%			2028	$20,500	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 817 - BX

Asset # : 4415

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2	$8,800	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,900	
Exhaust Fans								
Interior	100%			2038	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Leaking Connections, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 82 - Q**		
Address	: **88-02 144 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q082**
Program / Asset #	: **BOE0734.000 / 538**	**Yr Built/Renovated**	: **1906 / 2010**
Area Sq Ft	: **57,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **9684** **Lot** : **8**	**BIN**	: **4206905**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$125,000	$626,200
Interior Architecture	$232,900	$1,976,300
Electrical	$59,900	$256,800
Mechanical		$470,600
Total	**$417,800**	**$3,329,800**
Importance Code A	$125,000	$626,200
Importance Code B	$134,000	$2,703,700
Importance Code C	$158,800	
Total	**$417,800**	**$3,329,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,300		$25,600	
Interior Architecture	$87,100	$5,600	$12,700	$3,400
Electrical	$5,400	$5,300	$58,900	$5,700
Mechanical	$84,000	$11,300	$70,900	$12,000
Site Enclosure	$21,000			
Site Pavements	$42,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$252,600**	**$26,100**	**$172,000**	**$25,000**
Importance Code A	$28,300	$5,600	$31,400	$5,600
Importance Code B	$194,800	$20,500	$140,600	$19,300
Importance Code C	$29,600			
Total	**$252,600**	**$26,100**	**$172,000**	**$25,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$10,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 1906 Building								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$15,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1995 Building								
Explanation : Trims								
Glass Block	1%	Now	$3,400	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Portico Wall At Exit To Playground								
Masonry: Brick	45%			LIFE	* *	5	$29,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 1906 Building								
Masonry: Brick Cavity	43%			LIFE	* *	5	$28,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1995 Building								
Explanation : Cavity Wall								
Masonry: Limestone	4%			LIFE	* *	5	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1906 Building								
Explanation : Corner Blocks And Horizontal Bands								
Metal Panel	2%			2051	* *	5-10	$9,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1995 Building								
Explanation : Roof Bulkhead								
Windows								
Aluminum	50%	Now	$24,300	2039	* *	5	$4,400	
Caulking Deteriorated, Extent : Severe, Area Affected : 30%								
Location : Perimeter Of Window Openings								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles								
Aluminum	45%	Now	$38,000	2039	* *	5	$4,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : 1995 Building								
Metal Louvers	5%	Now	$4,900	2034	* *			
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : At Univents, Dampers Malfunction In 1995 Addition								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1906 Building								
Explanation : Coping Stones At Main Roof								
Masonry: Brick	37%			LIFE	* *	5	$3,700	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Interior Parapet								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1906 Building								
Explanation : Interior And Exterior Parapet								
Masonry: Brick Cavity	20%			LIFE	* *	5	$2,000	
Masonry: Limestone	5%			LIFE	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1906 Building								
Explanation : Lower Roofs								
Metal Panel	20%			2051	* *	5	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1995 Building								
Explanation : Interior Parapet								
Pre-Cast Concrete	8%			LIFE	* *	5	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1995 Building								
Explanation : Coping Stone								
Roof								
Copper/Terne	5%			2059	* *	10	$6,000	
IRMA/Protected Membrane	55%	Now	$62,600	2031	$626,200			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Insul Miss/Displaced, Extent : Severe, Area Affected : 20%								
Location : 1995 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Gymnasium At Air Handler Penetration Cafeteria And Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1995 Buildings								
Modified Bitumen	40%			2036	* *	10	$19,200	
Soffits								
Metal Panel	100%			2041	* *	5-10		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$7,600	LIFE	* *	5	$9,800	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Sub-basement And Basement In Boiler Room								
Ceramic Tile	5%	Now	$12,600	2040	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Girls Bathroom On First Floor And Boys Bathroom At Third Floor								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Girls Bathroom On First Floor And Boys Bathroom At Third Floor								
Mosaic Tile	1%	Now	$4,200	2036	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Foyer At Main Entry								
Quarry Tile	2%			2036	* *	5	$2,700	
Terrazzo	4%			LIFE	* *	5	$2,800	
Vinyl Tile	50%			2031	$1,235,200	3	$16,800	
Vinyl Tile	30%	0-2	$74,100	2031	$741,100	3	$10,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement And 1st Floor Corridors At 1906 Building								
Uneven Substrate, Extent : Moderate, Area Affected : 45%								
Location : 1st, 2nd, 3rd Floor Corridors At 1906 Building								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Auditorium At 1995 Building								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Basement And 1st Floor Corridors At 1906 Building								
Wood	3%	Now	$3,200	2059	* *	5	$2,500	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Next To Water Fountains In Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$20,300	2040	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Girls Bathroom On First Floor And Boys Bathroom On Third Floor								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Girls Bathroom On First Floor And Boys Bathroom On Third Floor								
Concrete Masonry Unit	20%			LIFE	* *	5	$11,800	
Folding Partition	2%	Now	$81,700	2047	* *	5	$3,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Track To Hold In Place In Auditorium And Cafeteria								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Auditorium And Cafeteria								
Explanation : Rubber Gasketed Joints Are Worn. Need Replacement								
Gypsum Board	5%			LIFE	* *	5	$4,400	
Masonry: Brick	5%			LIFE	* *			
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Metal: Cage/Fence	5%			LIFE	* *			
Plaster	43%	Now	$77,100	LIFE	* *	5	$19,000	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Assistant Principals Office, Library And 211								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	4+	$4,900	2044	* *	5	$9,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Basement - Northeast Wing								
AcousTileSusp.Lay-In	30%			2036	* *	5	$22,600	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,200	
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Metal Decking In Basement								
Gypsum Board	5%			LIFE	* *	5	$4,700	
Plaster	30%	Now	$34,400	LIFE	* *	5	$14,100	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Assistant Principals Office, Computer Room, Library, Rooms 119, 124, 211 And 313								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$3,000	2051	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : 88th Avenue								
Explanation : Gates Not Aligned At Dumpster Area								
Iron Picket	50%	Now	$3,300	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : At Gates 4 And 5								
Explanation : Gates Not Aligned								
Retaining Walls								
Cast in Place Concrete	100%	4+	$14,700	2051	* *			
Loose/Delam Surface, Extent : Light, Area Affected : 10%								
Location : Playground Ramp Area								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Corner Of 88th Road And 144th Street								
Explanation : Rust Stained At Retaining Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$37,600	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 88th Avenue								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : 88th Avenue At Tree Pit Area								
On-Site Walkways								
Asphalt	50%			2034	* *			
Cast in Place Concrete	50%	4+	$500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Ramp								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$2,400	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Driveway Entrance								
Activity Yard								
Asphalt	100%	4+	$2,300	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In Cellar								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In Cellar								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	55%			2051	* *	1		
Conduit	45%			2031	$65,100	1		
Panelboards								
Fused Disc Sw	7%			2030	$9,800	5	$100	
Fused Disc Sw	3%			2047	* *	5		
Molded Case Bkrs	55%			2047	* *	5	$800	
Molded Case Bkrs	35%			2030	$48,900	5	$500	
Wiring								
Braided Cloth	30%	2-4	$59,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wings								
Thermoplastic	20%			2051	* *	1		
Thermoplastic	50%			2031	$99,800	1		
Motor Controllers								
Locally Mounted	40%			2044	* *	5	$200	
Locally Mounted	60%			2029	$43,000	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room In Cellar								
Explanation : Three Automatic Transfer Switches								
Generators								
Diesel	100%			2040	* *	1	$22,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room In Cellar								
Explanation : One 100 Kilowatts								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$12,700	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room In Cellar								
Explanation : One 50 Gallons								
Main Tank	50%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	40%			2036	* *	10	$20,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wings								
Explanation : T-8 Lamps								
Fluorescent	58%			2039	* *	10	$30,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Service	20%			2036	* *	1		
Emergency, Service	30%			2039	* *	1		
Exit, Service	35%			2036	* *	1		
Exit, Service	10%			2026	$2,500	1		
Exit, Service	5%			2039	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$21,400	1	$4,300	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$7,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5,000 Gallon Tank.								
Conversion Equipment								
Steam Boiler	90%			2036	* *	1	$50,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	10%	Now	$14,900	2044	* *	1	$5,100	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Sections Of No.1 Unit In Boiler Room								
Distribution								
Steam Piping/Pump	20%	0-2	$36,500	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Thermostats In New Wing								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Steam Piping/Pump	80%			2041	* *			
Terminal Devices								
Air Handler	30%			2036	* *	1	$10,600	
Convector/Radiator	50%			2036	* *	1	$9,200	
Fan Coil Unit/Heat	20%			2036	* *	1	$3,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	0-2	$3,400	2031	$168,200	1	$4,800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : No.2 Compressor, New Wing Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : New Wing Penthouse								
Reciprocating Compr/Chiller	10%			2031	$84,100	1	$2,600	
Window/Wall Unit	10%			2026	$21,600	1		
No Component	60%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2051	* *	4	$800	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	30%			2036	* *	1	$10,600	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2026	$31,400	2	$11,900	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$15,900	
No Component	50%							
Exhaust Fans								
Interior	30%			2036	* *	2	$500	
Roof	50%			2041	* *	2	$900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2051	* *	1		
Galvanized Steel	30%			2029	$218,300	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$14,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Exits No.1 And No.7								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 1st And 3rd Floors Boys Bathrooms								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$1,800	4	$1,800	
Backflow Preventer								
No Component	70%							
Generic	30%			2036	* *	1	$1,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2051	* *	1-5	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing								
Explanation : New Wing Only								
Sprinkler								
No Component	70%							
Generic	30%			2051	* *	1-2	$4,800	
Chemical System								
No Component	99%							
Generic	1%			2029	$2,900	1-3	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 83 - M**		
Address	: **219 EAST 109 STREET @2ND - 3RD AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M083**
Program / Asset #	: **BOE0049.000 / 1683**	**Yr Built/Renovated**	: **1964 / 2000**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1659** **Lot** : **12**	**BIN**	: **1052436**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$376,400	
Interior Architecture	$637,500	$86,700
Electrical	$210,700	$549,000
Mechanical	$473,000	$1,287,000
Site Pavements	$64,600	$84,900
Total	**$1,762,300**	**$2,007,600**
Importance Code A	$789,600	
Importance Code B	$972,700	$2,007,600
Total	**$1,762,300**	**$2,007,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,000	$8,000		$11,600
Interior Architecture	$89,400	$12,400		$13,200
Electrical	$1,900	$2,600	$2,800	$41,500
Mechanical	$79,600	$10,900	$21,500	$23,200
Site Pavements	$19,800			
Total	**$191,700**	**$34,000**	**$24,300**	**$89,500**
Importance Code A	$1,000	$15,800	$7,800	$19,600
Importance Code B	$159,600	$16,300	$16,400	$69,900
Importance Code C	$31,100	$1,900		
Total	**$191,700**	**$34,000**	**$24,300**	**$89,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$3,900	
Masonry: Brick Cavity	71%			LIFE	* *	5	$29,600	
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Masonry: Marble	2%			LIFE	* *	5	$600	
Pre-Cast Concrete	15%			LIFE	* *	5	$20,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,800	
Windows								
Aluminum	50%			2040	* *	5	$8,000	
Aluminum	50%			2040	* *	5	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade And Throughout								
Explanation : Protective Metal Grilles								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,700	
Masonry: Brick Cavity	90%			LIFE	* *	5	$7,800	
Roof								
Built-Up (BUR)	65%	Now	$35,200	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 302, 303. Saturated Roof Slab								
Built-Up (BUR)	30%	2-4	$16,200	2027	$325,000			
Debris Present, Extent : Severe, Area Affected : 3%								
Location : Lower Roofs								
Copper/Terne	5%			2047	* *	10	$11,600	
Soffits								
Cement - Fiber Panel	100%	Now	$1,000	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Exterior Soffit Areas On 109th Street								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$18,900	LIFE	* *	5	$24,300	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Throughout Basement Slab								
Ceramic Tile	1%	Now	$25,100	2047	* *	5	$600	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : 3rd Floor Staff Toilet And Principals Toilet, Kitchen								
Patching Evident, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Ceramic Tile	4%			2045	* *	5	$4,400	
Sheet Vinyl/Rubber	5%			2037	* *	5	$8,300	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	10%			2037	* *	3	$4,200	
Vinyl Tile 9" X 9"	65%	Now	$637,500	2042	* *	3	$27,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Gymnasium And Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Interior Walls								
Ceramic Tile	1%	Now	$31,100	2047	* *	5	$500	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Toilets, Kitchen								
Ceramic Tile	4%			2045	* *	5	$3,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$5,700	
Plaster	55%			LIFE	* *	5	$15,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$14,300	2037	* *	5	$11,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Corridors								
AcousTileConcealSpLn	10%			2045	* *	5	$13,900	
Exposed Struc: Concrete	52%			LIFE	* *	5	$9,000	
Fiber Board	5%			2032	$86,700			
Metal Panel	3%			LIFE	* *	5	$4,200	
Plaster	10%			LIFE	* *	5	$6,900	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2042	* *			
Iron Picket	25%			2067	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,300	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 109th Street Sidewalk								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 110th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Asphalt	90%	0-2	$64,600	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Play Yard And Playground								
Rubber Matting	10%	0-2	$8,500	2032	$84,900			
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Play Yard								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Rear Play Yard								

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$12,600	5	$100	
Fused Disc Sw	3%			2048	* *	5	$100	
Molded Case Bkrs	75%			2031	$134,700	5	$1,600	
Molded Case Bkrs	15%			2048	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Thermoplastic	10%			2032	$20,000	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%			2045	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$71,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$9,500	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$29,700	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$14,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$24,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$413,100	2052	* *	1	$70,400	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler Room. Leaking Multiple Tubes								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$31,600	2032	$632,600			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Leaking Oil Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2032	$297,300	1	$9,800	
Convector/Radiator	80%			2037	* *	1	$20,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$3,000	2027	$59,900	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,100	
Exhaust Fans								
Interior	20%			2032	$70,100	2	$500	
Roof	60%			2042	* *	2	$1,500	
Roof	20%			2032	$30,700	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%	Now	$4,000	2030	$201,700	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$7,800	
Sanitary Piping								
Cast Iron	100%	0-2	$19,900	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$15,800	2042	* *	4	$1,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2032	$41,400	4	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$54,600	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 84 - BK**		
Address	: **250 BERRY STREET @ S.1ST ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K084**
Program / Asset #	: **BOE0399.000 / 1393**	**Yr Built/Renovated**	: **1969 / 2002**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **2391** **Lot** : **1**	**BIN**	: **3062766**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$270,200	$343,200
Interior Architecture	$2,270,100	$17,755,700
Electrical	$262,600	$1,197,300
Mechanical		$3,130,900
Site Pavements	$106,200	
Total	**$2,909,000**	**$22,427,100**
Importance Code A	$270,200	$1,171,200
Importance Code B	$2,236,600	$21,255,800
Importance Code C	$402,300	
Total	**$2,909,000**	**$22,427,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,600		$6,800	
Interior Architecture	$137,800		$10,900	$14,800
Electrical	$10,400	$8,900	$11,100	$10,000
Mechanical	$44,000	$15,600	$21,500	$13,700
Site Enclosure	$2,100			
Site Pavements	$8,400			
Total	**$245,200**	**$24,500**	**$50,300**	**$38,500**
Importance Code A	$52,000	$9,400	$16,200	$9,400
Importance Code B	$118,800	$15,100	$34,100	$29,100
Importance Code C	$74,400			
Total	**$245,200**	**$24,500**	**$50,300**	**$38,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass: Special Gauge	5%			LIFE	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Green House Structure On Roof								
Masonry: Brick	95%			LIFE	* *	5	$208,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Explanation : Sidewalk Bridge Installed Around Entire Building To Catch Falling Debris								
Windows								
Aluminum	100%			2049	* *	5	$26,200	
Parapets								
Cast in Place Concrete	85%	0-2	$66,900	LIFE	* *	5	$76,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parapet								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Exterior Of Building								
Explanation : Sidewalk Bridge Installed Around Entire Building To Catch Falling Debris								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$12,400	
Masonry: Brick	10%			LIFE	* *	5-10	$6,000	
Roof								
Built-Up (BUR)	85%			2038	* *	10	$63,000	
Metal Panel	5%			2046	* *	10	$6,800	
Sloped Glazing	10%			LIFE	* *	5	$197,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Green House Structure								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$30,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$66,500	
Ceramic Tile	3%			2042	* *	5	$4,600	
Terrazzo	3%			LIFE	* *	5	$7,100	
Traffic Topping	5%			2041	* *	5	$9,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Green House Structure								
Vinyl Tile	10%			2038	* *	3	$5,700	
Vinyl Tile 9" X 9"	66%	0-2	$1,770,000	2033	$17,699,800	3	$37,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	3%			2061	* *	5	$8,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%	0-2	$24,800	2036	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$18,000	
Folding Partition	5%	Now	$155,900	2041	* *	5	$14,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And Cafeteria								
Masonry: Brick	5%			LIFE	* *	10	$3,400	
Mosaic Tile	1%			LIFE	* *	10	$1,400	
Plaster	45%	0-2	$246,500	LIFE	* *	5	$30,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$33,800	
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$29,800	
AcousTileConcealSpLn	5%			2038	* *	5	$9,300	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$18,600	
Metal Panel	5%	0-2	$12,300	LIFE	* *	5	$9,300	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	60%			LIFE	* *	5-10	$153,700	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Iron Picket	60%	Now	$2,100	2068	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Berry Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$106,200	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Bridge Installed Over Sidewalk								
On-Site Walkways								
Asphalt	60%			2042	* *			
Cast in Place Concrete	40%			2046	* *			
Activity Yard								
Rubber Matting	100%	Now	$8,400	2038	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Courtyard								

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DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Molded Case Bkrs	10%			2041	* *	5	$300	
Molded Case Bkrs	85%			2032	$203,600	5	$2,100	
Wiring								
Braided Cloth	90%	2-4	$262,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$74,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	15%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Lobby, Auditorium, Cafeteria								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%			2033	$79,700	10	$11,500	
Exit, Service	50%			2033	$20,500	1		
Exterior Lighting								
HID	30%			2028	$133,000	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$178,300	1	$35,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$58,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$220,900	5	$29,400	
Conversion Equipment								
Steam Boiler	100%			2031	$828,000	1	$94,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	$760,700			
Terminal Devices								
Air Handler	20%			2033	$357,600	1	$11,800	
Convector/Radiator	80%			2038	* *	1	$24,600	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$287,900	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,900	
Exhaust Fans								
Interior	25%			2033	$105,300	2	$700	
Roof	75%			2033	$138,300	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$363,800	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 120 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2033	$49,700	4	$5,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$39,400	1-2	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 84 - M**		
Address	: **32 WEST 92 STREET @ CENTRAL PARK WEST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M084**
Program / Asset #	: **BOE0050.000 / 1684**	**Yr Built/Renovated**	: **1962 / 2013**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1205** **Lot** : **6**	**BIN**	: **1081042**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$148,100	$917,300
Interior Architecture	$853,300	$10,537,900
Electrical		$2,413,000
Mechanical		$841,600
Site Pavements		$186,200
Total	**$1,001,400**	**$14,896,000**
Importance Code A	$148,100	$917,300
Importance Code B	$648,000	$13,978,700
Importance Code C	$205,300	
Total	**$1,001,400**	**$14,896,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,000		$8,900	
Interior Architecture	$164,300		$12,400	$17,700
Electrical	$9,400	$8,100	$10,300	$9,000
Mechanical	$109,000	$13,000	$19,200	$15,600
Total	**$343,700**	**$21,100**	**$50,800**	**$42,400**
Importance Code A	$76,200	$8,600	$17,500	$8,600
Importance Code B	$217,000	$12,500	$33,200	$27,600
Importance Code C	$50,500			$6,200
Total	**$343,700**	**$21,100**	**$50,800**	**$42,400**

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DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	$10,700	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$1,800	
Masonry: Brick	88%			LIFE	* *	5	$125,600	
Masonry: Brick	3%	0-2	$35,300	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Granite Panels	2%	0-2	$3,500	LIFE	* *	5	$1,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$17,800	
Roof								
Built-Up (BUR)	90%	Now	$85,200	2033	$852,300			
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Roof								
Copper/Terne	5%	Now	$10,700	2048	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Green, Roof Inaccessible	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Recent Installation								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$112,600	LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	0-2	$37,300	2042	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$10,300	
Vinyl Tile	30%			2033	$1,096,900	3	$19,900	
Vinyl Tile 9" X 9"	40%	0-2	$467,200	2028	$9,343,700	3	$19,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors On 2nd And 3rd Floor, Basement, Classrooms								
Wood	10%			2061	* *	5	$24,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$12,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$19,700	
Glazed Ceramic Panel	5%			LIFE	* *	10	$11,100	
Marble Panels	5%			LIFE	* *	10	$4,900	
Plaster	50%	Now	$149,900	LIFE	* *	5	$37,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%	4+	$55,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$24,600	
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$18,700	
AcousTileConcealSpLn	10%	0-2	$20,100	2038	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$15,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,500	
Fiber Board	5%	Now	$9,700	2033	$97,400			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Metal Panel	5%	Now	$10,300	LIFE	* *	5	$7,800	
Bent/Warped Elements, Extent : Severe, Area Affected : 15%								
Location : Kitchen And Cafeteria								
Plaster	50%			LIFE	* *	5-10	$107,300	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2053	* *			
Iron Picket	90%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	50%			2042	* *			
Cast in Place Concrete	50%			2046	* *			
Activity Yard								
Asphalt	2%			2036	* *			
Rubber Matting	98%			2028	$186,200			
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	70%			2032	$167,600	5	$1,600	
Molded Case Bkrs	20%			2041	* *	5	$500	
Wiring								
Braided Cloth	70%			2032	$204,200	1		
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$1,271,000	10	$78,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	20%			2033	$10,700	1		
Emergency, Battery	30%			2038	* *	10	$6,300	
Exit, Battery	50%			2038	* *	10	$2,900	
Exterior Lighting								
HID	10%			2028	$40,600	10		
LED	10%			2038	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2028	$81,700	1	$16,300	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2033	$81,700	1	$16,300	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Throughout The Building								
Explanation : CCTV System								

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DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$53,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns, Strobes And Smoke Detection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	* *	5	$27,000	
Conversion Equipment								
Steam Boiler	100%	Now	$15,200	2038	* *	1	$77,500	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$34,800	2043	* *			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Blow Down Piping Corroded And Leaking								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Steam Piping, Leaking Compressor For Oil Supply, Vacuum Pump Leaking								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Chemical Pump Is Not Working								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2033	$327,400	1	$10,800	
Convector/Radiator	80%			2046	* *	1	$22,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2028	$98,900	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	70%			2033	$270,100	2	$1,900	
Roof	30%	0-2	$5,100	2033	$50,600	2	$600	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Water Main								
Water Heater With Tanks								
Electric	100%			2032	$94,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 80 Gallon Units								
HW Heat Exchanger								
Steam Fired	100%	Now	$21,000	2043	* *	4	$8,600	
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$2,700	4	$2,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2043	* *	1-2	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : In Basement Only								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 84 - Q**		
Address	: **22-45 41 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q084**
Program / Asset #	: **BOE0735.000 / 1633**	**Yr Built/Renovated**	: **1904 / 2009**
Area Sq Ft	: **49,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **794** **Lot** : **17**	**BIN**	: **4015334**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$218,400	$332,900
Interior Architecture	$431,300	$1,497,800
Electrical	$318,300	$298,200
Total	**$968,100**	**$2,129,000**
Importance Code A	$218,400	$332,900
Importance Code B	$749,600	$1,796,100
Total	**$968,100**	**$2,129,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$50,000	$4,000	$6,800	$12,000
Electrical	$1,400	$1,500	$2,200	$58,000
Mechanical	$53,300	$8,200	$7,800	$9,300
Site Enclosure	$28,500			
Total	**$133,200**	**$13,700**	**$16,800**	**$79,200**
Importance Code A	$21,400	$4,900	$4,900	$5,000
Importance Code B	$46,000	$6,900	$11,900	$74,300
Importance Code C	$65,800	$1,900		
Total	**$133,200**	**$13,700**	**$16,800**	**$79,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$38,100	
Masonry: Brick	85%			LIFE	* *	5	$41,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,800	
Windows								
Aluminum	100%	0-2	$218,400	2048	* *	5	$11,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$3,600	
Masonry: Limestone	10%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	100%			2032	$332,900	10	$28,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,100	
Ceramic Tile	5%			2035	* *	5	$4,200	
Quarry Tile	5%			2037	* *	5	$6,300	
Vinyl Tile	10%	Now	$4,600	2037	* *	3	$3,100	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Vinyl Tile	65%			2032	$1,497,800	3	$20,300	
Wood	10%			2047	* *	5	$15,600	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$3,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,100	
Masonry: Brick	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$17,300	
Plaster	5%	Now	$37,300	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : 3rd Floor								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 3rd Floor Of Staircase C								
Ceilings								
AcousTile,Adhered	15%	0-2	$8,100	2037	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Lunch Room								
Plaster	85%	0-2	$431,300	LIFE	* *	5	$44,300	
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : 3rd Floor								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Above Windows In Room 204								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%			2042	* *			
Iron Picket	40%	0-2	$28,500	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Retaining Walls								
Cast in Place Concrete	20%			2052	* *			
Masonry: Fieldstone	80%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Asphalt	95%			2035	* *			
Rubber Matting	5%			2032				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$200	
Raceway								
Conduit	95%			2032	$76,900	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$7,000	5	$100	
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	80%			2031	$111,800	5	$1,000	
Molded Case Bkrs	10%			2040	* *	5	$100	
Wiring								
Braided Cloth	85%	2-4	$89,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2042	* *	1		
Thermoplastic	5%			2058	* *	1		
Motor Controllers								
Locally Mounted	20%			2030	$14,300	5	$100	
No Component	80%							
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	83%			2040	* *	10	$37,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	15%			2032	$109,600	10	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	2%			2040	* *	10	$900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : All Closet Rooms								
Egress Lighting								
Emergency, Battery	15%			2032	$12,300	10	$1,800	
Emergency, Battery	35%			2027	$28,800	10	$4,100	
Exit, Service	5%			2032	$1,100	1		
Exit, Service	45%			2027	$9,500	1		
Exterior Lighting								
HID	100%			2027	$228,600	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	15%			2032	$13,800	1	$2,800	
Generic	15%			2027	$13,800	1	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$37,900	1-3	$9,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5,000 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$21,400	2037	* *	1	$43,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units; Leak Has Been Capped In The Tube Of Boler No.1; Need Complete Repair								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$27,600	2052	* *	4	$2,400	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Crawl Space								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : At Crawl Space								
Explanation : Return Water In Steam Piping Is Leaking								
Terminal Devices								
Convector/Radiator	100%			2037	* *	1	$15,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2037	* *	2	$300	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Roof								
Explanation : Serve Multipurpose Room								
Window/Wall Unit	10%			2030	$18,600	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$1,400	
No Component	95%							
Exhaust Fans								
Roof	5%			2037	* *	2	$100	
No Component	95%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$1,600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$700	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Basement								
Explanation : Serve Storage Room And Boiler Room								
Chemical System								
Wet	10%			2030	$8,200	1-3	$9,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	80%							
Generic	10%			2030	$8,200	1-3	$8,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 85 - Q**		
Address	: **23-70 31 STREET BTWN: 23 RD., 24 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q085**
Program / Asset #	: **BOE0736.000 / 1619**	**Yr Built/Renovated**	: **1908 / 2012**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **842** **Lot** : **31**	**BIN**	: **4017485**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$208,900	$50,800
Interior Architecture	$58,500	
Electrical	$169,700	$175,900
Mechanical		$1,165,200
Site Pavements	$209,300	
Total	**$646,400**	**$1,391,900**
Importance Code A	$208,900	$50,800
Importance Code B	$437,500	$1,341,100
Total	**$646,400**	**$1,391,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$132,900			
Interior Architecture	$142,800		$4,200	$9,500
Electrical	$7,100	$5,500	$6,800	$5,500
Mechanical	$50,500	$8,700	$12,900	$8,000
Total	**$333,300**	**$14,200**	**$23,900**	**$23,000**
Importance Code A	$138,700	$5,800	$5,800	$5,800
Importance Code B	$152,300	$8,300	$18,000	$17,200
Importance Code C	$42,300			
Total	**$333,300**	**$14,200**	**$23,900**	**$23,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$61,000	
Masonry: Brick	65%	Now	$208,900	LIFE	* *	5	$50,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Masonry: Granite	5%			LIFE	* *	5	$5,900	
Masonry: Limestone	23%	4+	$28,300	LIFE	* *	5	$13,500	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Front Entrance								
Stucco Cement	2%			2038	* *	5	$3,900	
Windows								
Aluminum	100%	Now	$7,800	2049	* *	5	$4,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Various Classroom								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$20,400	
Masonry: Brick	80%			LIFE	* *	5-10	$26,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Roof								
Built-Up (BUR)	95%	Now	$21,100	2038	* *			
Ponding, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 312, Library, Stair Bulkhead								
Modified Bitumen	5%			2038	* *	10	$1,900	
Soffits								
Cast in Place Concrete	60%			LIFE	* *	5	$6,300	
Masonry: Brick	20%			LIFE	* *	5	$400	
Masonry: Limestone	20%			LIFE	* *	5	$300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,500	
Ceramic Tile	5%	4+	$5,000	2036	* *	5	$2,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 1st Floor Boys Toilet								
Vinyl Tile	85%	0-2	$41,800	2038	* *	3	$28,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Wood	5%			2061	* *	5	$8,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$3,700	2036	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathroom And Stairwells								
Masonry: Brick	10%			LIFE	* *	10	$2,000	
Plaster	75%	Now	$24,500	LIFE	* *	5	$15,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Classrooms And Stair Bulkheads								
SGFT/Glazed Masonry	10%	Now	$12,100	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Ceilings								
AcousTile,Adhered	30%	0-2	$17,200	2050	* *	5	$13,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Classrooms								
Exposed Struc: Concrete	10%	Now	$26,700	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Plaster	60%			LIFE	* *	5-10	$91,900	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%			2068	* *			
Retaining Walls								
Cast in Place Concrete	5%			2068	* *			
Masonry: Brick	95%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	10%			2036	* *			
Cast in Place Concrete	85%			2038	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	45%	0-2	$209,300	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Rear Play Yard								
Rubber Matting	5%			2038	* *			
Under Construction	50%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	85%			2033	$122,900	1		
Conduit	15%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2049	* *	5	$200	
Molded Case Bkrs	85%			2049	* *	5	$1,300	
Wiring								
Braided Cloth	85%	2-4	$169,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$53,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$7,100	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$22,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$36,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$58,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	5%	0-2	$14,200	2043	* *			
Controller Not Working, Extent : Moderate, Area Affected : 60%								
Location : Thermostats, Various Locations.								
Steam Piping/Pump	95%			2033	$448,800			
Terminal Devices								
Convector/Radiator	90%			2031	$434,200	1	$17,200	
Unit Heater - Steam	10%	0-2	$6,700	2033	$33,500	4	$500	
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : Various Locations.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2031	$167,600	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,100	
Exhaust Fans								
Roof	100%			2028	$114,500	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One Abandoned Unit Remains								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	0-2	$2,100	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Water Backs Up In Basement When It Rains								
Cast Iron	90%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2033	$11,800	4	$1,900	
Backflow Preventer								
Generic	100%			2041	* *	1	$3,600	
Fixtures								
Generic	100%							
	Other Observation, Extent : Light, Area Affected : 80%							
	Location : Various Locations.							
	Explanation : Aged							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$40,800	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 86 - BK THE IRVINGTON SCHOOL**
Address : **220 IRVING AVENUE @ HARMON ST.**
Borough : **BROOKLYN**
Agency's Number : **K086**
Program / Asset # : **BOE0401.000 / 1394**
Yr Built/Renovated : **1892 / 2014**
Area Sq Ft : **37,000**
Project Type : **EDUCATION**
Date of Survey : **15-Feb-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Att**
Block : **3289** **Lot** : **27** **BIN** : **3075109**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$162,800	$78,900
Interior Architecture	$632,300	
Electrical		$122,700
Mechanical	$143,400	$458,500
Total	**$938,500**	**$660,100**
Importance Code A	$162,800	$78,900
Importance Code B	$535,500	$581,200
Importance Code C	$240,200	
Total	**$938,500**	**$660,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,400			
Interior Architecture	$142,700		$3,200	$3,600
Electrical	$35,000	$3,500	$4,300	$3,800
Mechanical	$4,900	$5,300	$4,900	$4,900
Total	**$237,000**	**$8,800**	**$12,400**	**$12,400**
Importance Code A	$58,100	$3,700	$3,700	$3,700
Importance Code B	$157,700	$5,100	$8,700	$6,900
Importance Code C	$21,200			$1,800
Total	**$237,000**	**$8,800**	**$12,400**	**$12,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BK THE IRVINGTON SCHOOL
Asset # : 1394

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$157,800	
Masonry: Brownstone	10%			LIFE	* *	5	$13,900	
Slate Panels	5%	Now	$36,000	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$22,800	
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	* *	5-10	$115,300	
No Component	75%							
Roof								
Asphalt Shingle	90%			2042	* *	10	$7,300	
Built-Up (BUR)	10%			2038	* *	10	$4,900	
Interior								
Floors								
Cast in Place Concrete	15%	0-2	$46,600	LIFE	* *	5	$24,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2042	* *	5	$3,700	
Vinyl Tile	35%			2038	* *	3	$9,600	
Wood	45%	Now	$392,100	2048	* *	5	$30,800	
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Attic Hatch								
Worn/Eroded, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$3,600	
Masonry: Brick	25%	Now	$173,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Storage Area Behind Tank Room								
Masonry: Fieldstone	10%	Now	$67,000	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Open Joints								
Plaster	60%	0-2	$21,200	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BK THE IRVINGTON SCHOOL
Asset # : 1394

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	40%	0-2	$30,800	LIFE	* *	5	$13,100	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Exposed Struc: Concrete	10%	Now	$21,900	LIFE	* *	5	$1,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement Storage Area								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Tank Room								
Plaster	50%	0-2	$22,200	LIFE	* *	5	$22,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Exposed Struc: Steel	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : Metal Panels								
Iron Picket	25%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$1,000	
Raceway								
Conduit	70%			2033	$42,900	1		
Conduit	30%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BK THE IRVINGTON SCHOOL
Asset # : 1394

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2049	* *	5		
Fused Disc Sw	5%			2049	* *	5		
Molded Case Bkrs	80%			2032	$79,800	5	$800	
Molded Case Bkrs	10%			2049	* *	5	$100	
Wiring								
Braided Cloth	40%	2-4	$30,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Thermoplastic	40%			2033	$30,900	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$33,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	$31,100	10	$4,500	
Exit, Battery	50%			2033	$26,200	10	$1,200	
Exterior Lighting								
HID	30%			2038	* *	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$13,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$22,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BK THE IRVINGTON SCHOOL
Asset # : 1394

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$36,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$59,300	2043	* *			
Corroded, Extent : Severe, Area Affected : 20%								
Location : Various Locations In Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Oil Tank Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Convector/Radiator	90%			2031	$272,300	1	$10,800	
Fan Coil Unit/Heat	10%			2033	$91,700	1	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2026	$84,100	1		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$94,500	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 100 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$7,400	4	$1,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$25,600	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 86 - Q**		
Address	: **87-41 PARSONS BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q086**
Program / Asset #	: **BOE0737.000 / 2766**	**Yr Built/Renovated**	: **1970 / 2007**
Area Sq Ft	: **88,426**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9774** **Lot** : **1**	**BIN**	: **4438678**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$366,800	$409,400
Interior Architecture	$16,993,300	
Electrical	$214,600	$2,336,700
Mechanical	$301,800	$811,000
Site Enclosure	$51,600	
Total	**$17,928,100**	**$3,557,200**
Importance Code A	$366,800	$409,400
Importance Code B	$17,194,800	$3,147,800
Importance Code C	$366,500	
Total	**$17,928,100**	**$3,557,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,100		$8,700	$2,200
Interior Architecture	$216,300		$11,700	$13,200
Electrical	$68,000	$2,800	$61,200	$2,000
Mechanical	$35,700	$3,500	$10,500	$4,300
Site Enclosure	$53,000			
Site Pavements	$69,400			
Total	**$508,600**	**$6,200**	**$92,100**	**$21,700**
Importance Code A	$66,100		$8,900	$2,200
Importance Code B	$274,900	$6,200	$83,200	$19,500
Importance Code C	$167,500			
Total	**$508,600**	**$6,200**	**$92,100**	**$21,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Bronze/Brass	1%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entrance Facade								
Explanation : Cast Bronze Sculpture								
Masonry: Brick Cavity	40%	Now	$248,700	LIFE	* *	5	$28,600	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Above And Below Horizontal Expansion Joints								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Horizontal Joints								
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : Auditorium, Gymnasium, Cafeteria, Kitchen Building West Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation Walls, Basement Through Elevator Shaft At North West Facade								
Metal Coiling Doors	5%			2036	* *	5	$11,200	
Pre-Cast Concrete	54%			LIFE	* *	5	$125,300	
Windows								
Aluminum	75%	4+	$63,700	2039	* *	5	$6,700	
Glazing Clouded, Extent : Severe, Area Affected : 1%								
Location : Classroom 301, Lower Hopper								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Operation Issues								
Explanation : Throughout Classrooms								
Aluminum	25%			2047	* *	5	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Story Windows								
Explanation : Protective Metal Grilles Over Windows								
Parapets								
Copper/Terne	15%			2066	* *	5	$6,200	
Masonry: Brick Cavity	25%			LIFE	* *	5	$2,100	
Metal Rail	10%			2044	* *	5-10	$15,400	
Pre-Cast Concrete	45%	4+	$15,600	LIFE	* *	5	$24,100	
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Moss On Coppings Throughout								
Pre-Cast Concrete	5%	Now	$17,300	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Coping At Lower Parapet								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping At Lower Parapet								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Coping At Lower Parapet								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Moss Throughout Coppings								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	30%	2-4	$14,200	2031	$284,100			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Built-Up (BUR)	67%			2036	* *	10	$54,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Solar Panels								
Copper/Terne	3%	4+	$1,300	2059	* *			
Debris Present, Extent : Severe, Area Affected : 10%								
Location : Lower Roofs At Gutters								
Soffits								
Cast in Place Concrete	100%	4+	$8,400	LIFE	* *	5	$35,500	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Entrance Sofit								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$22,500	LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridors								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Through Elevator Shaft Parking Area On West Facade								
Mosaic Tile	5%	2-4	$31,000	2036	* *	5	$8,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Panel/Paver: Cer/Brk	3%	4+	$18,900	2039	* *	5	$4,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Stairwells								
Quarry Tile	2%			2044	* *	5	$4,000	
Vinyl Tile	10%			2036	* *	3	$6,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Gymnasium, Cafeteria And Room 201								
Vinyl Tile 9" X 9"	70%	Now	$327,000	2026	$16,351,400	3	$34,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Room 128 And Gymnasium Storage Room								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Various Locations In Corridors And Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$46,800	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : North Wall In Basement								
Ceramic Tile	23%	Now	$155,900	2034	* *	5	$28,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Lower Third Of The Corridor Walls And Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Lower Third Of The Corridor Walls								
Concrete Masonry Unit	10%	Now	$46,300	LIFE	* *	5	$9,900	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Base Of Walls At Storage Rooms Next To Elevator Shaft								
Folding Partition	2%			2039	* *	5	$12,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, Cafeteria And Auditorium Partition								
Masonry: Brick	5%			LIFE	* *			
Metal Panel	2%	Now	$12,700	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Southeast Exit At Base								
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Southeast Exit At Base								
Plaster	53%	2-4	$158,900	LIFE	* *	5	$39,200	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Third, Second And First Floor Classrooms And Offices								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Ceilings								
AcousTile,Adhered	15%			2044	* *	5	$18,700	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Perimeter Of Ceilings In Corridors From Wall Washing								
AcousTileConcealSpLn	15%			2036	* *	5	$23,400	
Exposed Struc: Concrete	2%	Now	$18,700	LIFE	* *	5	$400	
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Reinforcing Bars At Beam In Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Ceiling And Beams At North Side Of Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Beam In Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Ceiling And Beams At North Side Of Basement								
Exposed Struc: Concrete	55%			LIFE	* *	5	$10,700	
Metal Panel	3%			LIFE	* *	5	$4,700	
Plaster	10%			LIFE	* *	5	$7,800	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$51,600	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Severe, Area Affected : 5%								
Location : Gates By Dumpsters								
Free Standing Walls								
Masonry: Brick	100%	Now	$7,700	2041	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 15%								
Location : Northwest Wall								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Coping Stones								
Retaining Walls								
Masonry: Brick	100%	Now	$45,300	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Parsons Boulevard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	78%	Now	$15,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	5%	Now	$12,000	2051	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 100%								
Location : Ramp To Entry								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ramp To Top Of Entrance								
Explanation : Temporary Patch At Gap								
Cast in Place Concrete	15%			2044	* *			
Pavers/Stone	2%			2034	* *			
Parking/Driveway								
Asphalt	80%	Now	$5,400	2034	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Driveway And Parking Area								
Cast in Place Concrete	20%	Now	$14,800	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Dumpster Area								
Ponding, Extent : Severe, Area Affected : 30%								
Location : Dumpster Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	40%	Now	$17,500	2046	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : North Courtyard								
Ponding, Extent : Severe, Area Affected : 20%								
Location : North Courtyard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Courtyard								
Explanation : Not Used Due To Uneven Surfaces								
Cast in Place Concrete	25%			2044	* *			
Cast in Place Concrete	5%	Now	$4,100	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : North Courtyard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : North Courtyard								
Rubber Matting	30%			2031	$31,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	100%			2031	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Toggle Switch	3%	2-4	$7,200	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	87%			2030	$208,400	5	$2,000	
Wiring								
Braided Cloth	30%	2-4	$87,500	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2031	$204,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$500	
Locally Mounted	20%	2-4	$14,300	2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2031	$1,291,800	10	$79,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2031	$26,400	10	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Stair Case								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Battery	30%			2026	$44,500	10	$6,400	
Emergency, Battery	20%			2036	* *	10	$4,300	
Exit, Service	10%			2036	* *	1		
Exit, Service	40%			2026	$15,300	1		
Exterior Lighting								
HID	20%	Now	$82,500	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Not Functional								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$33,200	1	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Classroom								
Explanation : Intrusion Alarm. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$45,600	2041	* *	1-3	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Plant Campus Steam / PRV	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hillcrest High School								
Explanation : Supplied From Adjacent High School								
Distribution								
Steam Piping/Pump	10%	0-2	$21,200	2041	* *			
Controller Not Working, Extent : Moderate, Area Affected : 70%								
Location : Thermostats And Pneumatic Controls, Various Locations								
Steam Piping/Pump	90%			2041	* *			
Terminal Devices								
Convector/Radiator	100%			2036	* *	1	$28,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Air Handlers Have Not Been Used For Many Years.								
Air Conditioning								
Energy Source								
District Chilled Water	5%	0-2	$900	2041	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Not In Service Due To Control Valve Leakage								
Electricity	95%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2026	$67,000	1		
Window/Wall Unit	40%	0-2	$80,400	2031	$134,000	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	40%							
Distribution								
CW & CHW Wtr Pipe/Pump	5%			2041	* *	4	$300	
No Component	95%							
Terminal Devices								
Air Handler/Cool/Ht	5%	0-2	$1,000	2031	$51,500	1	$2,500	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : HVAC No.1 In Basement								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,300	
Exhaust Fans								
Interior	10%			2031	$39,200	2	$300	
Roof	90%	0-2	$7,700	2026	$154,400	2	$1,900	
Not in Service, Extent : Moderate, Area Affected : 75%								
Location : Roof								
Plumbing								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$564,400	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%	0-2	$1,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$17,700	4	$1,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$61,100	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 87 - M**
Address : **160 WEST 78 STREET @ AMSTERDAM AVE**
Borough : **MANHATTAN**
Agency's Number : **M087**
Program / Asset # : **BOE0051.000 / 1685**
Yr Built/Renovated : **1955 / 2006**
Area Sq Ft : **89,000**
Project Type : **EDUCATION**
Date of Survey : **30-Mar-2018**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1149** **Lot** : **7**
BIN : **1030196**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$186,200	$925,100
Interior Architecture		$10,233,300
Electrical	$990,500	$209,900
Mechanical	$2,349,900	$1,043,800
Total	**$3,526,600**	**$12,412,200**
Importance Code A	$1,035,800	$925,100
Importance Code B	$2,490,800	$11,487,100
Total	**$3,526,600**	**$12,412,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$64,700			$55,200
Interior Architecture	$12,400	$7,400	$6,600	$40,600
Electrical	$13,900	$4,100	$2,500	$2,800
Mechanical	$67,000	$16,900	$18,900	$38,400
Site Pavements	$33,900			
Total	**$191,900**	**$28,500**	**$28,100**	**$137,000**
Importance Code A	$73,700	$8,800	$8,800	$64,100
Importance Code B	$118,200	$19,600	$19,200	$73,000
Importance Code C				
Total	**$191,900**	**$28,500**	**$28,100**	**$137,000**

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Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - M

Asset # : 1685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$60,700	
Masonry: Limestone	3%			LIFE	* *	5	$1,600	
Granite Panels	12%			LIFE	* *	5	$6,400	
Windows								
Aluminum	100%	4+	$186,200	2045	* *	5	$8,900	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$2,100	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Rail	70%			2042	* *	5-10	$107,700	
Roof								
Built-Up (BUR)	60%			2034	* *	10	$48,700	
Copper/Terne	2%			2057	* *	10	$4,100	
IRMA/Protected Membrane	38%	Now	$16,000	2029	$799,000			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 1%								
Location : South Side								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Above Room 301								
Soffits								
Stucco Cement	100%			2042	* *	5	$17,800	
Interior								
Floors								
Carpet	5%			2028	$128,200	3	$9,900	
Cast in Place Concrete	10%			LIFE	* *	5	$29,000	
Ceramic Tile	5%			2038	* *	5	$6,600	
Terrazzo	5%			LIFE	* *	5	$5,200	
Vinyl Tile	25%			2034	* *	3	$12,400	
Vinyl Tile 9" X 9"	40%			2029	$10,233,300	3	$19,900	
Wood	10%			2044	* *	5	$24,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2038	* *	5	$12,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,900	
Plaster	45%			LIFE	* *	5	$33,300	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%			2042	* *	5	$43,700	
AcousTileConcealSpLn	20%			2042	* *	5	$31,200	
AcousTileSusp.Lay-In	5%			2042	* *	5	$6,200	
Plaster	40%			LIFE	* *	5	$31,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 87 - M

Asset # : 1685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%			2049	* *			
Iron Picket	75%			2064	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$31,300	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Near Entrance								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Near Entrance								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : 78th Street Side At Tree Pits								
On-Site Walkways								
Cast in Place Concrete	100%			2034	* *			
Activity Yard								
Asphalt	55%	2-4	$2,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East Side Of Activity Yard								
Rubber Matting	45%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2029	$44,600	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2029	$5,000	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$400	
Raceway								
Conduit	95%			2029	$209,900	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	7%			2028	$18,400	5	$100	
Fused Disc Sw	3%			2045	* *	5	$100	
Molded Case Bkrs	90%			2045	* *	5	$2,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - M

Asset # : 1685

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	85%	2-4	$271,600	2054	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2027	$130,800	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$73,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 88%								
Location : Throughout The Building								
Fluorescent	6%			2037	* *	10	$4,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$10,700	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2024	$454,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$54,900	1	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Offices, Cafeteria, And Exit Doors								
Explanation : Intrusion Alarm And Motion Detector Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *	1-3	$16,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2039	* *	5	$27,600	
Conversion Equipment								
Steam Boiler	100%			2027	$849,600	1	$88,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - M

Asset # : 1685

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$137,000	2039	* *	4	$4,400	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump In The Basement								
Terminal Devices								
Air Handler	10%			2029	$183,400	1	$5,500	
Convector/Radiator	90%			2027	$717,400	1	$25,900	
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Split Unit	5%			2034	* *			
Window/Wall Unit	60%			2024	$221,600	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,600	
Exhaust Fans								
Interior	90%			2029	$389,100	2	$2,500	
Roof	10%			2024	$18,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2039	* *	1		
Galvanized Steel	30%			2027	$373,300	1		
Water Heater With Tanks								
Electric	100%			2027	$25,900	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
HW Heat Exchanger								
Steam Fired	100%			2029	$471,300	4	$13,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2024	$19,500	4	$2,800	
Sewage Ejector(s)								
Electric	100%			2024	$51,000	4	$5,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2039	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 87 - Q**		
Address	: **67-54 80 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q087**
Program / Asset #	: **BOE0738.000 / 1605**	**Yr Built/Renovated**	: **1906 / 2013**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **3782** **Lot** : **27**	**BIN**	: **4091737**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$720,600	$216,000
Interior Architecture	$1,865,700	
Electrical	$204,200	$500,900
Mechanical		$159,100
Site Enclosure	$78,200	
Total	**$2,868,700**	**$876,000**
Importance Code A	$720,600	$216,000
Importance Code B	$1,610,500	$660,000
Importance Code C	$537,600	
Total	**$2,868,700**	**$876,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$93,300		$14,500	
Interior Architecture	$107,100	$9,300	$15,200	$5,400
Electrical	$16,800	$13,700	$15,700	$16,900
Mechanical	$79,700	$13,000	$16,500	$12,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$300,900**	**$39,900**	**$65,800**	**$38,500**
Importance Code A	$100,100	$6,900	$21,400	$6,900
Importance Code B	$184,600	$33,000	$41,000	$31,600
Importance Code C	$16,100		$3,500	
Total	**$300,900**	**$39,900**	**$65,800**	**$38,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$167,700	
Masonry: Brick	65%	4+	$574,300	LIFE	* *	5	$69,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Staircases A, B, C, D, E, F, G, H								
Masonry: Brick Cavity	20%			LIFE	* *	5	$42,900	
Masonry: Limestone	5%			LIFE	* *	5	$8,000	
Windows								
Aluminum	100%			2049	* *	5	$36,300	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$17,000	
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$45,100	
Metal Rail	5%			2046	* *	5-10	$7,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,200	
Roof								
Built-Up (BUR)	5%			2038	* *	10	$1,600	
IRMA/Protected Membrane	60%			2038	* *	10	$18,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1906 Building								
Plaza Roof: Stone Panels	35%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2013 Addition								
Soffits								
Cast Stone/Terra Cotta	50%			LIFE	* *	5	$124,800	
Stucco Cement	50%			2046	* *	5	$20,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	4+	$20,900	LIFE	* *	5	$26,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement Floor								
Ceramic Tile	7%			2046	* *	5	$8,600	
Quarry Tile	3%			2046	* *	5	$5,500	
Traffic Topping	10%	Now	$586,500	2043	* *	5	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement, Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Basement								
Vinyl Tile	35%	Now	$594,200	2038	* *	3	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Third Floor								
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Third Floor Classrooms And Corridors 1906 Wing								
Vinyl Tile	30%			2041	* *	3	$13,800	
Wood	5%	4+	$18,300	2036	* *	5	$5,800	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Auditorium								
Interior Walls								
Ceramic Tile	5%			2046	* *	5	$7,000	
Ceramic Tile	3%	Now	$231,200	2048	* *	5	$2,100	
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms 1906 Building								
Concrete Masonry Unit	15%			LIFE	* *	5	$16,800	
Folding Partition	2%			2049	* *	5	$7,000	
Masonry: Brick	10%			LIFE	* *	10	$4,200	
Plaster	60%	4+	$102,300	LIFE	* *	5	$25,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout 1906 Building								
SGFT/Glazed Masonry	5%	Now	$125,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Staircase In 1906 Building								
Ceilings								
AcousTileSusp.Lay-In	15%			2050	* *	5	$18,600	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$15,500	
Exposed Struc: Steel	10%			LIFE	* *	10	$24,700	
Gypsum Board	5%			LIFE	* *	5-10	$21,300	
Plaster	60%	0-2	$225,700	LIFE	* *	5	$46,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 1906 Building								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	80%	4+	$78,200	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : 80th Street, 67th Drive And 68th Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	60%			2042	* *			
Cast in Place Concrete	35%			2046	* *			
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	25%			2033	$56,900	5	$100	
Fused Disc Sw	75%			2053	* *	5	$300	
Raceway								
Conduit	70%			2033	$141,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	7%			2032	$16,800	5	$100	
Fused Disc Sw	3%			2049	* *	5	$100	
Molded Case Bkrs	60%			2032	$143,700	5	$1,300	
Molded Case Bkrs	30%			2049	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$83,600	5	$400	
Locally Mounted	30%			2046	* *	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$25,800	
Generators								
Diesel	100%			2042	* *	1	$32,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Roof								
Explanation : One 150 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,100	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Roof								
Explanation : One 275 Gallons Rated Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$74,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Emergency, Battery	5%			2038	* *	10	$1,000	
Exit, Service	45%			2038	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside Of The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2038	* *	1	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$51,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights, Alarm Bells, Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2059	* *	1		
Interruptible Gas/Dual Fuel	70%			2053	* *	1		
Conversion Equipment								
Furnace	20%			2041	* *	1	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 2 Rooftop Package Units								
Furnace	5%			2041	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Roof								
Explanation : 1 Rooftop Package Unit								
Hot Water Boiler	10%			2050	* *	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 2 Units								
Steam Boiler	65%			2046	* *	1	$54,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	10%			2055	* *	4	$400	
Steam Piping/Pump	65%	0-2	$43,700	2053	* *			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Pump, Valves And Piping In Old Wing								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations In Old Wing								
No Component	25%							
Terminal Devices								
Convector/Radiator	65%			2038	* *	1	$17,600	
Convector/Radiator	10%			2050	* *	1	$2,700	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	70%			2041	* *	1		
Electricity	30%			2055	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2041	* *	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 2 Newly Installed Units Using R-410a Refrigerant								
Ext Pkg Unit - Heating/Cooling	5%			2041	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Roof								
Explanation : 1 Newly Installed Unit Using R-410a Refrigerant								
Window/Wall Unit	50%			2028	$159,100	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$37,100	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$22,300	
No Component	20%							
Exhaust Fans								
Roof	80%			2041	* *	2	$2,100	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Brass/Copper	30%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	70%			2032	$23,900	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 1 Unit								
Gas Fired	30%			2031	$10,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Boiler Room								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$16,800	4	$2,700	
Backflow Preventer								
Generic	100%			2041	* *	1	$5,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 New Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2059	* *	1-5	$12,700	
Sprinkler								
No Component	70%							
Generic	30%			2059	* *	1-2	$7,100	
Fire Pump								
No Component	70%							
Generic	30%			2046	* *	1	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 88 - Q**		
Address	: **60-85 CATALPA AVENUE @FRESH POND ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q088**
Program / Asset #	: **BOE0739.000 / 1606**	**Yr Built/Renovated**	: **1908 / 2015**
Area Sq Ft	: **108,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4**		
Block	: **3534** **Lot** : **12**	**BIN**	: **4085173**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,904,700	$315,100
Interior Architecture	$81,200	$5,856,800
Electrical	$300,100	$2,102,000
Mechanical	$846,500	$2,392,000
Total	**$3,132,500**	**$10,666,000**
Importance Code A	$1,904,700	$315,100
Importance Code B	$1,227,800	$10,350,800
Total	**$3,132,500**	**$10,666,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$13,200
Interior Architecture		$17,000	$26,900	$27,200
Electrical	$10,500	$26,300	$11,400	$11,200
Mechanical	$49,100	$45,400	$43,700	$61,100
Site Enclosure	$7,000			
Site Pavements	$9,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$83,800**	**$96,600**	**$89,900**	**$120,600**
Importance Code A	$18,800	$10,700	$10,700	$24,100
Importance Code B	$58,000	$85,900	$74,400	$96,500
Importance Code C	$7,000		$4,700	
Total	**$83,800**	**$96,600**	**$89,900**	**$120,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Iron	1%			LIFE	* *			
Cast Stone/Terra Cotta	4%			LIFE	* *	5	$71,000	
Masonry: Brick	40%			LIFE	* *	5	$90,800	
Masonry: Brick Cavity	35%	Now	$138,500	LIFE	* *	5	$79,500	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Expansion Joints - Facades Of 1996 Addition								
Masonry: Granite	5%			LIFE	* *	5	$8,500	
Masonry: Limestone	5%			LIFE	* *	5	$8,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$73,800	
Windows								
Aluminum	98%	Now	$126,700	2048	* *	5	$26,600	
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Various Windows Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Window Caulking								
Metal Louvers	2%			2041	* *	10	$6,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$18,600	
Masonry: Brick	50%			LIFE	* *	5	$12,000	
Masonry: Brick Cavity	30%			LIFE	* *	5	$7,200	
Metal Rail	5%			2037	* *	5-10	$21,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,500	
Roof								
IRMA/Protected Membrane	45%			2027	$1,498,700	10	$63,300	
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : East Roof - 1996 Addition								
Modified Bitumen	55%			2037	* *	10	$77,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,800	
Ceramic Tile	5%			2035	* *	5	$13,600	
Quarry Tile	5%			2045	* *	5	$20,400	
Terrazzo	10%			LIFE	* *	5	$21,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairs								
Explanation : Treads And Landings								
Vinyl Tile	65%			2032	$4,888,500	3	$66,400	
Wood	10%	Now	$81,200	2047	* *	5	$25,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : 1st And 3rd Floor Classrooms And Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : 1st And 3rd Floor Classrooms And Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$9,500	
Concrete Masonry Unit	20%			LIFE	* *	5	$15,100	
Gypsum Board	5%			LIFE	* *	5	$5,700	
Plaster	40%			LIFE	* *	5	$22,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2037	* *	5	$54,400	
Fiber Board	20%			2032	$849,300			
Gypsum Board	15%			LIFE	* *	5	$51,000	
Metal Panel	5%			LIFE	* *	5	$17,000	
Plaster	40%			LIFE	* *	5	$68,100	
Site Enclosure								
Fence/Gates								
Chain Link	25%	Now	$7,000	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Cast-in-place Concrete Footing								
Iron Picket	75%			2067	* *			
Retaining Walls								
Cast in Place Concrete	50%			2067	* *			
Masonry: Fieldstone	50%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	40%			2045	* *			
Pavers/Stone	35%			2041	* *			
Panel/Paver: Bluestone	25%			LIFE	* *	5	$1,700	
Parking/Driveway								
Asphalt	100%			2035	* *			
Activity Yard								
Asphalt	60%	Now	$9,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	40%			2037	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : At Joints								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Disconnect Switch Rated At 4,000 Amperes. One 1600 Ampere Disconnect.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- Vertical Sections								
Raceway								
Conduit	30%			2042	* *	1		
Conduit	70%			2032	$170,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	30%			2040	* *	5	$900	
Molded Case Bkrs	55%			2031	$131,700	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$239,300	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2042	* *	1		
Motor Controllers								
Locally Mounted	50%			2037	* *	5	$400	
Locally Mounted	50%			2030	$90,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$33,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 1000 Ampere Zenith Automatic Transfer Switch. One 200 Ampere Asco Automatic Transfer Switch								
Generators								
Diesel	100%			2035	* *	1	$41,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$24,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 50 Gallons Rated Capacity								
Main Tank	50%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2032	$1,529,400	10	$94,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2032	$80,500	10	$5,000	
T-9 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Lobby And Stair Case								
Egress Lighting								
Emergency, Service	50%			2032	$33,300	1		
Exit, Service	50%			2032	$23,300	1		
Exterior Lighting								
LED	10%			2037	* *			
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$60,800	1	$12,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$20,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors And Horns								
Trouble Signals Visible And Protective Covers Visible On Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$18,800	2045	* *	1	$96,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers. 1 Unit Has Defective Burners.								
Distribution								
Steam Piping/Pump	100%			2032	$864,800			
Terminal Devices								
Air Handler	20%			2032	$406,500	1	$13,400	
Convector/Radiator	50%			2037	* *	1	$17,400	
Fan Coil Unit/Heat	30%			2032	$803,300	1	$10,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2040	* *	1	$25,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Chillers								
Split Unit	10%			2037	* *			
Window/Wall Unit	5%			2027	$20,500	1		
No Component	35%							
Distribution								
CW & CHW Wtr Pipe/Pump	50%	Now	$1,100	2042	* *	4	$2,700	
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Basement								
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2027	$681,100	1	$33,400	
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	50%			2040	* *	2	$37,600	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Lower Roof								
Explanation : 2 Units								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2032	$191,600	2	$1,300	
Roof	60%			2032	$125,700	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Sub-basement								
Explanation : There Are Two Water Mains								
Galvanized Steel	30%	0-2	$165,500	2052	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Throughout Old Wing, The Domestic Hot And Cold Water Piping Are Beyond Their Useful Life Cycle Limit								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 1 House And 1 Kitchen								
Sanitary Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout Old Wing, The Sanitary Piping Is Beyond Its Useful Life Cycle.								
Storm Drain Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout Old Wing, The Storm Piping Is Beyond Its Useful Life Cycle.								
Sump Pump(s)								
Non-Submersible	100%			2032	$21,600	4	$3,400	
Backflow Preventer								
Generic	100%			2037	* *	1	$6,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$54,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2052	* *	1-2	$12,100	
Fire Pump								
Generic	100%	Now	$5,200	2041	* *	1	$18,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Chemical System								
No Component	97%							
Generic	3%			2030	$2,400	1-3	$2,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 89 - Q**		
Address	: **85-28 BRITTON AVENUE @HAMPTON ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q089**
Program / Asset #	: **BOE0740.000 / 1607**	**Yr Built/Renovated**	: **1906 / 2013**
Area Sq Ft	: **82,113**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **1514** **Lot** : **1**	**BIN**	: **4037370**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$527,700	$610,500
Interior Architecture	$175,200	$848,800
Electrical	$433,000	$432,200
Mechanical	$124,400	$3,070,400
Total	**$1,260,300**	**$4,962,000**
Importance Code A	$527,700	$610,500
Importance Code B	$665,900	$4,351,500
Importance Code C	$66,700	
Total	**$1,260,300**	**$4,962,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$11,800		$27,000	
Interior Architecture	$95,100			$9,200
Electrical	$7,400	$15,700	$13,200	$12,800
Mechanical	$29,700	$19,900	$66,600	$20,700
Site Enclosure	$11,300			
Site Pavements	$14,600			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$181,800**	**$47,400**	**$118,600**	**$54,500**
Importance Code A	$21,800	$8,100	$35,300	$8,100
Importance Code B	$140,100	$39,300	$83,300	$46,400
Importance Code C	$19,900			
Total	**$181,800**	**$47,400**	**$118,600**	**$54,500**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$41,900	
Glass Block	5%			LIFE	* *	5	$3,400	
Masonry: Brick	45%	Now	$198,800	LIFE	* *	5	$48,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : 1906 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Masonry: Brick Cavity	25%			LIFE	* *	5	$26,800	
Recent Repair Evident, Extent : N/A, Area Affected : 25%								
Location : 1999 Wing								
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Metal Panel	2%			2051	* *	5-10	$14,800	
Pre-Cast Concrete	8%			LIFE	* *	5	$27,900	
Stucco Cement	5%			2036	* *	5	$13,400	
Windows								
Aluminum	95%	Now	$328,900	2047	* *	5	$17,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,400	
Masonry: Brick Cavity	55%			LIFE	* *	5	$4,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1906 Wing								
Masonry: Limestone	15%			LIFE	* *	5	$1,600	
Metal Panel	3%			2051	* *	5	$1,000	
Metal Rail	10%	2-4	$5,500	2036	* *	5	$5,900	
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Parapet								
Pre-Cast Concrete	7%			LIFE	* *	5	$3,600	
Roof								
Built-Up (BUR)	5%			2036	* *	10	$1,600	
IRMA/Protected Membrane	40%			2031	$298,100	10	$12,600	
Modified Bitumen	45%			2036	* *	10	$14,200	
Plaza Roof: Stone Panels	10%			2051	* *			
Soffits								
Cement - Fiber Panel	100%	2-4	$6,200	2031	$312,500			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Play Area, Parking Lot								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,400	
Mosaic Tile	5%			2044	* *	5	$15,400	
Quarry Tile	5%			2044	* *	5	$9,200	
Vinyl Tile	25%	2-4	$17,000	2031	$848,800	3	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Old Wing And Basement								
Patching Evident, Extent : Light, Area Affected : 2%								
Location : Throughout Old Wing								
Vinyl Tile	25%			2036	* *	3	$15,400	
Vinyl Tile 9" X 9"	10%	Now	$108,500	2041	* *	3	$4,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : 2nd Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
Wood	25%	2-4	$36,700	2046	* *	5	$28,800	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Stage								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$7,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Masonry: Brick	5%	Now	$66,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Metal: Cage/Fence	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell								
Explanation : Wire Glass Metal Frame Well Separation								
Plaster	45%			LIFE	* *	5	$18,900	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2044	* *	5	$23,200	
AcousTileSusp.Lay-In	25%	4+	$10,300	2044	* *	5	$15,500	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout Classrooms And Corridors								
Plaster	60%			LIFE	* *	5	$46,400	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	5%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Courtyard Play Area								
Explanation : Chain Link On Top Of Concrete Masonry Unit Wall								
Concrete Masonry Unit	15%			2041	* *			
Iron Picket	80%	2-4	$11,300	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,500	2036	* *			
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Gleane Street								
On-Site Walkways								
Cast in Place Concrete	40%			2036	* *			
Masonry: Granite	5%	2-4	$3,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : All Entry Steps								
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : All Entry Steps								
Masonry: Granite	5%			LIFE	* *			
Panel/Paver: Cer/Brk	50%			2039	* *	5	$3,300	
Activity Yard								
Cast in Place Concrete	85%			2036	* *			
Rubber Matting	15%			2031	$39,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2041	* *	5	$200	
Fused Disc Sw	30%			2031	$68,300	5	$100	
Raceway								
Conduit	70%			2031	$141,200	1		
Conduit	30%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	45%			2030	$107,800	5	$1,000	
Molded Case Bkrs	50%			2039	* *	5	$1,100	
Wiring								
Braided Cloth	50%	2-4	$145,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2041	* *	1		
Motor Controllers								
Locally Mounted	10%			2029	$11,900	5	$100	
Locally Mounted	25%			2036	* *	5	$100	
Motor Control Center	50%			2036	* *	5	$1,100	
Variable Frequency Drive	15%			2044	* *			
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$25,300	
Generators								
Diesel	100%			2034	* *	1	$31,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 150 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$3,000	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$73,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Service	45%			2036	* *	1		
Emergency, Battery	5%			2036	* *	10	$1,000	
Exit, Service	50%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%			2031	$114,900	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$9,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%	Now	$211,800	2041	* *	1-3	$46,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	30%	0-2	$4,300	2036	* *	1	$22,000	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : No.2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	70%			2036	* *	1	$56,900	
Distribution								
Hot Wtr Piping/Pump	40%			2039	* *	4	$1,600	
Steam Piping/Pump	30%	0-2	$3,900	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Thermostats And Pneumatic Valves, Principal Office, Rooms 401, 402, 403, 411								
Steam Piping/Pump	30%			2041	* *			
Terminal Devices								
Air Handler	30%			2031	$463,600	1	$15,200	
Convector/Radiator	50%			2029	$335,700	1	$13,300	
Fan Coil Unit/Heat	20%			2031	$407,200	1	$5,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%	0-2	$4,800	2031	$242,300	1	$6,900	
R-22 Refrigerant, Extent : Moderate, Area Affected : 40% Location : 2 Mechanical Defective Units, Roof								
Reciprocating Compr/Chiller	20%			2031	$242,300	1	$7,600	
Window/Wall Unit	40%			2026	$124,400	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%	0-2	$4,200	2041	* *	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 20% Location : And Leaking, Various Locations In Basement								
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2031	$254,900	1	$10,200	
Fan Coil - 4 Pipe	20%			2031	$499,700	1	$5,300	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2031	$76,100	2	$22,900	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$18,300	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$27,500	
Exhaust Fans								
Interior	60%			2031	$218,500	2	$1,500	
Roof	40%			2031	$63,700	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$209,700	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,600	
Sewage Ejector(s)								
Electric	100%			2026	$43,000	4	$3,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 70%								
Location : Cellar To 4th Floor								
Explanation : Two Passenger Units								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : Cellar To 1st Floor								
Explanation : One Freight Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$56,800	1-2	$1,200	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 9 - BX MINISCHOOL**		
Address	: **E. 183RD ST. AND RYER AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X009**
Program / Asset #	: **BOE0162.010 / 13449**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **6,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3150** **Lot** : **10**	**BIN**	: **2013561**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$506,700	$77,000
Electrical		$291,100
Mechanical		$97,800
Total	**$506,700**	**$465,900**
Importance Code A	$506,700	$142,000
Importance Code B		$323,900
Total	**$506,700**	**$465,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$28,900
Interior Architecture		$7,300		
Electrical	$100	$200	$300	$9,600
Mechanical	$300	$400	$800	$24,100
Total	**$400**	**$7,900**	**$1,000**	**$62,500**
Importance Code A	$300	$300	$300	$29,200
Importance Code B	$100	$7,600	$700	$33,300
Importance Code C				
Total	**$400**	**$7,900**	**$1,000**	**$62,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX MINISCHOOL

Asset # : 13449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2052	* *	5-10	$105,800	
Windows								
Aluminum	100%			2048	* *	5	$1,300	
Roof								
Single Ply Membrane	100%	Now	$506,700	2042	* *			1
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 60%								
Location : Classrooms, Office And Hallways								
Interior								
Floors								
Vinyl Tile	100%			2037	* *	3	$4,600	
Interior Walls								
Gypsum Board	100%			LIFE	* *	5	$11,600	
Ceilings								
AcousTileSusp.Lay-In	95%			2045	* *	5	$11,600	
Gypsum Board	5%			LIFE	* *	5	$800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2032	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 1000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$65,000	5	$200	
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Molded Case Bkrs	100%			2031	$29,900	5	$200	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 9 - BX MINISCHOOL
Asset # : 13449

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$89,400	10	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2027	$5,000	10	$700	
Exit, Service	50%			2027	$1,300	1		
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$2,300	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$4,600	1-3	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2037	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit For Each Classroom								
Explanation : 10 Electric Units Apart Of The Air Conditioning Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2033	$97,800	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 10 Internal Package Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit In Each Classroom								
Explanation : 10 Units								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX MINISCHOOL

Asset # : 13449

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,300	
Exhaust Fans								
Interior	100%			2037	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2027	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 9 - BX (OL 115)**		
Address	: **230 E. 183RD ST. @ RYER STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X009**
Program / Asset #	: **BOE0162.000 / 530**	**Yr Built/Renovated**	: **1938 / 2007**
Area Sq Ft	: **154,321**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3150** **Lot** : **10**	**BIN**	: **2013561**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$167,800	$169,700
Interior Architecture	$405,200	$10,836,800
Electrical	$680,900	$662,000
Mechanical	$521,200	$2,073,700
Site Pavements	$74,800	
Total	**$1,849,900**	**$13,742,200**
Importance Code A	$167,800	$169,700
Importance Code B	$1,682,100	$13,572,500
Total	**$1,849,900**	**$13,742,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,400	$9,200		
Interior Architecture	$6,000	$13,800	$7,500	
Electrical	$3,700	$6,000	$5,300	$56,400
Mechanical	$13,200	$7,600	$20,700	$48,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$75,200**	**$40,400**	**$37,500**	**$108,900**
Importance Code A	$48,400	$9,200		$300
Importance Code B	$26,900	$26,500	$37,500	$108,500
Importance Code C		$4,800		
Total	**$75,200**	**$40,400**	**$37,500**	**$108,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$169,700	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : All Facades								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Explanation : Netting								
Masonry: Granite	5%			LIFE	* *	5	$7,200	
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Metal, Corrugated	2%			2052	* *	1		
Windows								
Aluminum	100%			2048	* *	5	$57,300	
Parapets								
Masonry: Brick	65%	4+	$167,800	LIFE	* *	5	$13,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Belt Course								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Parapet Walls								
Masonry: Limestone	25%			LIFE	* *	5	$6,400	
Metal: Cage/Fence	10%			2045	* *	5-10	$15,800	
Roof								
Built-Up (BUR)	98%	Now	$48,400	2037	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Roof								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Gymnasium Roof								
Explanation : Open Seams								
Copper/Terne	2%			2060	* *	10	$4,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,300	
Ceramic Tile	3%			2035	* *	5	$7,200	
Ceramic Tile	2%			2045	* *	5	$4,800	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Toilet Room								
Marble Panels	2%			LIFE	* *	5	$3,600	
Terrazzo	2%			LIFE	* *	5	$3,700	
Vinyl Tile	10%			2037	* *	3	$9,000	
Vinyl Tile 9" X 9"	25%			2032	$10,557,200	3	$22,400	
Wood	46%			2047	* *	5	$206,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$5,700	
Ceramic Tile	2%			2045	* *	5	$3,800	
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : Toilet Room								
Masonry: Brick	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$34,400	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2049	* *	5	$12,000	
Exposed Struc: Concrete	12%			LIFE	* *	5	$4,500	
Plaster	83%	Now	$302,000	LIFE	* *	5	$124,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2058	* *			
Iron Picket	90%			2076	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$74,800	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Tree Pits On Valentine Avenue								
Sinking/Subsiding, Extent : Severe, Area Affected : 5%								
Location : 183rd Street And Ryer Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2042	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$700	
Raceway								
Conduit	90%			2032	$259,900	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$400	
Molded Case Bkrs	70%			2031	$209,600	5	$2,800	
Molded Case Bkrs	20%			2040	* *	5	$800	
Wiring								
Braided Cloth	60%	2-4	$239,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2032	$119,900	1		
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	60%			2045	* *	5	$600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	40%			2030	$72,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$127,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	6%			2037	* *	10	$8,500	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Offices								
Fluorescent	2%			2037	* *	10	$2,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : 1st To 4th Floor Lobby								
LED	2%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2027	$129,500	10	$18,600	
Exit, Service	50%			2027	$33,300	1		
Exterior Lighting								
HID	20%			2027	$144,000	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2035	* *	5	$900	
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$29,000	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Offices								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	10%			2037	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$28,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Stations, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2052	* *	5	$47,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 6000 Gallon Temporary Tank Outside.								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Temporary Boiler In Use								
Distribution								
Central Plant Steam Piping/Pmp	100%			2052	* *	4	$11,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%			2032	$1,452,000	1	$47,700	
Convector/Radiator	40%			2030	$504,800	1	$19,900	
Fan Coil Unit/Heat	10%			2027	$382,600	1	$5,000	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	Now	$70,200	2032	$116,900	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Throughout								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,100	
Exhaust Fans								
Interior	100%	Now	$68,400	2037	* *	2	$3,800	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Play Yard Exhaust Fan And Auditorium Exhaust								
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : House Exhaust Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2042	* *	1		
Galvanized Steel	25%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,500	2037	* *	4	$3,300	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Sump Pump Pit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2052	* *	1-2	$4,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 9 - SI (P. S. 48) NAPLES ELEMENTARY SCHOOL**
Address : **1055 TARGEE STREET @ VENICE AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0933.000 / 1439**
Area Sq Ft : **33,000**
Date of Survey : **18-Jun-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3171** **Lot** : **1**
Agency's Number : **R048**
Yr Built/Renovated : **1931 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5046430**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$420,100	
Interior Architecture	$112,800	$2,383,100
Electrical	$35,900	$398,700
Mechanical	$285,500	$759,500
Site Pavements		$66,900
Total	**$854,300**	**$3,608,200**
Importance Code A	$420,100	$287,600
Importance Code B	$434,200	$3,320,600
Total	**$854,300**	**$3,608,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$29,100		$17,000	
Interior Architecture	$147,800	$2,300	$14,900	$1,700
Electrical	$1,700	$2,000	$63,900	$1,600
Mechanical	$4,500	$5,000	$12,200	$5,100
Site Enclosure	$3,100			
Site Pavements	$16,400			
Total	**$202,700**	**$9,400**	**$108,000**	**$8,400**
Importance Code A	$32,300	$3,300	$20,400	$3,300
Importance Code B	$78,000	$6,100	$87,700	$5,100
Importance Code C	$92,300			
Total	**$202,700**	**$9,400**	**$108,000**	**$8,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI (P. S. 48) NAPLES ELEMENTARY SCHOOL

Asset # : 1439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%	Now	$55,400	LIFE	* *	5	$13,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Front Elevation								
Explanation : Sidewalk Shed Installed								
Masonry: Brick	65%			LIFE	* *	5	$35,000	
Masonry: Limestone	10%	Now	$84,700	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$29,100	2039	* *	5	$6,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Parapets Covered With Netting								
Masonry: Brick	90%			LIFE	* *	5	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Parapets Covered With Netting								
Roof								
Built-Up (BUR)	95%	0-2	$280,100	2041	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Copper/Terne	3%			2046	* *	10	$1,900	
Single Ply Membrane	2%			2026	$10,400	10	$500	
Soffits								
Cast in Place Concrete	50%			LIFE	* *	5	$11,400	
Metal Panel	50%			2041	* *	5-10	$15,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI (P. S. 48) NAPLES ELEMENTARY SCHOOL

Asset # : 1439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$7,500	2034	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$2,100	
Vinyl Tile	35%			2031	$512,400	3	$7,000	
Vinyl Tile	5%			2036	* *	3	$1,300	
Vinyl Tile 9" X 9"	20%	0-2	$37,400	2031	$1,870,700	3	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	30%			2046	* *	5	$29,800	
Interior Walls								
Cast in Place Concrete	5%	Now	$9,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	10%	Now	$13,300	2034	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$18,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Marble Panels	5%	0-2	$8,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : First Floor Corridor								
Plaster	65%	Now	$38,400	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%	Now	$4,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI (P. S. 48) NAPLES ELEMENTARY SCHOOL

Asset # : 1439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$8,500	2036	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%	2-4	$1,800	LIFE	* *	5	$3,300	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Plaster	70%	Now	$112,800	LIFE	* *	5	$23,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor South Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2041	* *			
Iron Picket	90%			2051	* *			
Free Standing Walls								
Masonry: Brick	100%			2041	* *			
Retaining Walls								
Cast in Place Concrete	90%	0-2	$3,100	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Fieldstone	10%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$16,400	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Cast in Place Concrete	70%			2036	* *			
Rubber Matting	30%			2031	$66,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$22,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$130,000	5	$100	
Raceway								
Conduit	95%			2031	$58,200	1		
Conduit	5%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI (P. S. 48) NAPLES ELEMENTARY SCHOOL

Asset # : 1439

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$10,000	5	$100	
Fused Toggle Switch	1%			2030	$1,000	5		
Molded Case Bkrs	85%			2030	$84,800	5	$700	
Molded Case Bkrs	4%			2047	* *	5		
Wiring								
Braided Cloth	70%			2030	$54,000	1		
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$29,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2026	$4,900	10	$300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Rooms 113 And 114								
Incandescent	1%			2026	$9,100	2		
Egress Lighting								
Emergency, Service	5%			2036	* *	1		
Emergency, Battery	45%			2036	* *	10	$3,600	
Exit, Service	10%			2026	$1,400	1		
Exit, Battery	40%			2036	* *	10	$900	
Exterior Lighting								
LED	100%			2039	* *			
Alarm								
Security System								
Generic	50%			2026	$31,000	1	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2039	* *	1	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$17,000	1-3	$4,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI (P. S. 48) NAPLES ELEMENTARY SCHOOL

Asset # : 1439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Oil Tanks Of 7,500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2029	$287,600	1	$32,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boiler Units								
Distribution								
Central Plant Steam Piping/Pmp	66%	Now	$61,200	2061	* *	4	$1,100	
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Various Locations Throughout								
Central Plant Steam Piping/Pmp	34%			2061	* *	4	$800	
Terminal Devices								
Air Handler	20%			2026	$124,200	1	$4,100	
Convector/Radiator	60%			2029	$161,900	1	$6,400	
Fan Coil Unit/Heat	20%			2031	$163,600	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2026	$100,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,400	
Exhaust Fans								
Interior	100%			2031	$146,400	2	$1,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 75 Gallon Water Heater Installed In 2018								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$6,600	4	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI (P. S. 48) NAPLES ELEMENTARY SCHOOL

Asset # : 1439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Student Toilet Rooms								
Explanation : Upgraded Toilet Room Fixtures In 2018								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 90 - BK**		
Address	: **2840 WEST 12 STREET BTWN: SURF AVE., NEPTUNE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K090**
Program / Asset #	: **BOE0403.000 / 1397**	**Yr Built/Renovated**	: **1965 / 2015**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7266** **Lot** : **40**	**BIN**	: **3196558**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$481,200	$280,500
Interior Architecture	$562,100	$11,329,400
Electrical		$639,400
Mechanical	$518,100	$1,649,200
Total	**$1,561,400**	**$13,898,600**
Importance Code A	$481,200	$280,500
Importance Code B	$1,080,200	$13,618,100
Total	**$1,561,400**	**$13,898,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,600	$9,300		
Interior Architecture	$48,900	$17,400		$10,800
Electrical	$12,200	$8,800	$8,300	$7,600
Mechanical	$13,700	$53,400	$16,300	$10,400
Site Enclosure	$1,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$107,800**	**$92,900**	**$28,600**	**$32,700**
Importance Code A	$35,000	$16,800	$7,300	$7,300
Importance Code B	$63,300	$76,100	$21,200	$25,400
Importance Code C	$9,500			
Total	**$107,800**	**$92,900**	**$28,600**	**$32,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$65,300	
Masonry: Limestone	5%			LIFE	* *	5	$2,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,800	
Windows								
Aluminum	100%	Now	$407,100	2046	* *	5	$10,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Various Areas Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Copper/Terne	2%			2050	* *	5	$2,000	
Masonry: Brick Cavity	88%			LIFE	* *	5	$18,300	
Masonry: Limestone	10%			LIFE	* *	5	$2,600	
Roof								
Built-Up (BUR)	67%			2035	* *	10	$74,100	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	3%			2045	* *	10	$8,300	
Roll Roofing	30%			2029	$215,300	5	$55,300	
Soffits								
Cast in Place Concrete	50%			LIFE	* *	5	$1,900	
Stucco Cement	50%			2043	* *	5	$900	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$19,000	LIFE	* *	5	$24,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Storage Areas And Locker Room								
Ceramic Tile	3%	Now	$9,500	2043	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%			LIFE	* *	5	$4,400	
Vinyl Tile	20%	Now	$12,300	2035	* *	3	$8,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classroom								
Vinyl Tile 9" X 9"	57%	0-2	$562,100	2030	$11,242,500	3	$23,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms 303, 305 And Various Others								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%			2058	* *	5	$10,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$8,100	2039	* *	5	$3,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$14,700	
Plaster	50%			LIFE	* *	5	$36,700	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	32%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$27,900	
AcousTileConcealSpLn	5%			2035	* *	5	$7,000	
Exposed Struc: Concrete	50%			LIFE	* *	5	$8,700	
Fiber Board	5%			2030	$86,900			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$7,000	
Plaster	10%			LIFE	* *	5	$7,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	0-2	$1,400	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Masonry: Fieldstone	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Rubber Matting	100%			2030				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	20%			2050	* *	5	$400	
Molded Case Bkrs	80%			2040	* *	5	$1,600	
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	80%			2029	$143,700	5	$1,600	
Molded Case Bkrs	5%			2046	* *	5	$100	
Wiring								
Thermoplastic	90%			2030	$179,600	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Sprinkler Room								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$22,800	
Generators								
Natural Gas	100%			2039	* *	1	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 150 Kilowatts								
Batteries								
Lead/Acid	50%			2024	$1,200	5	$1,400	
Lead/Acid	50%			2024	$1,200	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 75 Kilowatt Load Bank								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$66,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$8,900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	25%			2038	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Operated Via Photocell								
No Component	75%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2038	* *	1-3	$18,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Some Classrooms								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$73,300	
Distribution								
Steam Piping/Pump	100%			2050	* *			
Terminal Devices								
Air Handler	20%			2025	$278,500	1	$9,200	
Convector/Radiator	70%			2028	$423,600	1	$16,700	
Fan Coil Unit/Heat	10%			2025	$183,500	1	$2,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2024	$56,100	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Exhaust Fans								
Interior	70%			2030	$229,700	2	$1,600	
Roof	30%			2025	$43,100	2	$700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$944,700	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,300	4	$2,300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$51,200	1-2	$1,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 90 - Q**		
Address	: **86-50 109 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q090**
Program / Asset #	: **BOE0741.000 / 1609**	**Yr Built/Renovated**	: **1909 / 2012**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Floors 1,2,3,4**		
Block	: **9204** **Lot** : **28**	**BIN**	: **4192167**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,035,500	$550,000
Interior Architecture	$124,800	$2,705,200
Electrical	$121,800	$271,200
Mechanical	$227,700	$1,140,700
Total	**$1,509,800**	**$4,667,100**
Importance Code A	$1,035,500	$550,000
Importance Code B	$404,400	$4,117,100
Importance Code C	$69,900	
Total	**$1,509,800**	**$4,667,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,100	$1,300		
Interior Architecture	$192,000		$12,000	$700
Electrical	$900	$2,500	$2,300	$48,200
Mechanical	$112,400	$11,000	$17,700	$28,100
Site Enclosure	$15,600			
Site Pavements	$37,000			
Total	**$394,900**	**$14,900**	**$32,000**	**$77,000**
Importance Code A	$45,000	$9,300	$7,900	$8,100
Importance Code B	$234,600	$5,600	$24,100	$68,900
Importance Code C	$115,400			
Total	**$394,900**	**$14,900**	**$32,000**	**$77,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	1%			LIFE	* *	5	$23,700	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$185,100	
Copper/Terne	2%			2052	* *	10	$22,200	
Masonry: Brick	22%	Now	$858,400	LIFE	* *	5	$104,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Sub-basement Along Jamaica Avenue								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Sub-basement Along Jamaica Avenue								
Masonry: Brick	55%			LIFE	* *	5	$260,600	
Masonry: Granite	5%			LIFE	* *	5	$17,800	
Masonry: Limestone	10%			LIFE	* *	5	$35,500	
Windows								
Aluminum	98%	Now	$177,100	2048	* *	5	$9,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Metal Louvers	2%			2041	* *	10	$2,400	
Parapets								
Masonry: Brick	92%			LIFE	* *	5	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible, Components As Per Previous Report And Observation As Per Custodian Account.								
Metal Rail	3%			2045	* *	5-10	$2,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	95%	Now	$37,100	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into 4th Floor Bathroom								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible, Components As Per Previous Report And Observation As Per Custodian Account.								
Copper/Terne	5%			2060	* *	10	$8,400	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$500	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$9,600	LIFE	* *	5	$12,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Sub-basement								
Mosaic Tile	5%	Now	$26,500	2037	* *	5	$7,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floor Bathrooms								
Vinyl Tile	85%			2032	$2,648,800	3	$36,000	
Vinyl Tile 9" X 9"	5%	Now	$49,800	2042	* *	3	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Room 312								
Interior Walls								
Ceramic Tile	15%	Now	$39,500	2035	* *	5	$7,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Bathrooms, Stairs, And Cafeteria								
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Bathrooms, Stairs, And Cafeteria								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms And Stairs								
Glass: Single Pane	3%			LIFE	* *	5	$2,200	
Masonry: Brick	10%	Now	$36,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	60%	Now	$69,900	LIFE	* *	5	$17,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Room 203, Auditorium, Stairway 3 And 4								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Second And Third Floor								
SGFT/Glazed Masonry	10%	4+	$17,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Cafeteria								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$3,600	2037	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Cafeteria								
Metal Panel	5%	Now	$9,300	LIFE	* *	5	$7,100	
Bent/Warped Elements, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Metal Panel	10%			LIFE	* *	5	$14,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Barrel Vaulted Metal Panel								
Plaster	80%	Now	$54,900	LIFE	* *	5	$56,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Bathroom								
Site Enclosure								
Fence/Gates								
Chain Link	30%	0-2	$13,600	2042	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Rear Activity Yard								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Activity Yard								
Explanation : Chain Link Ontop Of Freestanding Concrete Wall								
Iron Picket	70%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%	Now	$2,000	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Activity Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$6,600	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Loading Dock								
Activity Yard								
Asphalt	75%	Now	$30,400	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Activity Yard								
Cast in Place Concrete	15%			2045	* *			
Rubber Matting	10%			2037	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 90 - Q
Asset # : 1609

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 2000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Three Vertical Sections								
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$9,000	5	$100	
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,900	
Wiring								
Braided Cloth	30%	2-4	$59,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	70%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%			2045	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$71,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	30%			2037	* *	10	$100	
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$45,100	1	$9,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Intrusion Alarm Only. Motion Sensors And Alarm Bells								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	Now	$61,900	2042	* *	1-3	$13,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System, On Extended Life. Not In Service								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$79,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	40%			2052	* *			
Steam Piping/Pump	60%	Now	$38,400	2032	$384,400			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Sub-basement								
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Various Locations								
Terminal Devices								
Convector/Radiator	100%	0-2	$13,100	2030	$654,200	1	$23,300	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	40%			2027	$121,200	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%	0-2	$49,200	LIFE	* *	2-5	$31,200	
Needs Cleaning, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Not Been Used For Many Years. Throughout								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$13,400	
Exhaust Fans								
Interior	30%	0-2	$106,400	2042	* *	2	$600	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Not Been Used For Many Years. Sub-basement.								
Interior	70%			2042	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2042	* *	1		
Galvanized Steel	10%	0-2	$2,000	2030	$102,100	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Booster Pump, Basement								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Is Beyond Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Piping Is Beyond Useful Life Cycle Limit								
Sump Pump(s)								
Non-Submersible	100%			2032	$16,000	4	$2,500	
Backflow Preventer								
Generic	100%			2032	$35,700	1	$4,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2032	$22,100	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 91 - BK MINISCHOOL**				
Address	: **532 ALBANY AVENUE BTWN: EAST NEW YORK AVE., MAPLE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K891**
Program / Asset #	: **BOE0404.010 / 1399**			**Yr Built/Renovated**	: **1971 / 2003**
Area Sq Ft	: **10,620**			**Project Type**	: **EDUCATION**
Date of Survey	: **27-Mar-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **4794**	**Lot**	: **26**	**BIN**	: **3106599**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$204,500
Electrical		$161,000
Mechanical	$170,800	$138,700
Total	**$170,800**	**$504,300**
Importance Code A		$204,500
Importance Code B	$170,800	$299,800
Total	**$170,800**	**$504,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,300	$37,700		
Interior Architecture	$27,300			$1,900
Electrical	$400	$14,200	$400	$400
Mechanical	$57,800	$45,800	$5,000	$600
Site Enclosure	$7,500			
Site Pavements	$3,500			
Total	**$121,900**	**$97,700**	**$5,400**	**$2,900**
Importance Code A	$58,900	$38,300	$500	$500
Importance Code B	$51,900	$59,500	$4,900	$2,400
Importance Code C	$11,000			
Total	**$121,900**	**$97,700**	**$5,400**	**$2,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK MINISCHOOL
Asset # : 1399

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2050	* *	5-10	$114,400	
Windows								
Aluminum	100%			2029	$121,300	5	$2,500	
Roof								
Metal Panel	100%	Now	$24,100	2043	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 5%								
Location : West Side								
Soffits								
Metal Panel	100%			2050	* *	5-10	$23,800	
Interior								
Floors								
Ceramic Tile	5%	0-2	$900	2033	$45,600	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Toilets Throughout								
Vinyl Tile	95%	0-2	$21,200	2035	* *	3	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	$2,000	
Metal Panel	65%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	0-2	$5,200	2035	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%	0-2	$7,500	2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$3,500	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Main Entry Stair								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK MINISCHOOL
Asset # : 1399

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch Fed From P S 91								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	30%			2038	* *	5	$100	
Molded Case Bkrs	70%			2038	* *	5	$200	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	$161,000	10	$9,900	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2030	$3,300	1		
Exit, Service	50%			2030	$2,300	1		
Exterior Lighting								
HID	100%			2030	$49,600	10		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Exterior Wall At Entrance								
Explanation : HID Wall Pack Fixtures								
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$800	
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2025	$13,700	1-3	$3,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK MINISCHOOL
Asset # : 1399

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%	0-2	$33,600	2040	* *	1	$4,800	
Not Energy Efficient, Extent : Severe, Area Affected : 100%								
Location : Mechanical Equipment Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 2 Obsolete Units								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%	0-2	$170,800	2035	* *	2	$500	
Noisy/Vibrating, Extent : Severe, Area Affected : 100%								
Location : Mechanical Equipment Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 2 Obsolete Units With Large Holes In Condenser Air Intake Ductwork								
Distribution								
Ductwork/Diffusers	100%	Now	$23,700	LIFE	* *	2	$14,100	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Ductwork Holes In Mechanical Room And Near Furnace								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	
Exhaust Fans								
Interior	90%			2025	$43,100	2	$300	
Roof	10%			2025	$2,100	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$138,700	1		
Water Heater With Tanks								
Electric	100%	0-2	$500	2030	$23,600	4		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Hot Water Heater Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Hot Water Heater Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 91 - BK THE ALBANY AVE SCHOOL**			
Address	:	**532 ALBANY AVENUE BTWN: EAST NEW YORK AVE., MAPLE**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K091**
Program / Asset #	:	**BOE0404.000 / 1398**	**Yr Built/Renovated**	:	**1904 / 2001**
Area Sq Ft	:	**73,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**27-Mar-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,3,4,Ph**			
Block	:	**4794** **Lot** : **26**	**BIN**	:	**3106599**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,816,200	$196,400
Interior Architecture	$959,400	$2,950,300
Electrical	$364,400	$1,212,500
Mechanical	$345,700	$989,200
Site Enclosure	$66,800	
Site Pavements	$69,500	$1,920,400
Total	**$3,622,000**	**$7,268,700**
Importance Code A	$1,816,200	$196,400
Importance Code B	$1,375,900	$6,952,600
Importance Code C	$429,900	$119,700
Total	**$3,622,000**	**$7,268,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,700		$3,000	
Interior Architecture	$97,800			$12,300
Electrical	$20,000	$92,000	$2,200	$2,200
Mechanical	$91,300	$68,700	$18,600	$10,200
Site Enclosure	$95,200			
Site Pavements	$2,400			
Total	**$343,400**	**$160,700**	**$23,900**	**$24,600**
Importance Code A	$44,000	$7,400	$10,200	$7,200
Importance Code B	$153,300	$153,300	$13,600	$17,400
Importance Code C	$146,200			
Total	**$343,400**	**$160,700**	**$23,900**	**$24,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$314,900	LIFE	* *	5	$61,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%	0-2	$1,108,200	LIFE	* *	5	$134,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	3%	0-2	$74,800	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	4%	0-2	$249,400	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	3%	0-2	$68,900	LIFE	* *	5	$15,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$6,000	
Parapets								
Masonry: Brick	30%			LIFE	* *	5	$100	
Masonry: Brick	60%			LIFE	* *	5	$200	
Metal Rail	10%			2043	* *	5-10	$700	
Roof								
Built-Up (BUR)	100%	Now	$36,700	2035	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Stair F Throughout								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$2,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$34,600	2033	$346,000	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Staff Toilets								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Kitchen And Staff Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Staff Toilets								
Marble Panels	5%			LIFE	* *	5	$4,600	
Vinyl Tile	75%	0-2	$127,100	2030	$2,542,900	3	$34,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	5%	Now	$54,200	2040	* *	3	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Stairs Throughout								
Wood	10%	4+	$14,600	2045	* *	5	$11,500	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Main Office								
Interior Walls								
Ceramic Tile	10%	Now	$48,600	2039	* *	5	$8,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : At Stairs No. 7 And No. 8								
Masonry: Brick	20%	Now	$134,500	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Boiler Room								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Boiler Room								
Marble Panels	5%	0-2	$155,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Auditorium And Corridors								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Auditorium And Corridors								
Plaster	65%	0-2	$139,600	LIFE	* *	5	$34,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair F Bulkhead								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%	Now	$137,900	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%	Now	$61,000	LIFE	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	80%	Now	$149,300	LIFE	* *	5	$61,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	70%	2-4	$49,200	2040	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	30%	Now	$46,000	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	4+	$66,800	2050	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Play Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2043	* *			
Masonry: Granite	40%			LIFE	* *			
Pavers/Stone	10%	0-2	$2,400	2033	$119,700			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Main Entrance								
Activity Yard								
Asphalt	80%	0-2	$69,500	2033	$1,390,000			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Rubber Matting	20%			2030	$410,700			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Enclosure Corroded, Extent : Moderate, Area Affected : 50%								
Location : Electric Service Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch, One 200 Ampere Emergency Lighting Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Raceway								
Conduit	80%			2030	$115,700	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Toggle Switch	5%	2-4	$9,000	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	15%	0-2	$8,100	2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridor								
Explanation : Panel 1n Is Overloaded								
Molded Case Bkrs	75%			2029	$134,700	5	$1,400	
Wiring								
Braided Cloth	80%	2-4	$159,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$200	
Locally Mounted	50%			2028	$59,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	25%			2035	* *	10	$16,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Hallways								
Explanation : Using T-8 Lamps								
Fluorescent	65%			2030	$707,300	10	$43,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	1%			2025	$20,200	2		
LED	9%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Battery	50%			2025	$61,300	10	$8,800	
Exit, Service	50%			2025	$15,700	1		
Exterior Lighting								
HID	100%	Now	$68,100	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 65%								
Location : Parapet And Exterior Walls								
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 2%								
Location : Exit Door 5								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Air Terminals And Downleads Installed At Chimney								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$27,400	1	$5,500	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$75,300	1-3	$18,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$72,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$29,200	2040	* *			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump								
Controller Not Working, Extent : Severe, Area Affected : 30%								
Location : Pneumatic Controls Not Working In Basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Multiple Leaks In Basement								
Terminal Devices								
Air Handler	20%	Now	$27,500	2030	$274,700	1	$8,100	
Abandoned in Place, Extent : Severe, Area Affected : 5%								
Location : 1 Unit For Cafeteria								
Convector/Radiator	80%			2028	$477,600	1	$18,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2035	* *	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 1 Unit On Auditorium Roof								
Split Unit	5%			2025	$86,700			
Window/Wall Unit	15%	Now	$8,300	2025	$41,500	1		
Broken, Extent : Severe, Area Affected : 50%								
Location : Classrooms								
No Component	70%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$9,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,700	
Exhaust Fans								
Interior	80%	Now	$259,000	2040	* *	2	$1,400	
Obsolete Equipment, Extent : Severe, Area Affected : 60%								
Location : Basement								
Roof	20%	Now	$14,200	2030	$28,300	2	$400	
Broken, Extent : Severe, Area Affected : 50%								
Location : House Exhaust Located At Roof Penthouse								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$186,400	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$2,900	2030	$14,600	4	$1,500	
Broken, Extent : Severe, Area Affected : 25%								
Location : 1 Unit Is Out For Repair, There Is A Temp Submersible Unit In Its Place								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$50,500	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 91 - Q**		
Address	: **68-10 CENTRAL AVENUE BTWN: 68 ST., 68 PL.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q091**
Program / Asset #	: **BOE0742.000 / 1611**	**Yr Built/Renovated**	: **1915 / 2001**
Area Sq Ft	: **104,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Apr-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3683** **Lot** : **1**	**BIN**	: **4089566**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$66,900	$161,500
Interior Architecture	$86,500	$9,231,700
Electrical	$341,800	$388,000
Mechanical	$676,900	$1,533,700
Total	**$1,172,100**	**$11,314,900**
Importance Code A	$66,900	$161,500
Importance Code B	$1,105,300	$10,522,600
Importance Code C		$630,700
Total	**$1,172,100**	**$11,314,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,400	$24,400		$3,500
Interior Architecture	$46,500	$7,600	$6,000	$35,900
Electrical	$30,900	$11,700	$10,100	$10,500
Mechanical	$118,800	$33,900	$35,400	$39,800
Site Pavements	$18,100			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$230,500**	**$87,400**	**$61,500**	**$99,600**
Importance Code A	$16,900	$34,700	$10,300	$13,800
Importance Code B	$213,600	$52,700	$51,200	$80,100
Importance Code C				$5,700
Total	**$230,500**	**$87,400**	**$61,500**	**$99,600**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Masonry: Brick	60%			LIFE	* *	5	$97,800	
Masonry: Brick Cavity	28%			LIFE	* *	5	$45,600	
Masonry: Limestone	5%			LIFE	* *	5	$6,100	
Pre-Cast Concrete	2%			LIFE	* *	5	$10,600	
Windows								
Aluminum	98%			2045	* *	5	$48,900	
Metal Louvers	2%			2038	* *	10	$6,200	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,500	
Masonry: Brick	53%			LIFE	* *	5	$11,700	
Masonry: Brick Cavity	27%			LIFE	* *	5	$6,000	
Metal Panel	10%			2049	* *	5	$8,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,900	
Roof								
Built-Up (BUR)	95%			2034	* *	10	$66,900	
Copper/Terne	2%			2057	* *	10	$3,500	
Modified Bitumen	3%			2034	* *	10	$2,100	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Soffit								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,100	
Ceramic Tile	5%			2038	* *	5	$10,100	
Marble Panels	3%			LIFE	* *	5	$4,500	
Quarry Tile	2%			2034	* *	5	$6,000	
Traffic Topping	3%	Now	$86,500	2039	* *	5	$3,800	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	30%			2034	* *	3	$22,700	
Vinyl Tile 9" X 9"	24%			2029	$8,535,600	3	$18,100	
Wood	23%			2044	* *	5	$86,900	
Interior Walls								
Ceramic Tile	5%			2032	$630,700	5	$11,500	
Ceramic Tile	12%			2038	* *	5	$27,500	
Concrete Masonry Unit	15%			LIFE	* *	5	$13,800	
Gypsum Board	10%			LIFE	* *	5	$13,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$27,500	
SGFT/Glazed Masonry	5%			LIFE	* *			

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2042	* *	5	$60,400	
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,700	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$6,300	
Plaster	47%			LIFE	* *	5	$59,100	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2049	* *			
Iron Picket	60%			2064	* *			
Retaining Walls								
Cast in Place Concrete	100%			2064	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$18,100	2042	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 69th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2042	* *			
Activity Yard								
Asphalt	95%			2038	* *			
Rubber Matting	5%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 5,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	70%			2029	$170,600	1		
Conduit	30%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2045	* *	5	$200	
Molded Case Bkrs	30%			2028	$71,800	5	$800	
Molded Case Bkrs	60%			2045	* *	5	$1,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$239,300	2054	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing Of The Building								
Thermoplastic	30%			2049	* *	1		
Motor Controllers								
Locally Mounted	95%			2042	* *	5	$700	
Locally Mounted	5%			2027	$9,100	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$32,000	
Generators								
Diesel	100%			2038	* *	1	$40,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$23,200	
Fuel Storage								
Day Tank	20%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Rated Capacity								
Main Tank	80%			2057	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$93,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Service	25%			2034	* *	1		
Emergency, Battery	25%			2034	* *	10	$6,300	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	30%			2029	$145,600	10	$100	
No Component	70%							
Alarm								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Cafeteria								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *	1-3	$19,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium, Toilets And Basement								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2039	* *	5	$32,200	
Conversion Equipment								
Steam Boiler	100%			2034	* *	1	$103,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2029	$832,800			
Terminal Devices								
Air Handler	30%			2034	* *	1	$19,300	
Convector/Radiator	70%	0-2	$11,900	2027	$595,300	1	$21,200	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Various Locations In Old Wing								
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2029	$460,300	1	$14,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : New Wing 5th Floor Penthouse								
Other Observation, Extent : Light, Area Affected : 50%								
Location : New Wing 5th Floor Penthouse								
Explanation : 2 Units								
Window/Wall Unit	5%			2024	$19,700	1		
No Component	65%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2039	* *	4	$1,500	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2034	* *	1	$19,300	
Other Observation, Extent : Light, Area Affected : 100% Location : New Wing 5th Floor Penthouse Explanation : 2 Units								
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2029	$31,600	2	$21,700	
Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : 2 Units								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$40,600	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$17,400	
Exhaust Fans								
Interior	30%			2034	* *	2	$1,000	
Roof	70%			2029	$141,300	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$34,200	2		
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	70%			2029	$14,600	4	$2,300	
Submersible	30%			2024	$1,000	4	$1,000	
Backflow Preventer								
Generic	100%			2034	* *	1	$6,400	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2049	* *	1-5	$15,700	
Sprinkler								
No Component	70%							
Generic	30%			2039	* *	1-2	$8,700	
Fire Pump								
Generic	100%			2032	$99,300	1	$19,400	
Chemical System								
Generic	100%			2024	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 92 - BK**		
Address	: **601 PARKSIDE AVENUE BTWN: ROGERS AVE., BEDFORD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K092**
Program / Asset #	: **BOE0405.000 / 1386**	**Yr Built/Renovated**	: **1906 / 2010**
Area Sq Ft	: **112,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4**		
Block	: **5049** **Lot** : **55**	**BIN**	: **3115866**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,791,000	$1,094,800
Interior Architecture	$486,900	$3,573,400
Electrical	$75,200	$2,880,900
Mechanical	$1,367,800	$2,550,600
Total	**$3,720,800**	**$10,099,700**
Importance Code A	$1,791,000	$1,146,200
Importance Code B	$1,811,000	$8,953,500
Importance Code C	$118,800	
Total	**$3,720,800**	**$10,099,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$51,900	$1,600		
Interior Architecture	$171,900	$22,200		$15,600
Electrical	$43,600	$79,000	$12,500	$10,500
Mechanical	$42,400	$33,500	$25,900	$16,400
Site Enclosure	$3,900			
Site Pavements	$19,900			
Total	**$333,800**	**$136,300**	**$38,500**	**$42,400**
Importance Code A	$63,000	$13,000	$11,100	$11,100
Importance Code B	$225,300	$123,400	$27,400	$31,300
Importance Code C	$45,400			
Total	**$333,800**	**$136,300**	**$38,500**	**$42,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$297,800	LIFE	* *	5	$58,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North And South Side								
Loose Units, Extent : Moderate, Area Affected : 15%								
Location : North And South Side								
Masonry: Brick	90%	Now	$1,109,700	LIFE	* *	5	$134,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : North And South Side								
Loose Units, Extent : Moderate, Area Affected : 50%								
Location : North And South Side								
Sidewalk Shed in Use, Extent : Light, Area Affected : 75%								
Location : North And South Sides								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : North And South Side								
Masonry: Limestone	5%	Now	$117,900	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North And South Side								
Windows								
Aluminum	90%	Now	$125,300	2038	* *	5	$13,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	5%	Now	$7,900	LIFE	* *	5	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Staircase B								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Staircases A And B								
Metal Louvers	5%			2033	$81,000	10	$9,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$15,500	LIFE	* *	5	$5,300	
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2050	* *	5	$3,300	
Masonry: Brick	83%	Now	$28,600	LIFE	* *	5	$11,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sidewalk Shed Below, Extent : Light, Area Affected : 75%								
Location : North And South Side								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Southeast Corner								
Pre-Cast Concrete	2%			LIFE	* *	5	$1,700	
Roof								
Built-Up (BUR)	85%	Now	$82,100	2030	$820,500			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Rooftop Above Auditorium And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Fan Room, Bulkhead Stair 6								
Copper/Terne	5%			2058	* *	10	$10,300	
Metal Panel	5%			2043	* *	10	$7,600	
Skylight, Metal/Glass	5%	Now	$58,100	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over 4th Floor Corridor								
Interior								

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,500	
Ceramic Tile	5%	Now	$25,100	2039	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Toilets Throughout								
Quarry Tile	5%	Now	$32,700	2043	* *	5	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Toilets Throughout								
Terrazzo	5%	0-2	$16,600	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%	Now	$49,100	2030	$2,456,900	3	$33,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Corridors								
Vinyl Tile 9" X 9"	20%	Now	$313,900	2040	* *	3	$13,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Corridor And Classrooms Throughout								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Corridor And Classrooms Throughout								
Wood	10%			2033	$1,060,900	5	$33,400	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,300	
Masonry: Brick	5%	Now	$31,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%			LIFE	* *			
Plaster	60%	Now	$118,800	LIFE	* *	5	$29,300	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Classrooms - Parkside Avenue Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Classrooms - Parkside Avenue Facade								
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	0-2	$11,400	2035	* *	5	$8,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor								
AcousTileConcealSpLn	20%			2035	* *	5	$44,500	
AcousTileSusp.Lay-In	10%	Now	$5,900	2035	* *	5	$8,900	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,800	
Plaster	50%	Now	$54,100	LIFE	* *	5	$55,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2050	* *			
Iron Picket	35%	2-4	$3,900	2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Concrete Masonry Unit	100%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$9,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Below Sidewalk Shed								
On-Site Walkways								
Cast in Place Concrete	90%	2-4	$10,500	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	10%			2033	$44,800			
Rubber Matting	90%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$36,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2030	$15,400	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$500	
Raceway								
Conduit	100%			2030	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$300	
Fused Knife Sw	4%			2029	$9,600	5	$100	
Fused Toggle Switch	1%			2029	$2,400	5		
Molded Case Bkrs	85%			2029	$203,600	5	$2,500	
Wiring								
Braided Cloth	10%			2029	$34,200	1		
Thermoplastic	90%			2030	$307,700	1		
Motor Controllers								
Locally Mounted	90%			2043	* *	5	$700	
Locally Mounted	10%			2028	$18,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	95%	Now	$31,700	2030	$1,586,100			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps. Defective Ballasts								
Incandescent	1%			2025	$31,000	2		
LED	4%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Service	10%			2025	$6,900	1		
Emergency, Battery	40%			2025	$75,200	10	$10,800	
Exit, Service	40%			2025	$19,300	1		
Exit, Battery	10%			2030	$15,900	10	$800	

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Inaccessible Due To Scaffolding Around The Building								
Alarm								
Security System								
Generic	100%			2030	$210,200	1	$41,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$69,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Of 6,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$110,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	10%	Now	$53,800	2060	* *			
Corroded, Extent : Severe, Area Affected : 30%								
Location : Condensate Return Tanks In Basement And In Sub-basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement Condensate Return Piping								
Steam Piping/Pump	90%			2030	$807,200			

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2025	$210,800	1	$6,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	60%			2028	$549,500	1	$21,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	20%	0-2	$109,900	2050	* *	1	$6,500	
Broken, Extent : Severe, Area Affected : 50%								
Location : Pneumatic Valves At Radiators								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Steam Traps And Climate Control System								
Fan Coil Unit/Heat	10%			2025	$277,700	1	$3,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Cafeteria								
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	75%			2025	$318,200	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	80%			2025	$397,400	2	$2,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	20%	Now	$4,300	2035	* *	2	$500	
Broken, Extent : Severe, Area Affected : 10%								
Location : Kitchen Exhaust Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2040	* *	1		
Galvanized Steel	80%	Now	$22,900	2028	$1,143,900	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : At Water Main In Fire Service Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2030	$22,400	4	$2,400	
Backflow Preventer								
Generic	100%			2030	$50,000	1	$6,900	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2050	* *	1-2	$1,600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 92 - M**		
Address	: **222 WEST 134 STREET BTWN 7TH AVE. - 8TH AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M092**
Program / Asset #	: **BOE0053.000 / 213**	**Yr Built/Renovated**	: **1966 / 2012**
Area Sq Ft	: **111,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1939** **Lot** : **11**	**BIN**	: **1058808**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$758,800	
Interior Architecture	$15,847,100	$63,100
Electrical	$530,600	$826,500
Mechanical	$294,400	$2,613,100
Site Pavements	$121,300	$93,000
Total	**$17,552,200**	**$3,595,800**
Importance Code A	$758,800	$51,400
Importance Code B	$15,845,100	$3,544,400
Importance Code C	$948,200	
Total	**$17,552,200**	**$3,595,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,900			
Interior Architecture	$126,300		$8,200	$39,300
Electrical	$24,800	$4,400	$31,400	$3,900
Mechanical	$79,200	$16,400	$25,500	$19,800
Site Pavements	$60,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$326,900**	**$28,700**	**$73,000**	**$70,900**
Importance Code A	$38,900	$11,000	$11,200	$11,000
Importance Code B	$228,400	$17,800	$61,800	$59,900
Importance Code C	$59,600			
Total	**$326,900**	**$28,700**	**$73,000**	**$70,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%	Now	$51,900	LIFE	* *	5	$43,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%	Now	$202,500	LIFE	* *	5	$49,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 15%								
Location : Northwest Facade								
Windows								
Aluminum	90%	Now	$362,800	2039	* *	5	$9,500	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Metal Louvers	3%	0-2	$700	2040	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Steel	5%	Now	$23,800	2039	* *	5	$6,600	1
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Wood	2%	Now	$3,400	2039	* *	5	$2,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast in Place Concrete	15%			LIFE	* *	5	$24,500	
Masonry: Brick	60%			LIFE	* *	5	$9,500	
Metal Rail	25%			2048	* *	5-10	$71,500	
Roof								
Modified Bitumen	100%			2036	* *	10	$141,600	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$3,800	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	1%			2027	$29,200	3	$3,300	
Cast in Place Concrete	8%	0-2	$22,500	LIFE	* *	5	$28,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$8,200	
Quarry Tile	2%			2036	* *	5	$5,000	
Terrazzo	10%	Now	$30,800	LIFE	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	28%			2026	$1,276,000	3	$17,300	
Vinyl Tile 9" X 9"	45%	Now	$262,000	2026	$13,102,100	3	$27,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	1%			2059	* *	5	$3,100	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$8,700	
Concrete Masonry Unit	23%	Now	$74,900	LIFE	* *	5	$15,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	2%	0-2	$25,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	45%	Now	$94,800	LIFE	* *	5	$23,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$778,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	63%	Now	$162,500	2044	* *	5	$63,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	20%	Now	$96,100	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead No.1								
Fiber Board	10%	0-2	$12,500	2036	* *			
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			LIFE	* *	5	$4,000	
Plaster	5%	Now	$24,400	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2051	* *			
Iron Picket	10%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$121,300	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	55%			2040	* *			
Cast in Place Concrete	5%			2044	* *			
Pavers/Stone	40%	Now	$30,000	2034	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 40%								
Location : Interior Courtyard								
Activity Yard								
Asphalt	85%	4+	$21,500	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Traffic Topping	15%	Now	$9,300	2031	$93,000			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Play Area								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	75%			2031	$195,100	5	$400	
Fused Disc Sw	25%			2051	* *	5	$100	
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	90%			2030	$215,500	5	$2,600	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Braided Cloth	90%	0-2	$307,700	2056	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2057	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$145,200	5	$600	
Locally Mounted	10%			2044	* *	5	$100	
Locally Mounted	10%	0-2	$10,900	2051	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	3%			2036	* *	10	$3,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement And Cafeteria								
Fluorescent	95%			2036	* *	10	$96,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps And Mostly Controlled By Occupancy Sensors								
LED	1%			2036	* *			
LED	1%	Now	$12,300	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Twenty Percent Of Gymnasium Fixtures Are Not Operational.								
Egress Lighting								
Emergency, Battery	20%			2026	$37,300	10	$5,400	
Emergency, Battery	30%			2036	* *	10	$8,000	
Exit, LED	20%			2059	* *	1		
Exit, Service	30%			2026	$14,400	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2036	* *	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	95%							
Generic	5%			2059	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stacks Only								
Explanation : Lightning Rods In The Stacks Only								
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Staircase And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$85,900	2041	* *	1-3	$18,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Fire Alarm System Is Antiquated And Is Frequently Malfunctioning. It Consists Of Manual Pull Stations, Alarm Bells, Horns, Smoke Detectors.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$109,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	20%			2031	$417,800	1	$13,700	
Convector/Radiator	80%	Now	$36,300	2029	$726,100	1	$25,800	
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various Areas								
Explanation : Steam Trap Malfunctioning								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2036	* *			
Window/Wall Unit	70%			2026	$294,400	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Interior	10%			2031	$49,200	2	$300	
Roof	85%			2031	$183,100	2	$2,900	
Roof	5%	Now	$2,200	2031	$10,800	2	$100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2031	$1,140,500	1		
Galvanized Steel	20%			2036	* *	1		
Water Heater With Tanks								
Electric	5%			2026	$1,200	4		
Other Observation, Extent : Light, Area Affected : 15%								
Location : 2nd Floor Storage Room								
Explanation : 2nd Floor Science Laboratory Room								
Gas Fired	95%			2029	$16,200	2		
Sanitary Piping								
Cast Iron	100%	4+	$28,000	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement Gas Booster Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$2,300	
Sewage Ejector(s)								
Electric	100%			2031	$58,100	4	$4,400	
Backflow Preventer								
No Component	50%							
Generic	50%			2039	* *	1	$3,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Freight Unit From Basement To 1st Floor								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$76,800	1-2	$1,600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 92 - Q**		
Address	: **99-01 34TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q260**
Program / Asset #	: **BOE0980.000 / 4144**	**Yr Built/Renovated**	: **1992 / 2010**
Area Sq Ft	: **71,557**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1714** **Lot** : **18**	**BIN**	: **4042496**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$2,598,600
Mechanical		$776,200
Total		**$3,374,800**
Importance Code A		$2,598,600
Importance Code B		$776,200
Total		**$3,374,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$16,400	$35,600	$10,400
Interior Architecture	$400		$8,700	$16,100
Electrical	$8,900	$51,600	$7,900	$7,000
Mechanical	$40,000	$51,500	$40,300	$22,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$53,200**	**$123,400**	**$96,500**	**$60,200**
Importance Code A	$6,000	$22,500	$41,600	$16,400
Importance Code B	$46,700	$100,800	$54,800	$43,800
Importance Code C	$400			
Total	**$53,200**	**$123,400**	**$96,500**	**$60,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	40%			LIFE	* *	5	$28,700	
Masonry: Brick Cavity	30%			LIFE	* *	5	$21,500	
Recent Construction, Extent : N/A, Area Affected : 100% *Location : 2015 Addition*								
Metal Panel	10%			2050	* *	5-10	$49,400	
Metal Panel	8%			2056	* *	5-10	$39,500	
Recent Construction, Extent : N/A, Area Affected : 100% *Location : 2015 Addition*								
Pre-Cast Concrete	5%			LIFE	* *	5	$11,700	
Recent Construction, Extent : N/A, Area Affected : 100% *Location : 2015 Addition*								
Window Wall	2%			2050	* *	5	$5,400	
Window Wall	5%			2056	* *	5	$13,500	
Recent Construction, Extent : N/A, Area Affected : 100% *Location : 2015 Addition*								
Windows								
Aluminum	95%			2052	* *	5	$20,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100% *Location : All Facades*								
Metal Louvers	5%			2039	* *	10	$6,800	
Parapets								
Masonry: Brick Cavity	50%			LIFE	* *	5	$1,800	
Masonry: Brick Cavity	25%			LIFE	* *	5	$900	
Recent Construction, Extent : N/A, Area Affected : 100% *Location : 2015 Addition*								
Metal Panel	3%			2050	* *	5	$400	
Metal Panel	2%			2056	* *	5	$300	
Recent Construction, Extent : N/A, Area Affected : 100% *Location : 2015 Addition Bridge*								
Metal Rail	10%			2043	* *	5-10	$6,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,200	
Recent Construction, Extent : N/A, Area Affected : 100% *Location : 2015 Addition*								
Roof								
IRMA/Protected Membrane	40%			2030	$2,375,900	10	$80,300	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : Throughout*								
Metal Panel	25%			2043	* *	10	$92,000	
Plaza Roof: Stone Panels	30%			2056	* *			
Other Observation, Extent : Light, Area Affected : 100% *Location : 2015 Addition* *Explanation : New Roof*								
Skylight, Metal/Glass	5%			2050	* *	10	$33,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Metal Panel	10%			2056	* *	5-10		
Stucco Cement	90%			2047	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,400	
Ceramic Tile	5%			2043	* *	5	$5,400	
Recent Installation, Extent : N/A, Area Affected : 100% Location : 2015 Addition								
Mosaic Tile	3%			2043	* *	5	$8,000	
Quarry Tile	2%			2043	* *	5	$3,200	
Terrazzo	10%			LIFE	* *	5	$8,400	
Vinyl Tile	40%			2035	* *	3	$16,100	
Vinyl Tile	25%			2038	* *	3	$10,000	
Recent Construction, Extent : N/A, Area Affected : 100% Location : 2015 Addition								
Wood	5%			2058	* *	5	$10,000	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$800	
Ceramic Tile	15%			2043	* *	5	$4,200	
Concrete Masonry Unit	20%			LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 3% Location : Stairs								
Glass Block	2%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$2,500	
Gypsum Board	15%			LIFE	* *	5	$2,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$5,600	
Ceilings								
AcousTileConcealSpLn	20%			2043	* *	5	$26,800	
AcousTileSusp.Lay-In	8%			2043	* *	5	$8,600	
AcousTileSusp.Lay-In	30%			2047	* *	5	$32,100	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$40,200	
Metal Panel	5%			LIFE	* *	5	$6,700	
Wood	2%			LIFE	* *	5	$18,700	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2056	* *			
Iron Picket	95%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	95%			2039	* *			
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement (Old Wing)								
Explanation : One 4,000 Ampere For Main And One 1,200 Ampere For Pp 23 R								
Fused Disc Sw	40%			2060	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement (New Wing)								
Explanation : One 3,000 Amperes For Service No.1, Two 2,000 Amperes For Service No.2 And 3, And One 400 Amperes For Emergency								
Transformers								
Dry Type	100%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 15 Kilovolt-ampere Dry Type								
Switchgear / Switchboard								
Fused Disc Sw	60%			2050	* *	5	$200	
Fused Disc Sw	40%			2060	* *	5	$100	
Raceway								
Conduit	60%			2050	* *	1		
Conduit	40%			2060	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	5%			2055	* *	5	$100	
Molded Case Bkrs	50%			2046	* *	5	$900	
Molded Case Bkrs	40%			2055	* *	5	$800	
Wiring								
Thermoplastic	60%			2050	* *	1		
Thermoplastic	40%			2060	* *	1		
Motor Controllers								
Locally Mounted	60%			2043	* *	5	$300	
Locally Mounted	30%			2050	* *	5	$100	
Variable Frequency Drive	10%			2050	* *			
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	50%			2043	* *	1	$11,000	
Automatic	50%			2050	* *	1	$11,000	
Generators								
Diesel	50%			2039	* *	1	$13,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse (Old Wing)								
Explanation : One 250 Kilowatt								
Diesel	50%			2045	* *	1	$13,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement (New Wing)								
Explanation : One 200 Kilowatt								
Batteries								
Lead/Acid	50%			2024	$1,200	5	$1,300	
Lead/Acid	50%			2025	$1,200	5	$1,300	
Fuel Storage								
Day Tank	25%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Penthouse (Old Wing)								
Explanation : One 60 Gallons								
Day Tank	25%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement (New Wing)								
Explanation : One 275 Gallons								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement (Old Wing)								
Explanation : One 10,000 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	56%			2035	* *	10	$36,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building (Old Wing)								
Explanation : T-8 Lamps								
Fluorescent	6%			2035	* *	10	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building (Old Wing)								
Explanation : Compact Fluorescent Lamps								
Fluorescent	30%			2040	* *	10	$19,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building (New Wing)								
Fluorescent	2%			2040	* *	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building (New Wing)								
HID	2%			2035	* *	10		
LED	4%			2040	* *			
Egress Lighting								
Emergency, Service	30%			2035	* *	1		
Emergency, Service	20%			2040	* *	1		
Exit, LED	5%			2070	* *	1		
Exit, Service	25%			2035	* *	1		
Exit, Service	20%			2040	* *	1		
Exterior Lighting								
HID	60%			2035	* *	10	$100	
HID	40%			2040	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2070	* *	5	$2,100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Some Offices								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$13,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Strobe Lights, Smoke Detectors And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2056	* *	1		
Interruptible Gas/Dual Fuel	70%			2050	* *	1		
Conversion Equipment								
Hot Water Boiler	30%			2047	* *	1	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Steam Boiler	70%			2035	* *	1	$49,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%	0-2	$8,000	2050	* *			
Steam Traps Faulty, Extent : Light, Area Affected : 20%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Air Handler	60%			2035	* *	1	$26,600	
Convector/Radiator	40%			2035	* *	1	$9,200	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	55%			2030	$580,600	1	$18,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Penthouse								
Reciprocating Compr/Chiller	30%			2038	* *	1	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410a Refrigerant								
Split Unit	10%			2038	* *			
Window/Wall Unit	5%			2025	$13,600	1		
Distribution								
CW & CHW Wtr Pipe/Pump	85%			2050	* *	4	$3,000	
No Component	15%							
Terminal Devices								
Air Handler/Dir Expansion	85%			2035	* *	1		
Fan Coil - 2 Pipe	10%			2035	* *	1	$2,300	
No Component	5%							

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	30%			2038	* *	2	$15,000	
Air Cooled Condenser Unit	55%			2030	$113,900	2	$27,400	
Dry Cooler	10%			2038	* *	2	$5,000	
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,900	
Exhaust Fans								
Interior	70%			2035	* *	2	$1,500	
Roof	30%			2038	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,500	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 4th Floor							
	Explanation : 2 Units.							
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$36,100	
Sprinkler								
No Component	60%							
Generic	40%			2050	* *	1-2	$8,000	
Fire Pump								
Generic	100%			2043	* *	1	$13,400	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 93 - BK**
Address : **31 NEW YORK AVENUE BTWN: HERKIMER ST, ATLANTIC AVE.**
Borough : **BROOKLYN**
Agency's Number : **K093**
Program / Asset # : **BOE0406.000 / 1371**
Yr Built/Renovated : **1909 / 2009**
Area Sq Ft : **77,000**
Project Type : **EDUCATION**
Date of Survey : **13-Jun-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,4**
Block : **1868** **Lot** : **7** **BIN** : **3053993**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$820,500	$204,400
Interior Architecture	$342,200	
Electrical	$2,178,100	$137,400
Mechanical	$160,400	$806,100
Site Pavements	$86,900	$1,784,900
Total	**$3,588,100**	**$2,932,700**
Importance Code A	$820,500	$204,400
Importance Code B	$2,572,800	$2,728,300
Importance Code C	$194,700	
Total	**$3,588,100**	**$2,932,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,800	$15,700	$2,100	
Interior Architecture	$64,800	$15,300	$12,300	$800
Electrical	$46,300	$80,100	$1,400	$1,500
Mechanical	$23,300	$22,600	$17,100	$10,600
Site Enclosure	$24,500			
Site Pavements	$16,800			
Total	**$195,600**	**$133,700**	**$33,000**	**$12,900**
Importance Code A	$27,400	$23,500	$9,700	$7,600
Importance Code B	$85,700	$110,200	$23,200	$5,200
Importance Code C	$82,400			
Total	**$195,600**	**$133,700**	**$33,000**	**$12,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$61,900	
Masonry: Brick	90%	Now	$234,700	LIFE	* *	5	$142,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms And Bulkhead Stair								
Masonry: Limestone	5%			LIFE	* *	5	$5,900	
Windows								
Aluminum	70%			2046	* *	5	$4,200	
Aluminum	25%	Now	$71,600	2055	* *	5	$800	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : 1955 Wing								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : 1955 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : 1955 Wing								
Steel	5%	Now	$13,500	2055	* *	5	$1,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$200	
Masonry: Brick	88%	Now	$2,100	LIFE	* *	5	$300	
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Pre-Cast Concrete	5%			LIFE	* *	5	$100	
Roof								
Built-Up (BUR)	70%	0-2	$514,300	2040	* *			
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Upper Roof								
Copper/Terne	5%	Now	$4,100	2058	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : South Bulkhead Stair								
Modified Bitumen	25%			2035	* *	10	$15,700	
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$10,200	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$6,900	2039	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Vinyl Tile	80%			2035	* *	3	$36,800	
Vinyl Tile 9" X 9"	5%	Now	$54,200	2040	* *	3	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	10%			2058	* *	5	$23,000	
Interior Walls								
Ceramic Tile	5%	Now	$24,300	2039	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,100	
Masonry: Brick	5%	Now	$33,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Basement Electrical Meter Room And Exit Below Auditorium								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement Electrical Meter Room And Exit Below Auditorium								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Electrical Meter Room And Exit Below Auditorium								
Plaster	50%	Now	$107,400	LIFE	* *	5	$26,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Custodian Office, Classroom 401, Bulkhead Stair								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Custodian Office, Classroom 401, Bulkhead Stair								
SGFT/Glazed Masonry	11%	4+	$87,300	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
SGFT/Glazed Masonry	19%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2035	* *	5	$30,700	
Exposed Struc: Concrete	30%			LIFE	* *	5	$5,800	
Plaster	50%	Now	$93,300	LIFE	* *	5	$38,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 4th Floor Classrooms And Bulkhead Stair								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Bulkhead Stair								
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	20%			2050	* *			
Iron Picket	80%	0-2	$24,500	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Along Herkimer Street								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Along New York Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : At Tree Pits								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	10%	0-2	$86,900	2033	$173,800			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Asphalt	75%			2033	$1,303,100			
Rubber Matting	15%			2030	$308,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$195,100	2060	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	95%			2030	$137,400	1		
Conduit	5%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Toggle Switch	25%	2-4	$44,900	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	75%	2-4	$134,700	2055	* *	5	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Wiring								
Braided Cloth	90%	2-4	$179,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%	0-2	$57,300	2050	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Obsolete Equipment								
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Corroded, Extent : Light, Area Affected : 20%								
Location : Water Service Room								
Lighting								
Interior Lighting								
Fluorescent	94%			2025	$1,079,000	10	$66,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	5%			2025	$106,700	2	$100	
LED	1%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$9,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2025	$359,300	10	$200	
Inadequate Lighting Level, Extent : Moderate, Area Affected : 25%								
Location : Building Exterior At Herkimer Street								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$28,900	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : First Floor Hallway								
Explanation : Intrusion Alarm And Motion Detector Only Communication Failure								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$39,700	1-3	$9,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$23,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried Underground In School Yard								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$76,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2040	* *	4	$5,700	
Terminal Devices								
Air Handler	20%			2030	$289,800	1	$9,500	
Convector/Radiator	60%			2035	* *	1	$14,900	
Fan Coil Unit/Heat	20%			2030	$381,800	1	$5,000	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	55%	0-2	$3,200	2025	$160,400	1		
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Rooms 307, 309, 312								
No Component	45%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	10%			2030	$34,200	2	$200	
Roof	90%			2030	$134,500	2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$11,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,400	4	$2,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 93 - BK AX -ECF-BD STUY ECC1-BK**		
Address	: **234 HERKIMER STREET BTWN: HERKIMER ST, ATLANTIC AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K853**
Program / Asset #	: **BOE0406.010 / 188**	**Yr Built/Renovated**	: **1974 / 2008**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1868** **Lot** : **28**	**BIN**	: **3323075**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical	$160,700	$180,000
Mechanical		$424,800
Total	**$160,700**	**$604,800**
Importance Code A		$143,100
Importance Code B	$160,700	$461,700
Total	**$160,700**	**$604,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,300	$8,800	$2,300	
Interior Architecture	$50,300			$1,800
Electrical	$3,500	$57,100	$800	$800
Mechanical	$2,900	$25,000	$7,300	$900
Site Enclosure	$5,800			
Site Pavements				
Total	**$110,900**	**$90,900**	**$10,500**	**$3,600**
Importance Code A	$48,800	$8,900	$2,800	
Importance Code B	$18,200	$82,100	$7,600	$3,600
Importance Code C	$43,900			
Total	**$110,900**	**$90,900**	**$10,500**	**$3,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 93 - BK AX -ECF-BD STUY ECC1-BK
Asset # : 188

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$22,700	
Masonry: Brick	75%			LIFE	* *	5	$22,700	
Window Wall	10%			2050	* *	5	$11,300	
Windows								
Aluminum	100%			2046	* *	5	$4,600	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$27,000	
Masonry: Brick	5%			LIFE	* *	5	$300	
Metal Panel	25%			2050	* *	5	$6,300	
Metal Security Bars	30%	0-2	$7,800	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : East And West Lot Lines								
Roof								
Modified Bitumen	100%	Now	$40,500	2035	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Toilets								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Ceramic Tile	5%	Now	$4,300	2033	$42,800	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Toilets Throughout								
Vinyl Tile	95%	Now	$8,000	2035	* *	3	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classroom 5 And Corridors Throughout								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	60%	0-2	$38,100	LIFE	* *	5	$8,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Exits Throughout								
Masonry: Brick	30%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5	$2,500	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Iron Picket	75%	Now	$3,700	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 93 - BK AX -ECF-BD STUY ECC1-BK
Asset # : 188

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%	4+	$2,100	2065	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	20%			2033	$21,600			
Rubber Matting	80%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$15,100	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$108,400	5		
Raceway								
Conduit	95%			2030	$24,500	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Toggle Switch	5%			2029	$2,000	5		
Molded Case Bkrs	90%	Now	$700	2029	$35,900	5		$100
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Panel L P A								
Explanation : Circuit Breaker Number 26 Nuisance Tripping								
Molded Case Bkrs	5%	2-4	$2,000	2055	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room Panel P P H A								
Wiring								
Thermoplastic	95%			2030	$27,200	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5		$100
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		$200
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 93 - BK AX -ECF-BD STUY ECC1-BK
Asset # : 188

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$160,700	10	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2025	$6,100	2		
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$1,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	100%			2040	* *			
Alarm								
Security System								
No Component	50%							
Generic	50%			2025	$10,300	1	$2,100	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Building								
Explanation : Intrusion Alarm And Motion Detector Only								
Fire/Smoke Detection								
Generic, Analog	100%			2025	$28,400	1-3	$6,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Radiant Heater	50%			2030	$143,100	2	$2,600	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Electric Duct Heater								
Explanation : Rooftop Unit Under Air Conditioning Equipment								
Terminal Devices								
Fan Coil Unit/Heat	50%			2030	$68,200	1	$1,800	
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$14,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$213,400	1	$6,800	
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$31,800	2	$7,700	

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DEPARTMENT OF EDUCATION - 040
P. S. 93 - BK AX -ECF-BD STUY ECC1-BK
Asset # : 188

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Exhaust Fans								
Interior	10%			2025	$4,900	2		
Roof	90%			2025	$19,200	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 80 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 94 - BK**		
Address	: **5010 6TH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K094**
Program / Asset #	: **BOE0407.000 / 1372**	**Yr Built/Renovated**	: **1908 / 2010**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4,Ph**		
Block	: **792** **Lot** : **26**	**BIN**	: **3332126**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$195,300	$59,700
Interior Architecture	$6,522,300	$50,800
Electrical	$229,200	$928,300
Mechanical	$1,055,400	$3,355,300
Site Pavements		$54,000
Total	**$8,002,300**	**$4,448,100**
Importance Code A	$195,300	$59,700
Importance Code B	$7,721,000	$4,388,400
Importance Code C	$86,000	
Total	**$8,002,300**	**$4,448,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$3,400	
Interior Architecture	$147,700		$11,200	$12,500
Electrical	$5,600	$5,800	$8,800	$4,700
Mechanical	$71,500	$14,100	$21,900	$17,200
Site Pavements	$10,100			
Total	**$234,900**	**$19,800**	**$45,300**	**$34,500**
Importance Code A	$9,100	$9,100	$12,700	$9,100
Importance Code B	$185,800	$10,700	$32,600	$25,400
Importance Code C	$40,100			
Total	**$234,900**	**$19,800**	**$45,300**	**$34,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Covered With Scaffolding And Netting								
Windows								
Aluminum	70%	Now	$195,300	2039	* *	5	$10,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Aluminum	30%			2053	* *	5	$8,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$13,600	
Masonry: Brick Cavity	50%			LIFE	* *	5	$8,800	
Pre-Cast Concrete	25%			LIFE	* *	5	$27,600	
Stucco Cement	15%			2036	* *	5	$6,800	
Roof								
Modified Bitumen	100%			2039	* *	10	$59,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	7%	Now	$16,100	LIFE	* *	5	$20,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	3%	Now	$19,100	2036	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	1%			2036	* *	5	$2,000	
Vinyl Tile	49%	Now	$91,800	2036	* *	3	$24,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria And Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	25%	Now	$119,600	2026	$5,982,400	3	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Corridors And Classrooms								
Wood	15%	0-2	$242,600	2046	* *	5	$19,100	
Dry Rot/Decay, Extent : Severe, Area Affected : 20%								
Location : Classrooms								

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DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$3,500	2034	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass: Single Pane	5%	0-2	$6,400	LIFE	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairwells								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Transoms And Stairwell Landings								
Explanation : Safety Single Pane Glass								
Masonry: Brick	5%	0-2	$20,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank Room								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Boiler Room								
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Stair Dividers								
Plaster	67%	Now	$86,000	LIFE	* *	5	$21,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms, Basement And Other Areas Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Wood	2%			LIFE	* *	5	$8,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Wood And Metal Panels								
Ceilings								
AcousTileConcealSpLn	15%			2044	* *	5	$25,400	
AcousTileSusp.Lay-In	15%			2036	* *	5	$20,300	
Exposed Struc: Concrete	5%	0-2	$20,300	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Sub-basement								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	60%	Now	$49,500	LIFE	* *	5	$50,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bulkhead, Classrooms And Other Areas Throughout								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	95%			2051	* *			
Masonry: Fieldstone	5%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	60%			2036	* *			
Masonry: Granite	40%	0-2	$10,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 50%								
Location : Entrance Stairs								
Parking/Driveway								
Not Accessible	100%							
Activity Yard								
Asphalt	85%			2034	* *			
Rubber Matting	15%			2031	$54,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$31,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2031	$13,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2031	$136,500	5	$300	
Fused Knife Sw	40%			2031	$91,000	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	80%			2031	$161,400	1		
Conduit	20%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Knife Sw	2%			2030	$4,800	5		
Fused Toggle Switch	2%			2030	$4,800	5		
Molded Case Bkrs	70%			2030	$167,600	5	$1,800	
Molded Case Bkrs	16%			2039	* *	5	$400	
Wiring								
Thermoplastic	40%			2031	$116,700	1		
Thermoplastic	60%			2041	* *	1		
Motor Controllers								
Locally Mounted	60%			2029	$71,700	5	$400	
Motor Control Center	40%			2029	$118,200	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	99%			2036	* *	10	$88,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	1%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2031	$65,100	10	$9,400	
Exit, Battery	50%			2036	* *	10	$3,300	
Exterior Lighting								
No Component	80%							
Not Accessible	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Scaffolding Around The Building								
Alarm								
Security System								
Generic	50%			2026	$91,000	1	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2041	* *	1	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System Recently Installed								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$50,000	1-3	$12,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank Of No.2 Oil								
Conversion Equipment								
Hot Water Boiler	10%			2044	* *	1	$4,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Third Floor Mechanical Equipment Room Of New Wing								
Explanation : One Gas Fired Hot Water Boiler								
Steam Boiler	90%			2044	* *	1	$86,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Three Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	10%			2047	* *	4	$500	
Central Plant Steam Piping/Pmp	60%			2031	$1,636,600	4	$2,900	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Fresh Air/louver Damper Defective For Boiler No.2 In Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump Leaking In Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 75%								
Location : Throughout Old Wing Of The Building								
Central Plant Steam Piping/Pmp	20%			2051	* *	4	$1,000	
Central Plant Steam Piping/Pmp	10%	0-2	$163,700	2061	* *	4	$500	
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout Old Wing Of The Building								

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DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2036	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Third Floor Mechanical Equipment Room								
Explanation : Air Handler Serves The Auditorium								
Air Handler	10%			2031	$182,500	1	$6,000	
Air Handler	30%			2026	$547,600	1	$18,000	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : House Supply Fans Located In Sub-basement Mechanical Rooms								
Convector/Radiator	30%			2029	$238,000	1	$9,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Section Of The Building								
Convector/Radiator	10%			2036	* *	1	$3,100	
Convector/Radiator	10%	0-2	$47,600	2051	* *	1	$2,800	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : 4th Floor Girls Toilet Room, Room 404								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Defective Climate Control System								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2031	$183,700	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 1st And 2nd Floor Classrooms								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : 3rd And 4th Floor Classrooms								
Explanation : No Air-conditioning								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,100	
Exhaust Fans								
Interior	10%			2036	* *	2	$300	
Interior	80%	0-2	$344,200	2041	* *	2	$1,900	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Roof	10%			2031	$18,800	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2041	* *	1		
Galvanized Steel	90%			2029	$1,114,500	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : 2016 Installation Located In Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Heater Installed In 2016								
Sanitary Piping								
Cast Iron	80%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Section Of The Building								
Cast Iron	20%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	75%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building								
Cast Iron	5%	0-2	$10,300	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 5%								
Location : Sub-basement								
Cast Iron	20%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$19,400	4	$2,000	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	$8,700	1	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 50%								
Location : Student And Staff Restrooms								
Explanation : 2018 Upgrade Of Toilets And Urinals								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 94 - Q**
Address : **41-77 LITTLE NECK PKWY**
Borough : **QUEENS**
Program / Asset # : **BOE0745.000 / 1614**
Area Sq Ft : **38,000**
Date of Survey : **30-Oct-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **8135** **Lot** : **29**

Agency's Number : **Q094**
Yr Built/Renovated : **1914 / 2015**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4169468**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$357,300	$81,400
Interior Architecture		$787,900
Electrical		$256,000
Mechanical	$397,500	$506,300
Site Pavements		$83,500
Total	**$754,900**	**$1,715,000**
Importance Code A	$357,300	$81,400
Importance Code B	$397,500	$1,633,600
Total	**$754,900**	**$1,715,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,700			$24,800
Interior Architecture	$99,800	$1,600		$7,800
Electrical	$53,000	$1,200	$1,300	$80,000
Mechanical	$66,500	$5,500	$8,700	$5,600
Site Enclosure	$11,500			
Site Pavements	$4,600			
Total	**$238,100**	**$8,300**	**$9,900**	**$118,200**
Importance Code A	$6,500	$3,800	$3,800	$28,700
Importance Code B	$180,200	$4,500	$6,200	$89,500
Importance Code C	$51,500			
Total	**$238,100**	**$8,300**	**$9,900**	**$118,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Stucco Cement	100%			2037	* *	5	$162,800	
Windows								
Aluminum	73%			2048	* *	5	$10,200	
Metal Louvers	2%	Now	$800	2035	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Front Facade								
Wood	25%	Now	$84,100	2057	* *	5	$17,500	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Front Facade								
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Street Facade Windows								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Street Facade Windows								
Dry Rot/Decay, Extent : Light, Area Affected : 100%								
Location : Street Facade Windows								
Parapets								
Copper/Terne	15%			2052	* *	5	$3,100	
Masonry: Brick	10%			LIFE	* *	5	$400	
Metal: Cage/Fence	15%			2037	* *	5-10	$4,900	
Stucco Cement	60%			2037	* *	5	$6,600	
Roof								
Built-Up (BUR)	90%			2027	$191,800	10	$16,400	
Ponding, Extent : Light, Area Affected : 25%								
Location : Various Locations Throughout								
Copper/Terne	8%	0-2	$1,900	2047	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Hood Elements								
Metal Panel	2%			2037	* *	10	$700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$13,600	
Mosaic Tile	4%			2037	* *	5	$4,100	
Quarry Tile	5%			2045	* *	5	$3,100	
Vinyl Tile	69%	Now	$15,800	2032	$787,900	3	$10,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Door Thresholds And Stairs								
Vinyl Tile 9" X 9"	1%	Now	$3,600	2042	* *	3	$200	
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Kitchen Pantry								
Wood	6%	Now	$29,600	2047	* *	5	$2,300	
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	15%	Now	$11,100	2035	* *	5	$5,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Base Of Stairwell Walls								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Masonry: Brick	10%	4+	$25,700	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Metal: Cage/Fence	2%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$12,100	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$4,100	
Exposed Struc: Concrete	20%			LIFE	* *	5	$1,300	
Exposed Struc: Steel	2%	Now	$9,900	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Open Stair Landings On 1st And 2nd Floors								
Explanation : Rotating Of Header Beams								
Metal Panel	3%	Now	$4,100	LIFE	* *	5	$1,600	
Deformed/Dented, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Plaster	60%			LIFE	* *	5	$15,500	
Plaster	5%			LIFE	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Ceiling								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%	2-4	$10,300	2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Driveway								
Iron Picket	20%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	100%	Now	$1,200	2052	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Perimeter Wall. Rear Yard								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	100%	Now	$2,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Side And Rear Yards								
Parking/Driveway								
Asphalt	100%	Now	$1,100	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Parking Lot								
Activity Yard								
Asphalt	50%	Now	$1,400	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Play Yard Area								
Rubber Matting	50%			2032	$83,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$22,600	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Custodian Office								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2032	$65,000	5	$100	
Fused Disc Sw	50%			2052	* *	5	$100	
Raceway								
Conduit	90%			2032	$55,100	1		
Conduit	10%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	40%			2031	$39,900	5	$400	
Molded Case Bkrs	50%			2048	* *	5	$500	
Molded Case Bkrs	10%			2040	* *	5	$100	
Wiring								
Braided Cloth	30%	2-4	$23,200	2057	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2032	$38,600	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$57,300	5	$200	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$34,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$4,600	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2027	$17,700	10		
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$21,400	1	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$29,400	2042	* *	1-3	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System, Alarm Bells, Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$37,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2032	$304,300			
Terminal Devices								
Air Handler	25%	4+	$8,900	2027	$178,800	1	$5,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	65%			2030	$202,000	1	$8,000	
Fan Coil Unit/Heat	10%	2-4	$18,800	2042	* *	1	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Lunch Area								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2025	$100,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$33,400	LIFE	* *	2-5	$21,200	
Corroded, Extent : Moderate, Area Affected : 85%								
Location : Vent Covers, Roof								
Exhaust Fans								
Interior	70%	2-4	$118,000	2042	* *	2	$700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Interior	30%			2042	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2042	* *	1		
Galvanized Steel	10%			2030	$48,500	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$7,600	4	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	50%							
Generic	50%			2032	$8,500	1	$1,200	
Fixtures								
Generic	80%							
Generic	20%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$15,800	1-2	$300	
Chemical System								
No Component	99%							
Generic	1%			2030	$1,000	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 95 - BK**		
Address	: **345 VAN SICKLEN ST. BTWN: GRAVESEND NECK RD., AVE. U**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K095**
Program / Asset #	: **BOE0408.000 / 2514**	**Yr Built/Renovated**	: **1915 / 2015**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **7123** **Lot** : **66**	**BIN**	: **3192661**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$244,300	$434,900
Interior Architecture	$697,900	$2,475,300
Electrical	$300,100	$1,071,000
Mechanical	$1,801,000	$2,149,500
Total	**$3,043,300**	**$6,130,800**
Importance Code A	$688,800	$434,900
Importance Code B	$2,281,100	$5,294,300
Importance Code C	$73,400	$401,600
Total	**$3,043,300**	**$6,130,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$41,900	$5,100	
Interior Architecture	$33,100			$9,800
Electrical	$5,100	$100,700	$2,400	$2,400
Mechanical	$42,500	$25,500	$18,400	$12,300
Site Pavements	$57,700			
Total	**$138,400**	**$168,100**	**$25,900**	**$24,600**
Importance Code A		$50,500	$13,500	$8,400
Importance Code B	$118,100	$117,600	$12,400	$16,100
Importance Code C	$20,300			
Total	**$138,400**	**$168,100**	**$25,900**	**$24,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	5%			LIFE	* *	5	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Play Area								
Explanation : Overhead Trellis								
Masonry: Brick	85%			LIFE	* *	5	$68,500	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$6,000	
Windows								
Aluminum	50%			2046	* *	5	$10,300	
Aluminum	50%	Now	$244,300	2038	* *	5	$5,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Later Addition								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$5,200	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Masonry: Limestone	35%			LIFE	* *	5	$3,800	
Metal: Cage/Fence	5%			2043	* *	5-10	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Roof								
Explanation : Play Area								
Roof								
Built-Up (BUR)	50%			2035	* *	10	$41,900	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Original Building								
Modified Bitumen	40%			2030	$366,400	10	$33,500	
Paver: Asphalt	10%			2039	* *	10	$12,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,700	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Kitchen And Basement								
Ceramic Tile	5%			2033	$352,000	5	$6,200	
Marble Panels	2%			LIFE	* *	5	$1,900	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	48%	Now	$33,100	2030	$1,655,500	3	$22,500	
Adhesion Failure, Extent : Moderate, Area Affected : 35%								
Location : Throughout Lower Floor Corridors And Classrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Throughout Lower Floor Corridors And Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout Lower Floor Corridors And Classrooms								
Vinyl Tile 9" X 9"	15%	4+	$165,300	2040	* *	3	$7,000	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	20%	Now	$297,900	2058	* *	5	$23,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Auditorium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Auditorium And Gymnasium								
Interior Walls								
Ceramic Tile	3%			2033	$401,600	5	$7,300	
Glass: Single Pane	3%			LIFE	* *	5	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Dividing Walls								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	62%	Now	$73,400	LIFE	* *	5	$45,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead Stair, Basement And 3rd Floor Classrooms								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,900	
Plaster	85%	Now	$161,400	LIFE	* *	5	$66,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair, Basement And 4th Floor Classrooms								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair, Basement And 4th Floor Classrooms								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$12,700	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$20,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	75%	0-2	$24,800	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2030	$36,200	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2030	$9,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	100%			2030	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	90%			2029	$215,500	5	$2,000	
Wiring								
Braided Cloth	20%	2-4	$58,300	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	80%			2030	$233,400	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Located In Room 103								
Explanation : Ground Observed								
Lighting								
Interior Lighting								
Fluorescent	2%			2025	$25,300	10	$1,600	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	94%			2038	* *	10	$73,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	2%			2025	$20,100	10	$100	
Incandescent	2%			2025	$47,100	2		
Egress Lighting								
Emergency, Battery	50%			2025	$71,300	10	$10,300	
Exit, Service	50%			2025	$18,300	1		
Exterior Lighting								
HID	20%	Now	$1,600	2025	$79,300			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$47,900	1	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Cameras Observed								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$65,800	1-3	$15,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$26,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried Underground								
Explanation : One 10,000 Gallon Tank								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	35%	0-2	$155,600	2050	* *	1	$26,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement, Boiler No. 2 Is Producing Smoke								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three No. 4 Oil Burning Steam Boilers								
Steam Boiler	30%	Now	$133,400	2050	* *	1	$22,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room Boiler No. 3								
Leak Evident, Extent : Severe, Area Affected : 33%								
Location : Boiler Room, Boiler No. 3 Has Severe Leak In The Boiler Shell								
Steam Boiler	35%	0-2	$155,600	2050	* *	1	$26,500	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler No. 2								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler No. 2								
Distribution								
Central Plant Steam Piping/Pmp	10%	Now	$143,400	2060	* *	4	$400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Steam Traps, Defective Vacuum Pump Seals, Defective Room Thermostats								
Steam Piping/Pump	90%			2030	$612,600			
Terminal Devices								
Air Handler	25%			2025	$399,900	1	$13,100	
Convector/Radiator	65%			2028	$451,800	1	$17,800	
Fan Coil Unit/Heat	10%			2025	$210,700	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	20%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Condensers On Exterior Of Building								
Window/Wall Unit	70%			2025	$225,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	
Exhaust Fans								
Interior	100%			2025	$377,000	2	$2,600	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$21,700	2028	$1,085,100	1		
Corroded, Extent : Severe, Area Affected : 30%								
Location : Water Main Valve Located In Basement								
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2028	$17,100	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Circulator Pump Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$17,000	2040	* *	4	$1,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Single Pump								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 95 - BX**				
Address	: **3961 HILLMAN AVENUE @SEDGWICK AVENUE**				
Borough	: **BRONX**			**Agency's Number**	: **X095**
Program / Asset #	: **BOE0236.000 / 428**			**Yr Built/Renovated**	: **1933 / 2011**
Area Sq Ft	: **141,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **25-Mar-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **3252**	**Lot**	: **182**	**BIN**	: **2015472**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$72,000	
Interior Architecture	$165,000	
Electrical	$323,000	$326,500
Mechanical	$407,400	$1,964,100
Site Pavements	$254,600	
Total	**$1,222,000**	**$2,290,600**
Importance Code A	$151,900	
Importance Code B	$993,100	$2,290,600
Importance Code C	$77,000	
Total	**$1,222,000**	**$2,290,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,100		$2,100	$35,200
Interior Architecture	$162,100	$43,000	$4,700	$11,200
Electrical	$13,200	$14,500	$14,100	$65,400
Mechanical	$17,700	$24,200	$34,900	$26,100
Site Pavements	$14,100			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$265,100**	**$91,500**	**$65,600**	**$147,800**
Importance Code A	$50,500	$11,500	$13,600	$47,100
Importance Code B	$148,200	$80,000	$47,400	$100,700
Importance Code C	$66,300		$4,700	
Total	**$265,100**	**$91,500**	**$65,600**	**$147,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$22,200	
Masonry: Brick	53%			LIFE	* *	5	$47,100	
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Facades								
Masonry: Brick Cavity	25%			LIFE	* *	5	$22,200	
Masonry: Granite	2%			LIFE	* *	5	$1,300	
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Metal Panel	10%			2058	* *	5-10	$61,100	
Windows								
Aluminum	70%	Now	$72,000	2048	* *	5	$7,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Rooms 301, 305, 410 And Various Others								
Aluminum	30%			2048	* *	5	$6,500	
Parapets								
Masonry: Brick	40%	0-2	$48,100	LIFE	* *	5	$3,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2011 Addition								
Explanation : Membrane Covered Surface								
Masonry: Limestone	10%			LIFE	* *	5	$1,200	
Recent Replace Evident, Extent : N/A, Area Affected : 80%								
Location : Parapet Walls								
Metal Panel	2%			2058	* *	5	$700	
Pre-Cast Concrete	8%			LIFE	* *	5	$4,800	
Roof								
Built-Up (BUR)	50%			2037	* *	10	$25,200	
IRMA/Protected Membrane	20%			2037	* *	10	$10,100	
Plaza Roof: Stone Panels	20%			2052	* *			
Roll Roofing	5%			2031	$16,300	5	$4,200	
Skylight, Metal/Glass	5%			2042	* *	10	$8,400	
Soffits								
Cement - Fiber Panel	100%			2042	* *	10		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$43,600	
Ceramic Tile	5%			2045	* *	5	$5,000	
Quarry Tile	5%			2052	* *	5	$7,500	
Sheet Vinyl/Rubber	5%			2042	* *	5	$7,500	
Terrazzo	5%	0-2	$9,300	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2042	* *	3	$10,000	
Vinyl Tile 9" X 9"	10%	Now	$88,000	2042	* *	3	$3,700	
Worn/Eroded, Extent : Severe, Area Affected : 90%								
Location : Corridors								
Wood	30%			2060	* *	5	$56,100	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	2%	0-2	$77,000	2047	* *	5	$1,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	8%			2041	* *	5	$9,300	
Gypsum Board	20%			LIFE	* *	5	$14,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	0-2	$20,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%	0-2	$22,700	LIFE	* *	5	$14,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	10%	0-2	$21,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%	Now	$48,100	2052	* *	5	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	20%			2045	* *	5	$19,900	
AcousTileSusp.Lay-In	5%			2045	* *	5	$5,000	
Exposed Struc: Concrete	20%			LIFE	* *	5	$3,100	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$12,500	
Plaster	25%	Now	$37,900	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs 3,4 And 6,7								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairs 3,4 And 6,7 And Near Skylight								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	20%			2052	* *			
Iron Picket	80%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$254,600	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Sedwick Avenue And Various Locations								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$2,100	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Site Steps And Walking Path Locations								
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	95%	4+	$12,100	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Rubber Matting	5%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	45%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room New Wing								
Explanation : One 4000, One 2,000 And One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	45%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Old Wing								
Explanation : One 2500 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Old Wing								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$600	
Raceway								
Conduit	40%			2032	$115,500	1		
Conduit	60%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	2%			2031	$6,000	5	$100	
Fused Disc Sw	8%			2048	* *	5	$300	
Molded Case Bkrs	45%			2048	* *	5	$1,700	
Molded Case Bkrs	45%			2031	$134,700	5	$1,700	
Wiring								
Braided Cloth	30%	2-4	$119,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing								
Thermoplastic	10%			2032	$40,000	1		
Thermoplastic	60%			2052	* *	1		
Motor Controllers								
Locally Mounted	20%			2030	$36,300	5	$200	
Locally Mounted	80%			2045	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$43,400	
Generators								
Diesel	100%			2041	* *	1	$54,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$31,400	
Fuel Storage								
Main Tank	100%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$124,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	4%			2037	* *	10	$200	
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Emergency, Battery	10%			2027	$23,700	10	$3,400	
Exit, Service	30%			2037	* *	1		
Exit, Service	10%			2027	$6,100	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2037	* *	10		
HID	10%			2027	$65,800	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside Explanation : CCTV Surveillance Cameras								
Generic	5%			2037	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Hallways And Exit Doors New Wing Explanation : Intrusion Alarm And Motion Sensor								
Generic	5%			2027	$13,200	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Hallways And Exit Doors Old Wing Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$26,100	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : Strobe Lights, Alarm Bells, Horns, Smoke Detectors Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	35%			2052	* *	1		
Interruptible Gas/Dual Fuel	65%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 65% Location : Basement Explanation : 2 Tanks 1500 Gallons Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2037	* *	1	$20,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof. Part Of Air Conditioning System								
Explanation : 4 Units								
Hot Water Boiler	5%			2045	* *	1	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Steam Boiler	65%	0-2	$79,900	2045	* *	1	$81,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Bolier Room. Two Plugged Tubes In Each Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	5%			2048	* *	4	$500	
Central Plant Steam Piping/Pmp	65%	Now	$51,500	2042	* *	4	$4,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
No Component	30%							
Terminal Devices								
Air Handler	39%			2032	$1,034,800	1	$34,000	
Convector/Radiator	18%	0-2	$62,300	2037	* *	1	$7,400	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Convector/Radiator	30%			2049	* *	1	$13,700	
Fan Coil Unit/Heat	13%			2032	$454,500	1	$5,900	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	35%			2037	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units Using Refrigerant 410a								
Split Unit	15%			2037	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Various								
Explanation : Kitchen, Telecomunication Room, Elevator And Mechanical Room								
Window/Wall Unit	40%			2027	$213,700	1		
No Component	10%							

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,600	
Exhaust Fans								
Interior	65%			2032	$406,500	2	$2,800	
Roof	35%			2040	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	65%			2052	* *	1		
Galvanized Steel	35%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$68,300	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$4,500	
Backflow Preventer								
Generic	100%			2037	* *	1	$8,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2052	* *	1-2	$15,800	
Chemical System								
Wet	10%			2030	$12,200	1-3	$13,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul 102								
No Component	70%							
Generic	20%			2030	$24,500	1-3	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 95 - Q**		
Address	: **179-01 90 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q095**
Program / Asset #	: **BOE0746.000 / 2767**	**Yr Built/Renovated**	: **1915 / 1998**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4**		
Block	: **9914** **Lot** : **1**	**BIN**	: **4446042**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$526,000	$1,494,400
Interior Architecture	$797,600	$844,000
Electrical	$444,500	$696,300
Mechanical	$1,090,200	$1,265,300
Total	**$2,858,300**	**$4,300,000**
Importance Code A	$526,000	$1,494,400
Importance Code B	$2,332,300	$2,805,600
Total	**$2,858,300**	**$4,300,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,100			$9,100
Interior Architecture	$119,700	$3,500	$6,500	$9,200
Electrical	$2,100	$2,800	$89,300	$1,700
Mechanical	$139,400	$14,100	$21,800	$15,000
Site Enclosure	$51,200			
Site Pavements	$83,500			
Total	**$455,100**	**$20,400**	**$117,600**	**$35,000**
Importance Code A	$68,400	$9,200	$9,400	$18,300
Importance Code B	$236,000	$11,100	$108,200	$16,800
Importance Code C	$150,800			
Total	**$455,100**	**$20,400**	**$117,600**	**$35,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	$136,400	LIFE	* *	5	$67,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Horizontal Band And Entry Cornice								
Masonry: Brick Cavity	75%			LIFE	* *	5	$128,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick Installed In 2003								
Masonry: Limestone	18%			LIFE	* *	5	$23,100	
Slate Panels	2%	Now	$26,600	LIFE	* *	5	$2,600	
Spalling, Extent : Severe, Area Affected : 15%								
Location : Base Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Base Of Building								
Explanation : Bluestone								
Windows								
Aluminum	70%			2047	* *	5	$16,900	
Aluminum	5%			2047	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Stained Glass								
Aluminum	20%	Now	$23,000	2039	* *	5	$2,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Security Grilles								
Other Observation, Extent : Light, Area Affected : 100%								
Location : First And Second Floor								
Explanation : Security Bars And Grilles								
Metal Louvers	5%			2040	* *	10	$7,500	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick Installed In 2003								
Metal Rail	5%			2044	* *	5-10	$10,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$7,400	
Roof								
Built-Up (BUR)	95%	Now	$389,700	2031	$1,298,900			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : All Roofs								
Vegetation Growth, Extent : Severe, Area Affected : 20%								
Location : Lower Roof With Mechanical Rooftop Unit								
Copper/Terne	5%	4+	$3,100	2046	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Roof Bulkhead								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,400	
Ceramic Tile	5%			2034	* *	5	$7,000	
Marble Panels	2%			LIFE	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry And First To Second Floor Main Stair								
Explanation : Steps								
Terrazzo	5%			LIFE	* *	5	$5,400	
Vinyl Tile	20%			2031	$768,300	3	$10,400	
Vinyl Tile	3%	Now	$34,600	2041	* *	3	$1,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : General Offices								
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : General Offices And Principals Office								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : General Offices And Principals Office								
Vinyl Tile 9" X 9"	50%	Now	$613,600	2041	* *	3	$26,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout Classrooms And Corridors. Classrooms 308, 402								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout Classrooms And Corridors								
Wood	5%			2046	* *	5	$13,000	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$7,900	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Glass And Metal Panels								
Marble Panels	5%			LIFE	* *			
Plaster	60%	Now	$46,400	LIFE	* *	5	$28,600	
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Stair G, 303 And Bulkhead								
SGFT/Glazed Masonry	10%	4+	$28,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,200	
Metal Panel	3%	Now	$2,800	LIFE	* *	5	$5,200	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	87%	Now	$184,000	LIFE	* *	5	$75,600	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Cafeteria, Classrooms 303 And 308, Stairwell G								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	30%	Now	$11,200	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Playground Fence								
Impact Damage, Extent : Light, Area Affected : 10%								
Location : Playground Poles Bent								
Iron Picket	70%	4+	$11,400	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$28,600	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Walls At Steps To Entry And Exits								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,300	2036	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 90th Avenue And 179th Street								
On-Site Walkways								
Asphalt	50%			2034	* *			
Cast in Place Concrete	50%			2036	* *			
Parking/Driveway								
Asphalt	100%	Now	$49,300	2034	* *			
Potholes, Extent : Moderate, Area Affected : 5%								
Location : At Dumpsters								
Activity Yard								
Asphalt	85%	Now	$18,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Rubber Matting	15%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	80%			2030	$191,600	5	$2,000	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$233,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2041	* *	1		
Motor Controllers								
Locally Mounted	20%			2036	* *	5	$100	
Locally Mounted	80%			2029	$95,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$83,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2036	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	25%			2026	$39,000	10	$5,600	
Emergency, Battery	25%			2036	* *	10	$5,600	
Exit, Service	25%			2026	$10,000	1		
Exit, Service	25%			2036	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2026	$86,800	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Not Functional								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Surveillance Camera CCTV								
Generic	10%			2026	$17,500	1	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$48,000	1-3	$11,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Mechanical Room								
Explanation : Fire Alarm Panel, Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 4,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$92,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2031	$744,700			
Terminal Devices								
Air Handler	40%			2026	$700,000	1	$23,000	
Convector/Radiator	60%	0-2	$9,100	2029	$456,300	1	$16,200	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	8%	0-2	$48,900	2041	* *	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lower Roof								
Explanation : 1 Extended Life Time And Inefficient Unit For Auditorium.								
Window/Wall Unit	20%	0-2	$14,100	2026	$70,500	1		
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	72%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,900	
Exhaust Fans								
Interior	60%			2026	$247,500	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	40%	0-2	$7,200	2026	$72,200	2	$900	
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%	0-2	$47,500	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Size Of Incoming Pipe Is Too Small								
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : 1 Gas Fired Temporary Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$18,600	4	$2,000	
Backflow Preventer								
Generic	100%			2031	$41,500	1	$5,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$64,300	1-2	$1,300	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 96 - M**		
Address	: **216 EAST 120 STREET @2ND - 3RD AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M096**
Program / Asset #	: **BOE0054.000 / 1686**	**Yr Built/Renovated**	: **1964 / 2009**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1784** **Lot** : **12**	**BIN**	: **1074333**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$131,700
Interior Architecture	$801,200	$70,500
Electrical	$287,000	$592,600
Mechanical	$249,000	$2,806,300
Total	**$1,337,200**	**$3,601,100**
Importance Code A		$820,300
Importance Code B	$1,285,100	$2,780,800
Importance Code C	$52,100	
Total	**$1,337,200**	**$3,601,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,800	$2,500		$51,300
Interior Architecture	$89,100	$3,500		$10,400
Electrical	$41,300	$1,800	$2,500	$80,900
Mechanical	$126,500	$35,800	$42,300	$94,100
Site Pavements	$8,900			
Total	**$297,500**	**$43,700**	**$44,800**	**$236,800**
Importance Code A	$66,200	$10,400	$7,800	$59,300
Importance Code B	$207,200	$32,100	$37,000	$177,500
Importance Code C	$24,200	$1,300		
Total	**$297,500**	**$43,700**	**$44,800**	**$236,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	6%			LIFE	* *	5	$27,400	
Masonry: Brick Cavity	70%			LIFE	* *	5	$68,300	
Masonry: Limestone	2%			LIFE	* *	5	$1,500	
Granite Panels	2%			LIFE	* *	5	$1,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$15,900	
Pre-Cast Concrete	15%	Now	$21,200	LIFE	* *	5	$47,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Above Window Heads. Auditorium Facade								
Windows								
Aluminum	50%			2048	* *	5	$5,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : East 120th Street Facade								
Explanation : Protective Metal Grilles								
Aluminum	50%			2040	* *	5	$5,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Rear Facade								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$19,200	
Metal Rail	5%			2049	* *	5-10	$20,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$14,200	
Roof								
Built-Up (BUR)	97%			2037	* *	10	$47,700	
Copper/Terne	3%			2047	* *	10	$3,700	
Soffits								
Cast in Place Concrete	100%	Now	$2,500	LIFE	* *	5	$2,100	
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Front Facade								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$4,500	
Terrazzo	3%			LIFE	* *	5	$2,100	
Vinyl Tile	20%	Now	$50,000	2037	* *	3	$6,800	
Adhesion Failure, Extent : Severe, Area Affected : 25%								
Location : 2nd And 3rd Floor Corridors								
Uneven Substrate, Extent : Severe, Area Affected : 35%								
Location : 2nd And 3rd Floor Corridors								
Vinyl Tile 9" X 9"	72%	Now	$574,500	2042	* *	3	$24,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Gymnasium And Cafeteria								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Gymnasium And Cafeteria								
Uneven Surface, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2035	* *	5	$2,600	
Concrete Masonry Unit	15%	Now	$24,200	LIFE	* *	5	$5,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Upper Gymnasium Walls At Girder, Cafeteria Columns								
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	50%	2-4	$52,100	LIFE	* *	5	$12,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st And 2nd Floor Girls And Boys Bathrooms								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$174,600	2052	* *	5	$9,000	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor, Corridors And Cafeteria								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridors And Cafeteria								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Corridors And Cafeteria								
Exposed Struc: Concrete	50%			LIFE	* *	5	$7,100	
Fiber Board	5%			2032	$70,500			
Metal Panel	5%	Now	$15,000	LIFE	* *	5	$5,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Plaster	20%			LIFE	* *	5	$11,300	
Site Enclosure								
Fence/Gates								
Chain Link	85%			2052	* *			
Iron Picket	15%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$8,900	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East 120th Street At Secondary Entrance And At Auditorium Door.								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : East 120th Street At Secondary Entrance And At Auditorium Door.								
Activity Yard								
Rubber Matting	5%			2037	* *			
Traffic Topping	95%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	85%			2031	$152,700	5	$1,800	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$149,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Thermoplastic	5%			2042	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$107,500	5	$500	
Locally Mounted	10%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$71,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2027	$21,900	2		
LED	1%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$66,300	10	$9,500	
Exit, Service	50%			2027	$17,000	1		
Exterior Lighting								
Fluorescent	10%			2037	* *	10	$700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Front								
HID	10%			2032	$36,900	10		
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$29,700	1	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$40,800	2042	* *	1-3	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$24,500	
Conversion Equipment								
Steam Boiler	100%	Now	$34,400	2030	$688,600	1	$70,400	
Cracked, Extent : Severe, Area Affected : 10%								
Location : No.1 Unit Interior Bricks								
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : No.1 Boiler								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Oil Leaks At No.2 Burner.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Boilers Are At Or Approaching Their Useful Life Cycle Limit								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$12,700	2042	* *			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Obsolete Equipment, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Replacement Needed. Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2032	$297,300	1	$9,800	
Noisy/Vibrating, Extent : Severe, Area Affected : 3%								
Location : Bearing Of The Unit For Auditorium. Maintenance Issue.								
Convector/Radiator	80%	Now	$10,300	2030	$516,800	1	$18,400	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Control Valves, Various Locations.								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Window/Wall Unit	60%	0-2	$9,000	2027	$179,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout Classrooms And Office Spaces, Multiple Mechanical And Electrical Deficiencies								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$69,400	LIFE	* *	2-5	$44,100	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : The Louver In Boiler Room								
Exhaust Fans								
Interior	50%			2032	$175,200	2	$1,200	
Roof	50%			2032	$76,600	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$302,600	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2032	$382,000	4	$11,700	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	80%			2032	$12,700	4	$2,000	
Non-Submersible	20%			2037	* *	4	$500	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,100	
Chemical System								
Generic	100%			2030	$367,200	1-3	$364,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 96 - Q**		
Address	: **130-01 ROCKAWAY BLVD BTWN: 130 ST., 131 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q096**
Program / Asset #	: **BOE0747.000 / 1615**	**Yr Built/Renovated**	: **1915 / 2011**
Area Sq Ft	: **30,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11694** **Lot** : **27**	**BIN**	: **4253028**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$118,100	$118,100
Interior Architecture	$74,100	$489,500
Electrical	$261,500	$234,400
Mechanical		$617,600
Total	**$453,600**	**$1,459,600**
Importance Code A	$118,100	$118,100
Importance Code B	$261,500	$1,341,500
Importance Code C	$74,100	
Total	**$453,600**	**$1,459,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,300		$2,600	
Interior Architecture	$192,500			$2,300
Electrical	$16,500	$2,800	$2,900	$3,700
Mechanical	$26,000	$4,700	$6,600	$4,400
Site Enclosure	$50,300			
Site Pavements	$2,700			
Total	**$330,300**	**$7,500**	**$12,100**	**$10,400**
Importance Code A	$45,300	$3,000	$5,600	$3,000
Importance Code B	$178,200	$4,600	$6,500	$7,500
Importance Code C	$106,900			
Total	**$330,300**	**$7,500**	**$12,100**	**$10,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	9%			LIFE	* *	5	$103,600	
Masonry: Brick	90%			LIFE	* *	5	$132,600	
Metal Panel	1%			2053	* *	5-10	$5,100	
Windows								
Aluminum	100%	Now	$9,800	2049	* *	5	$5,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5-10	$4,500	
Masonry: Brick	92%			LIFE	* *	5-10	$33,000	
Pre-Cast Concrete	5%	4+	$1,100	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2038	* *	10	$27,100	
Metal Panel	5%			2046	* *	10	$2,600	
Interior								
Floors								
Asphalt Macadam	20%	Now	$22,200	2038	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridors And Stair Landings								
Wrinkling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *	5	$9,700	
Ceramic Tile	5%	0-2	$12,500	2042	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Toilets And Kitchen								
Marble Panels	3%			LIFE	* *	5	$2,000	
Vinyl Tile	40%	Now	$24,500	2033	$489,500	3	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	2%	Now	$23,500	2043	* *	3	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Playroom, B1 And B2								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Playroom, B1 And B2								
Wood	25%			2048	* *	5	$20,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$21,400	2042	* *	5	$3,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Toilets And Stairs								
Masonry: Brick	10%	Now	$74,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Water Main On Lincoln Street								
Plaster	80%			LIFE	* *	5-10	$52,900	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$13,800	
Plaster	75%			LIFE	* *	5-10	$57,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Classrooms Heating Pipe								
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$42,500	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Concrete Curb								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Along Lincoln Street								
Iron Picket	25%	Now	$7,700	2053	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : West Side								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%	0-2	$400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Concrete Steps At Rear Of Building								
Masonry: Granite	5%	4+	$500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Entry Steps Throughout								
Parking/Driveway								
Asphalt	60%			2036	* *			
Cast in Place Concrete	40%			2046	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	90%	4+	$1,600	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Rubber Matting	10%	Now	$200	2038	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2033	$11,300	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes								
Fused Disc Sw	25%			2033	$3,800	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$130,000	2063	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2033	$55,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$10,000	5	$100	
Fused Toggle Switch	2%	2-4	$2,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	15%			2049	* *	5	$100	
Molded Case Bkrs	73%			2032	$72,800	5	$600	
Wiring								
Braided Cloth	70%	2-4	$54,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	20%			2033	$15,400	1		
Motor Controllers								
Locally Mounted	30%			2046	* *	5	$100	
Locally Mounted	70%			2031	$50,200	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$27,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2028	$7,100	10		
Egress Lighting								
Emergency, Battery	10%			2038	* *	10	$700	
Emergency, Battery	40%			2028	$20,100	10	$2,900	
Exit, Service	30%			2028	$3,900	1		
Exit, Service	20%			2038	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$56,300	1	$11,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$77,400	2043	* *	1-3	$16,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Alarm Bells, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$29,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%	0-2	$12,000	2033	$24,000			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control System								
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Thermostats, Various Locations								
Steam Piping/Pump	90%			2033	$216,200			
Terminal Devices								
Air Handler	20%			2028	$112,900	1	$3,700	
Convector/Radiator	80%			2031	$196,300	1	$7,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$68,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$26,500	
Exhaust Fans								
Interior	20%			2028	$26,600	2	$200	
Roof	80%			2041	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One Temporary 120 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$6,000	4	$1,000	
Backflow Preventer								
Under Construction	50%							
Generic	50%			2038	* *	1	$900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$20,700	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 97 - BK**		
Address	: **1855 STILLWELL AVE. BTWN: 81 ST, 82 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K097**
Program / Asset #	: **BOE0410.000 / 15**	**Yr Built/Renovated**	: **1921 / 2010**
Area Sq Ft	: **78,459**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **6667** **Lot** : **24**	**BIN**	: **3177680**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$510,500	$258,800
Interior Architecture	$1,956,800	$61,200
Electrical	$139,700	$616,300
Mechanical	$1,732,600	$1,453,200
Total	**$4,339,600**	**$2,389,400**
Importance Code A	$920,800	$258,800
Importance Code B	$3,185,700	$2,130,700
Importance Code C	$233,100	
Total	**$4,339,600**	**$2,389,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$19,100		
Interior Architecture		$2,900		$9,500
Electrical	$28,300	$2,000	$2,100	$1,700
Mechanical	$71,800	$12,300	$17,800	$41,000
Site Enclosure	$21,500			
Site Pavements	$58,600			
Total	**$180,100**	**$36,400**	**$19,900**	**$52,200**
Importance Code A		$26,900	$7,800	$7,900
Importance Code B	$130,300	$9,500	$12,100	$44,300
Importance Code C	$49,800			
Total	**$180,100**	**$36,400**	**$19,900**	**$52,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$52,600	
Masonry: Brick	92%	4+	$510,500	LIFE	* *	5	$124,000	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Masonry: Brick	3%			LIFE	* *	5	$4,000	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Chimney Stacks								
Windows								
Aluminum	100%			2040	* *	5	$38,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,200	
Masonry: Brick Cavity	93%			LIFE	* *	5	$17,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,300	
Roof								
Modified Bitumen	100%			2040	* *	10	$78,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,800	
Ceramic Tile	5%			2035	* *	5	$5,900	
Marble Panels	5%			LIFE	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	30%	Now	$97,300	2027	$973,200	3	$13,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor Corridor And Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	35%	4+	$22,700	2037	* *	3	$15,400	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : 4th Floor Corridor								
Wood	15%	4+	$630,400	2072	* *	5	$16,500	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Classroom Floors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$52,400	2035	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Bathrooms And Stairwells								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	78%	Now	$180,700	LIFE	* *	5	$44,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,700	
Plaster	90%			LIFE	* *	5	$61,200	
Site Enclosure								
Fence/Gates								
Chain Link	60%	4+	$21,500	2052	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Stillwell Avenue								
Iron Picket	40%			2076	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Parking/Driveway								
Asphalt	100%	4+	$28,400	2041	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 20%								
Location : Side Parking Lot								
Activity Yard								
Asphalt	50%	4+	$13,800	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Yard								
Rubber Matting	50%	4+	$16,400	2037	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								
Explanation : Vegetation At Seams								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	20%			2031	$35,900	5	$400	
Fused Toggle Switch	15%	2-4	$26,900	2057	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Molded Case Bkrs	55%			2031	$98,800	5	$1,100	
Molded Case Bkrs	10%			2048	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	90%			2045	* *	5	$500	
Locally Mounted	10%			2030	$11,900	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$70,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$9,500	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	30%			2032	$109,800	10	$100	
No Component	70%							
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$14,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Auditorium, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$182,400	5	$24,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$410,300	2052	* *	1	$69,900	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Distribution								
Steam Piping/Pump	10%	0-2	$12,600	2042	* *			
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Various Location								
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : Thermostats, Various Locations								
Steam Piping/Pump	90%			2032	$565,500			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2027	$369,100	1	$12,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	50%			2030	$320,800	1	$12,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	25%			2027	$486,300	1	$6,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Window/Wall Unit	40%			2027	$118,900	1		
Window/Wall Unit	10%	0-2	$17,800	2032	$29,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2037	* *	1	$2,500	
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	10%			2037	* *	2	$5,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,800	
Exhaust Fans								
Interior	100%	0-2	$34,800	2027	$348,000	2	$1,900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$300,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2032	$17,100	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	5%	0-2	$2,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2027	$15,700	4	$1,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$54,300	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 97 - M (BARD H.S. EARLY COLLEGE)**		
Address	: **525 EAST HOUSTON STREET @ FDR DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M097**
Program / Asset #	: **BOE0055.000 / 1687**	**Yr Built/Renovated**	: **1915 / 2009**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5**		
Block	: **325** **Lot** : **25**	**BIN**	: **1004062**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$206,100	$118,800
Interior Architecture	$116,700	$885,400
Electrical	$398,000	$175,600
Mechanical	$1,101,800	$2,305,500
Site Pavements	$86,900	$1,737,500
Total	**$1,909,400**	**$5,222,800**
Importance Code A	$577,400	$118,800
Importance Code B	$1,267,600	$4,618,300
Importance Code C	$64,400	$485,700
Total	**$1,909,400**	**$5,222,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$900			
Interior Architecture	$48,800	$9,900	$10,400	
Electrical	$1,500	$48,400	$2,300	$1,300
Mechanical	$2,900	$9,600	$18,100	$9,600
Site Pavements	$16,800			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$75,900**	**$72,900**	**$35,800**	**$15,900**
Importance Code A	$900	$7,200	$7,000	$7,000
Importance Code B	$65,200	$65,700	$28,700	$8,900
Importance Code C	$9,700			
Total	**$75,900**	**$72,900**	**$35,800**	**$15,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 97 - M (BARD H.S. EARLY COLLEGE)
Asset # : 1687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$118,800	
Masonry: Limestone	25%			LIFE	* *	5	$29,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : Painted Surface								
Windows								
Aluminum	100%	Now	$143,100	2046	* *	5	$3,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$400	
Masonry: Brick	65%			LIFE	* *	5	$200	
Masonry: Limestone	5%	4+	$900	LIFE	* *	5		
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Coping								
Metal Security Bars	10%			2045	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$100	
Roof								
Built-Up (BUR)	100%			2035	* *	10	$63,000	
Ponding, Extent : Light, Area Affected : 10%								
Location : Along East Side Upper Roof								
Interior								
Floors								
Asphalt Poured	5%	Now	$11,400	2050	* *	5	$1,500	
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Stair Landings								
Wrinkling, Extent : Severe, Area Affected : 35%								
Location : Stair Landings								
Cast in Place Concrete	5%	4+	$10,400	LIFE	* *	5	$13,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$17,300	2033	$346,000	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets Throughout								
Marble Panels	5%			LIFE	* *	5	$4,600	
Quarry Tile	2%			2035	* *	5	$3,700	
Sheet Vinyl/Rubber	5%			2035	* *	5	$9,200	
Terrazzo	2%			LIFE	* *	5	$1,900	
Vinyl Tile	68%			2038	* *	3	$31,300	
Wood	3%			2045	* *	5	$6,900	

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DEPARTMENT OF EDUCATION - 040
P. S. 97 - M (BARD H.S. EARLY COLLEGE)
Asset # : 1687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$9,700	2033	$485,700	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Toilets Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,500	
Masonry: Brick	5%			LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement Mechanical Room								
Marble Panels	5%			LIFE	* *			
Plaster	75%	Now	$64,400	LIFE	* *	5	$39,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair C And D, Boys Restroom 5th Floor Through 2nd, Custodian Office								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C And D, Boys Restroom 5th Floor Through 2nd, Custodian Office								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$12,300	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,900	
Masonry: Infill Arch	5%			LIFE	* *			
Plaster	70%	Now	$52,300	LIFE	* *	5	$53,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair C And D, Boys Restroom 5th Floor Through 2nd, Custodian Office								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C And D, Boys Restroom 5th Floor Through 2nd, Custodian Office								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Around Play Yard								
Iron Picket	10%			2050	* *			
Free Standing Walls								
Masonry: Brick	100%			2040	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$16,800	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : North Side Of Baruch Place Along Mangin Street								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 97 - M (BARD H.S. EARLY COLLEGE)
Asset # : 1687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	Now	$86,900	2033	$1,737,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	60%			2030	$86,800	1		
Conduit	40%			2050	* *	1		
Panelboards								
Molded Case Bkrs	80%			2046	* *	5	$1,500	
Molded Case Bkrs	20%			2029	$35,900	5	$400	
Wiring								
Braided Cloth	50%	0-2	$99,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	50%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 97 - M (BARD H.S. EARLY COLLEGE)
Asset # : 1687

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	5%			2030	$52,900	10	$3,300	
LED	95%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors								
Explanation : A New LED Lighting System Was Installed In 2016.								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$8,600	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	90%			2025	$298,200	10	$200	
Incandescent	10%			2025	$38,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Entrance Door Only								
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$26,700	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 5,000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%	2-4	$371,300	2050	* *	1	$63,300	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room Was Submerged Under 5 Feet Of Water During Hurricane Sandy. Key Components Such As The Burner Control Panels Are Still In A State Of Disrepair								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								

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DEPARTMENT OF EDUCATION - 040
P. S. 97 - M (BARD H.S. EARLY COLLEGE)
Asset # : 1687

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	20%			2050	* *	4	$700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Relatively Newer Steam, Condensate Return Piping And Vacuum Pumping System Observed In Boiler Room								
Central Plant Steam Piping/Pmp	80%			2030	$1,597,200	4	$2,800	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	5%			2038	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement Fan Room								
Explanation : Serves The Gymnasium								
Air Handler	10%			2030	$133,600	1	$4,400	
Convector/Radiator	80%			2028	$464,500	1	$18,300	
Unit Heater - Steam	5%			2030	$20,200	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2025	$242,100	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Interior	20%			2035	* *	2	$400	
Roof	80%			2030	$110,200	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%	4+	$145,000	2043	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gallon Tank								
Sanitary Piping								
Cast Iron	100%	4+	$268,300	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
P. S. 97 - M (BARD H.S. EARLY COLLEGE)
Asset # : 1687

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	4+	$75,100	LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2030	$14,200	4	$1,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : Elevator Newly Installed								
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2040	* *	1-2	$200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 97 - Q**		
Address	: **85-52 85 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q097**
Program / Asset #	: **BOE0748.000 / 1616**	**Yr Built/Renovated**	: **1916 / 2014**
Area Sq Ft	: **90,585**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **8855** **Lot** : **20**	**BIN**	: **4181565**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,441,500	$255,400
Interior Architecture	$284,800	$8,521,000
Electrical	$316,500	$376,700
Mechanical	$250,800	$1,811,300
Total	**$2,293,600**	**$10,964,400**
Importance Code A	$1,441,500	$325,800
Importance Code B	$779,000	$10,638,600
Importance Code C	$73,100	
Total	**$2,293,600**	**$10,964,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,700		$5,300	$2,600
Interior Architecture	$139,700	$3,600		$13,900
Electrical	$27,300	$3,200	$13,900	$3,500
Mechanical	$85,600	$11,900	$56,500	$11,900
Site Enclosure	$13,500			
Site Pavements	$7,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$294,300**	**$22,700**	**$79,700**	**$35,800**
Importance Code A	$31,300	$7,800	$13,400	$10,500
Importance Code B	$220,500	$13,200	$66,300	$25,400
Importance Code C	$42,500	$1,600		
Total	**$294,300**	**$22,700**	**$79,700**	**$35,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$37,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 1916 Building								
Masonry: Brick	70%			LIFE	* *	5	$66,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 1916 Building								
Masonry: Brick Cavity	17%			LIFE	* *	5	$16,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2005 Building								
Explanation : 2005 Building								
Masonry: Limestone	2%			LIFE	* *	5	$1,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 1916 Building								
Metal Panel	3%			2031	$188,900	5-10	$19,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Bulkheads Of 1916 Building								
Pre-Cast Concrete	3%			LIFE	* *	5	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2005 Building								
Explanation : Window Sills And Horizontal Band								
Windows								
Aluminum	78%	Now	$217,600	2047	* *	5	$11,400	
Glazing Clouded, Extent : Severe, Area Affected : 40%								
Location : Throughout 1916 Building								
Aluminum	18%			2047	* *	5	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2005 Building								
Explanation : Windows								
Metal Louvers	3%			2040	* *	10	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1916 And 2005 Building								
Explanation : Metal Louvers								
Wood	1%	Now	$7,100	2056	* *	5	$1,500	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 1916 Building, Staff Bathrooms								

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DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	73%			LIFE	* *	5	$12,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 1916 Building								
Masonry: Brick	2%			LIFE	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2005 Building								
Explanation : Stair Bulkhead								
Metal Rail	5%			2044	* *	5-10	$15,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1916 Building								
Explanation : Above Auditorium Roof								
Pre-Cast Concrete	15%			LIFE	* *	5	$16,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1916 Building								
Pre-Cast Concrete	5%			LIFE	* *	5	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2005 Building								
Explanation : Copping								
Roof								
Single Ply Membrane	100%	Now	$1,223,800	2041	* *			1
Adhesion Failure, Extent : Moderate, Area Affected : 50%								
Location : 1916 And 2005 Roof								
Patching Evident, Extent : Severe, Area Affected : 15%								
Location : 1916 And 2005 Building								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Fourth Floor Corridor And Rooms 404, 409, 458								
Interior								
Floors								
Ceramic Tile	5%	Now	$19,100	2034	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 1916 Staff And Student Bathrooms								
Ceramic Tile	3%			2040	* *	5	$4,100	
Terrazzo	5%	4+	$31,700	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	Now	$41,200	2031	$2,060,000	3	$28,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 1916 Building								
Vinyl Tile 9" X 9"	27%	4+	$129,200	2031	$6,461,000	3	$13,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1916 Building								
Wood	5%			2059	* *	5	$12,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$5,800	2034	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1916 Building								
Ceramic Tile	3%			2040	* *	5	$3,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Gypsum Board	25%			LIFE	* *	5	$15,800	
Marble Panels	5%	Now	$18,600	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : 1916 Lobby At Base								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1916 Lobby								
Plaster	57%	2-4	$73,100	LIFE	* *	5	$18,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Fourth Floor Corridor								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Fourth Floor Corridor								
Ceilings								
AcousTile,Adhered	25%			2048	* *	5	$33,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Cafeteria, First Floor Corridor And Gymnasium								
AcousTileSusp.Lay-In	25%			2044	* *	5	$33,900	
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,100	
Gypsum Board	5%			LIFE	* *	5	$8,500	
Plaster	40%	Now	$82,500	LIFE	* *	5	$33,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Fourth Floor Corridor, 404, 409, 458								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Fourth Floor Corridor, 404, 409, 458								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Classroom 404 Of 1916 Building								
Explanation : Classroom 404 Is Uninhabitable								
Site Enclosure								
Fence/Gates								
Aluminum Picket	40%	Now	$4,200	2057	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Playground Fence At Base Separating Jungle Gymnasium From Activity Yard								
Aluminum Rail	20%			2044	* *	5-10	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2005 Building								
Explanation : Roof Railing								
Iron Picket	40%			2051	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	90%	Now	$1,900	2075	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 3%								
Location : 85th Drive Ramp From Sidewalk And At Jungle Gymnasium Fence Area								
Masonry: Fieldstone	10%	Now	$400	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : 85th Drive Ramp From Sidewalk								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : 85th Drive Ramp From Sidewalk								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$6,900	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 85th Drive Walkway								
Parking/Driveway								
Asphalt	100%			2044	* *			
Activity Yard								
Asphalt	85%			2044	* *			
Rubber Matting	15%	Now	$700	2036	* *			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Jungle Gymnasium Area								
Explanation : Fire Damaged Tiles								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	80%			2031	$161,400	1		
Conduit	20%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2030	$12,000	5	$100	
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Knife Sw	10%	2-4	$24,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	50%			2030	$119,700	5	$1,200	
Molded Case Bkrs	30%			2047	* *	5	$700	
Wiring								
Braided Cloth	80%	2-4	$233,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$500	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$83,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$10,900	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entrance, Hallways								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm.								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Basement, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2041	* *	1		
Interruptible Gas/Dual Fuel	75%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Furnace	20%			2031	$56,400	1	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 6 Package Units								
Furnace	5%	0-2	$7,000	2031	$14,100	1	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Enw Wing Roof								
Explanation : Mechanical And Electrical Defects								
Steam Boiler	75%			2036	* *	1	$67,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	75%			2031	$544,000			
No Component	25%							
Terminal Devices								
Air Handler	10%			2026	$170,500	1	$5,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement								
Explanation : 1 Abandoned Unit Remains								
Convector/Radiator	60%			2029	$444,400	1	$17,600	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2031	$380,500	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Units Supply Cold And Hot Forced Air								
Window/Wall Unit	10%	0-2	$10,300	2026	$34,300	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
No Component	65%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$19,900	LIFE	* *	2-5	$5,100	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Exhaust Fan Dampers, Main Roof								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Broken Duct Causing Water Leaks, Main Roofs								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$45,500	
Exhaust Fans								
Interior	20%			2026	$80,400	2	$600	
Roof	80%	0-2	$7,000	2031	$140,600	2	$1,800	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Roof								
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Old Wing Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%	0-2	$4,600	2029	$231,300	1		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : The Water Meter Does Not Work								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%	0-2	$22,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Cross Bay								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$5,400	
Backflow Preventer								
No Component	75%							
Generic	25%			2031	$10,100	1	$1,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								

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DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2041	* *	1-5	$11,400	
Sprinkler								
No Component	75%							
Generic	25%			2041	* *	1-2	$6,300	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 98 - M**				
Address	: **512 WEST 212 STREET BTWN BROADWAY - 1OTH AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M098**	
Program / Asset #	: **BOE0056.000 / 1712**		**Yr Built/Renovated**	: **1924 / 2008**	
Area Sq Ft	: **91,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **18-Nov-2021**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **2229**	**Lot** : **12**	**BIN**	: **1064871**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,241,600	$195,400
Interior Architecture	$1,753,300	$2,953,100
Electrical		$3,096,400
Mechanical	$255,900	$1,737,800
Site Enclosure	$131,600	
Site Pavements	$104,300	
Total	**$3,486,700**	**$7,982,800**
Importance Code A	$1,241,600	$195,400
Importance Code B	$1,480,400	$7,722,700
Importance Code C	$764,700	$64,600
Total	**$3,486,700**	**$7,982,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,900		$3,700	
Interior Architecture	$76,700		$5,100	$25,200
Electrical	$19,500	$14,800	$17,600	$17,700
Mechanical	$97,900	$32,000	$31,300	$38,200
Site Enclosure	$15,100			
Site Pavements	$62,500			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$366,600**	**$51,700**	**$62,600**	**$86,000**
Importance Code A	$98,900	$9,000	$12,700	$9,000
Importance Code B	$181,600	$42,700	$49,900	$68,000
Importance Code C	$86,000			$9,000
Total	**$366,600**	**$51,700**	**$62,600**	**$86,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$118,300	
Masonry: Brick	90%	Now	$1,122,200	LIFE	* *	5	$136,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads, South Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, South Facade, Foundation, Shaft Roof								
Masonry: Granite	5%			LIFE	* *	5	$11,400	
Windows								
Aluminum	100%	0-2	$45,300	2049	* *	5	$9,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$15,900	
Masonry: Brick	92%			LIFE	* *	5-10	$70,600	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Interior Face								
Metal Rail	3%			2046	* *	5-10	$6,100	
Roof								
Built-Up (BUR)	75%	Now	$27,300	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Boys Toilet Room								
Modified Bitumen	25%			2041	* *	10	$15,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout Basement								
Ceramic Tile	5%			2042	* *	5	$6,800	
Quarry Tile	5%			2046	* *	5	$10,200	
Terrazzo	5%	0-2	$63,700	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	75%	Now	$282,500	2033	$2,824,600	3	$38,300	
Adhesion Failure, Extent : Severe, Area Affected : 25%								
Location : Rooms 404, 414 And Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Rooms 404, 414								
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Wood	5%			2048	* *	5	$12,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$136,400	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Storage Area, Gasoline Meter Room In Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Storage Area, Gasoline Meter Room In Basement								
Ceramic Tile	5%			2042	* *	5	$17,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$28,700	
Gypsum Board	2%			LIFE	* *	5-10	$12,200	
Masonry: Brick	10%			LIFE	* *	10	$10,800	
Marble Panels	5%			LIFE	* *	10	$7,200	
Plaster	60%	Now	$524,000	LIFE	* *	5	$64,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C At First Floor								
SGFT/Glazed Masonry	3%			LIFE	* *	10	$5,400	
Ceilings								
AcousTileSusp.Lay-In	5%	2-4	$10,600	2046	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Concrete	13%	Now	$124,500	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gasoline Meter Room, Basement Restroom								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gasoline Meter Room, Basement Restroom								
Gypsum Board	2%			LIFE	* *	5-10	$8,800	
Plaster	80%	Now	$622,200	LIFE	* *	5	$63,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout, 4th Floor Classroom								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout, 4th Floor Classroom								
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$15,100	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Explanation : Gate Hinges Are Broken								
Iron Picket	25%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2043	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Concrete Masonry Unit	100%	Now	$131,600	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : North East Corner								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$25,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Steps								
Parking/Driveway								
Asphalt	100%	Now	$104,300	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	85%	Now	$37,100	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	15%			2033	$19,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	100%			2033	$201,800	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	90%			2032	$215,500	5	$2,200	
Wiring								
Thermoplastic	100%			2033	$291,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$28,000	
Generators								
Diesel	100%			2029	$138,700	1	$35,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 100 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,400	
Fuel Storage								
Main Tank	100%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$1,329,400	10	$81,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	60%			2033	$33,600	1		
Exit, Service	40%			2033	$15,700	1		
Exterior Lighting								
HID	20%			2033	$84,900	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$170,800	1	$34,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$234,700	1-3	$57,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 6,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$90,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$255,900	2053	* *	4	$4,500	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Corroded Boiler Blowdown Piping And Storage Tank								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In The Basement.								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2033	$342,500	1	$11,300	
Convector/Radiator	80%			2031	$595,300	1	$23,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	25%			2028	$86,200	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$56,200	
No Component	30%							
Exhaust Fans								
Interior	30%			2033	$121,100	2	$800	
Roof	40%			2033	$70,600	2	$1,100	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2053	* *	1		
Galvanized Steel	30%			2031	$348,500	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Storage Tanks Connected To Instantaneous Gasoline Fired Water Heater								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$18,200	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2033	$47,600	4	$5,400	
Backflow Preventer								
Generic	100%	Now	$40,600	2043	* *	1	$5,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : It Is Not Working								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit Serves Basement To First Floor And One Unit Serves Basement To Fifth Floor								
Explanation : One Hydraulic Passenger Elevator, One Electric Hoist Basement On Mezzanine In The Kitchen								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$45,900	
Sprinkler								
Generic	100%			2043	* *	1-2	$25,500	
Fire Pump								
Generic	100%			2036	* *	1	$17,000	
Chemical System								
Generic	100%			2028	$122,400	1-3	$121,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System Covers 30 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 98 - M MINISCHOOL**			
Address	:	**512 WEST 212 STREET BTWN BROADWAY - 10TH AVE.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M845**
Program / Asset #	:	**BOE0056.010 / 693**	**Yr Built/Renovated**	:	**1985 / 2008**
Area Sq Ft	:	**7,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**18-Nov-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**2229** **Lot** : **12**	**BIN**	:	**1064871**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$51,000	
Interior Architecture		$320,400
Electrical		$228,000
Mechanical	$206,500	$114,100
Total	**$257,500**	**$662,500**
Importance Code A	$51,000	
Importance Code B	$206,500	$662,500
Total	**$257,500**	**$662,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,600			
Interior Architecture	$41,900		$800	$1,500
Electrical	$8,200	$700	$700	$900
Mechanical	$31,200	$700	$1,600	$700
Site Pavements	$24,200			
Total	**$142,200**	**$1,400**	**$3,000**	**$3,100**
Importance Code A	$37,000	$300	$300	$300
Importance Code B	$60,800	$1,000	$2,200	$2,700
Importance Code C	$44,400		$500	
Total	**$142,200**	**$1,400**	**$3,000**	**$3,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M MINISCHOOL

Asset # : 693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	2-4	$51,000	2043	* *	5	$28,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : North East And North West Corners								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : North East Corner								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : All Facades								
Windows								
Aluminum	100%			2049	* *	5	$1,300	
Roof								
Metal Panel	100%	Now	$36,000	2038	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Classrooms And Corridor								
Soffits								
Metal Panel	100%			2043	* *	5-10	$12,100	
Interior								
Floors								
Ceramic Tile	5%			2036	* *	5	$600	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Vestibule								
Vinyl Tile	95%			2033	$320,400	3	$5,800	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$1,000	
Gypsum Board	95%			LIFE	* *	5-10	$31,200	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$20,300	2038	* *	5	$6,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Classrooms								
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Site Pavements								
On-Site Walkways								
Asphalt	80%	Now	$24,200	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	20%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M MINISCHOOL

Asset # : 693

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$52,000	5		
Molded Case Bkrs	20%			2033	$13,000	5		
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2032	$1,500	5		
Molded Case Bkrs	95%			2032	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	$104,300	10	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2028	$5,900	10	$800	
Exit, Service	50%			2028	$1,500	1		
Exterior Lighting								
HID	20%			2028	$6,500	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$13,100	1	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$18,100	1-3	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fed From The Main Fire Alarm Panel At The Main School Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M MINISCHOOL

Asset # : 693

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2033	$21,800	1	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Distribution								
Ductwork/Diffusers	100%	0-2	$206,500	LIFE	* *	2-5	$3,900	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : 1st Floor Ceiling. Defective Damper Preventing Balanced Heat Circulation.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2031	$114,100	2	$400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$30,700	LIFE	* *	2-5	$3,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Ceiling. Defective Damper.								
Exhaust Fans								
Interior	100%			2033	$31,000	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2043	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 98 - Q**		
Address	: **40-20 235 STREET BTWN: 40 AVE., 41 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q098**
Program / Asset #	: **BOE0749.000 / 1617**	**Yr Built/Renovated**	: **1931 / 2002**
Area Sq Ft	: **37,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8082** **Lot** : **285**	**BIN**	: **4168629**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$112,200	$111,000
Interior Architecture	$1,025,200	$227,500
Electrical	$57,900	$736,800
Mechanical	$313,400	$338,200
Total	**$1,508,700**	**$1,413,600**
Importance Code A	$112,200	$111,000
Importance Code B	$1,340,500	$1,302,500
Importance Code C	$56,000	
Total	**$1,508,700**	**$1,413,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,800	$2,900		
Interior Architecture	$22,200	$14,600	$700	$1,000
Electrical	$69,200	$61,100	$1,100	$1,200
Mechanical	$21,200	$22,500	$8,900	$5,400
Site Enclosure	$33,000			
Site Pavements	$5,300			
Total	**$175,800**	**$101,000**	**$10,700**	**$7,700**
Importance Code A	$28,500	$6,700	$3,700	$3,700
Importance Code B	$141,900	$94,400	$7,000	$4,000
Importance Code C	$5,300			
Total	**$175,800**	**$101,000**	**$10,700**	**$7,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$48,300	
Masonry: Brick	10%	2-4	$24,800	LIFE	* *	5	$6,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Southeast Exit								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Southeast Exit								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank Room, Room B53a								
Masonry: Limestone	7%			LIFE	* *	5	$3,200	
Granite Panels	3%			LIFE	* *	5	$1,400	
Windows								
Wood	100%			2046	* *	5	$113,500	
Parapets								
Masonry: Limestone	100%	4+	$55,400	LIFE	* *	5	$7,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 60%								
Location : Coping Stones And Entablature								
Roof								
Built-Up (BUR)	10%			2035	* *	10	$2,900	
Slate	90%			LIFE	* *			
Interior								
Floors								
Asphalt Poured	20%	4+	$20,300	2050	* *	5	$2,700	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Corridor, Basement								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Corridor								
Cast in Place Concrete	10%			LIFE	* *	5	$12,000	
Ceramic Tile	3%			2039	* *	5	$1,600	
Terrazzo	5%			LIFE	* *	5	$2,100	
Vinyl Tile	10%			2038	* *	3	$2,100	
Vinyl Tile	15%			2030	$227,500	3	$4,100	
Vinyl Tile 9" X 9"	10%			2025	$969,200	3	$2,100	
Wood	27%			2045	* *	5	$27,800	
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$4,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,000	
Masonry: Brick	15%	4+	$56,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$20,600	
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$900	
Plaster	90%			LIFE	* *	5	$30,900	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2065	* *			
Retaining Walls								
Cast in Place Concrete	70%	0-2	$33,000	2065	* *			
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : Playground Area								
Masonry: Brick	30%			2056	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	25%			2039	* *			
Cast in Place Concrete	65%	2-4	$5,300	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Walkways								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	80%			2039	* *			
Cast in Place Concrete	20%			2043	* *			
Activity Yard								
Asphalt	90%			2039	* *			
Pavers/Stone	8%			2039	* *			
Rubber Matting	2%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2030	$91,000	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Fused Disc Sw	30%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Raceway								
Conduit	85%			2030	$52,000	1		
Conduit	15%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2046	* *	5		
Fused Knife Sw	40%	2-4	$39,900	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	5%			2046	* *	5		
Molded Case Bkrs	50%			2029	$49,900	5	$500	
Wiring								
Braided Cloth	75%	2-4	$57,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$200	
Locally Mounted	20%			2028	$14,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	$529,500	10	$32,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2030	$8,800	10		
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$4,500	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	20%			2025	$34,500	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$20,800	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$28,600	2040	* *	1-3	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$36,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$5,900	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump And Steam Pipe On Top Of Water Heater, Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Thermostats, Gymnasium And Various Locations								
Terminal Devices								
Air Handler	25%	0-2	$3,500	2030	$174,100	1	$5,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Leaks, Auditorium Unit								
Convector/Radiator	50%	0-2	$3,000	2035	* *	1	$5,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Fan Coil Unit/Heat	25%	0-2	$4,600	2025	$229,300	1	$2,700	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2025	$84,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,600	
Exhaust Fans								
Interior	100%			2030	$164,100	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$7,400	4	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2035	* *	1	$2,300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$25,600	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 99 - BK**		
Address	: **1120 EAST 10 STREET @ AVENUE K**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K099**
Program / Asset #	: **BOE0411.000 / 1373**	**Yr Built/Renovated**	: **1914 / 2000**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **6535** **Lot** : **11**	**BIN**	: **3171478**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$147,000	$256,200
Interior Architecture	$8,906,700	$67,500
Electrical	$433,300	$620,800
Mechanical		$654,900
Total	**$9,486,900**	**$1,599,400**
Importance Code A	$147,000	$256,200
Importance Code B	$9,271,200	$1,343,100
Importance Code C	$68,700	
Total	**$9,486,900**	**$1,599,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,600			
Interior Architecture	$55,600		$24,900	$8,400
Electrical	$1,600	$2,400	$28,700	$1,300
Mechanical	$89,700	$10,900	$31,200	$11,700
Site Pavements				
Total	**$175,500**	**$13,300**	**$84,900**	**$21,500**
Importance Code A	$36,400	$7,800	$8,000	$7,800
Importance Code B	$130,200	$5,400	$76,900	$13,700
Importance Code C	$8,800			
Total	**$175,500**	**$13,300**	**$84,900**	**$21,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$61,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout Elevations								
Masonry: Brick	83%			LIFE	* *	5	$131,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout Elevations								
Masonry: Brownstone	2%	Now	$147,000	LIFE	* *	5	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout Building Base								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Throughout Building Base								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Base								
Explanation : This Is Actually Bluestone								
Masonry: Limestone	10%			LIFE	* *	5	$11,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Building Base								
Windows								
Aluminum	100%	Now	$28,600	2047	* *	5	$3,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Rail	5%			2048	* *	5-10	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Parapets Facing Courtyard								
Roof								
Modified Bitumen	100%			2039	* *	10	$63,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,400	
Ceramic Tile	5%			2034	* *	5	$6,100	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Bathrooms								
Marble Panels	5%			LIFE	* *	5	$4,600	
Quarry Tile	5%			2044	* *	5	$9,200	
Traffic Topping	10%			2036	* *	5	$15,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : This Is Actually A Fluid Applied Monolithic Floor Finish System								
Vinyl Tile	15%			2036	* *	3	$9,200	
Vinyl Tile 9" X 9"	40%	Now	$173,300	2026	$8,664,600	3	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Throughout Various Corridors And Classrooms								
Wood	15%			2046	* *	5	$34,500	
Interior Walls								
Ceramic Tile	10%			2034	* *	5	$17,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	80%	Now	$68,700	LIFE	* *	5	$42,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	10%	Now	$36,800	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			LIFE	* *	5	$3,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Plaster	88%			LIFE	* *	5	$67,500	
Site Enclosure								
Fence/Gates								
Chain Link	85%			2051	* *			
Iron Picket	15%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Panel/Paver: Bluestone	10%			LIFE	* *	5		
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	50%			2040	* *			
Cast in Place Concrete	45%			2044	* *			
Rubber Matting	5%			2031	$21,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	100%			2031	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	90%			2030	$161,700	5	$1,900	
Wiring								
Braided Cloth	80%	2-4	$159,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2031	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Ground Bar Observed								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$72,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2026	$66,300	10	$9,500	
Exit, Service	50%			2026	$17,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2026	$73,700	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$61,100	1-3	$14,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank - 6,600 Gallons								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,700	2041	* *			
Steam Traps Faulty, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Terminal Devices								
Air Handler	10%	Now	$14,900	2031	$148,700	1	$4,400	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Fan Room								
Convector/Radiator	75%	Now	$48,500	2036	* *	1	$17,200	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Control Valves At Radiators Throughout								
Fan Coil Unit/Heat	15%			2031	$293,800	1	$3,800	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit For Computer Room								
No Component	10%							
Under Construction	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$22,000	
No Component	50%							
Exhaust Fans								
Interior	30%			2031	$105,100	2	$700	
Roof	70%	Now	$5,400	2031	$107,300	2	$1,400	
Broken, Extent : Severe, Area Affected : 25%								
Location : 3 Of 13 Units On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$15,800	4	$1,700	
Backflow Preventer								
No Component	80%							
Generic	20%			2036	* *	1	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : For Boilers								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 99 - Q**		
Address	: **82-37 KEW GARDENS ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q099**
Program / Asset #	: **BOE0750.000 / 668**	**Yr Built/Renovated**	: **1924 / 2015**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **3360** **Lot** : **1**	**BIN**	: **4080168**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,547,500	$455,400
Interior Architecture	$235,900	$2,853,800
Electrical	$135,600	$403,800
Mechanical	$1,132,800	$1,858,400
Total	**$3,051,800**	**$5,571,300**
Importance Code A	$1,547,500	$995,800
Importance Code B	$1,439,300	$4,575,600
Importance Code C	$65,000	
Total	**$3,051,800**	**$5,571,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,000		$21,000	
Interior Architecture	$122,300	$3,700	$6,900	$9,200
Electrical	$1,900	$2,700	$9,500	$1,900
Mechanical	$53,700	$10,500	$142,200	$10,300
Site Enclosure	$3,100			
Site Pavements	$2,600			
Total	**$217,700**	**$16,900**	**$179,700**	**$21,400**
Importance Code A	$40,200	$6,100	$27,300	$6,100
Importance Code B	$137,900	$10,800	$152,300	$15,300
Importance Code C	$39,600			
Total	**$217,700**	**$16,900**	**$179,700**	**$21,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast in Place Concrete	5%			LIFE	* *		5	$21,900	
Other Observation, Extent : Light, Area Affected : 50%									
Location : Throughout									
Explanation : Scaffold And Mesh For Parapet Work									
Cast Stone/Terra Cotta	5%			LIFE	* *		5	$34,300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Scaffold And Mesh For Parapet Work									
Masonry: Brick	58%			LIFE	* *		5	$50,900	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%									
Location : Scaffold And Mesh For Parapet Work Throughout									
Masonry: Brick Cavity	20%			LIFE	* *		5	$17,500	
Masonry: Granite	2%			LIFE	* *		5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Scaffold And Mesh For Parapet Work									
Masonry: Limestone	5%			LIFE	* *		5	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%									
Location : Throughout									
Explanation : Scaffold And Mesh For Parapet Work									
Stucco Cement	5%	Now	$24,800	2044	* *		5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Mechanical Penthouse									
Staining/Discoloring, Extent : Severe, Area Affected : 5%									
Location : Rust Stains At Window Openings									
Worn/Eroded, Extent : Moderate, Area Affected : 20%									
Location : All Facades									
Windows									
Aluminum	100%	Now	$1,547,500	2056	* *		5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Worn/Eroded, Extent : Severe, Area Affected : 100%									
Location : Throughout									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast in Place Concrete	25%	4+	$7,100	LIFE	* *	5	$41,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Above Main Entry								
Masonry: Brick	60%			LIFE	* *	5	$9,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Metal: Cage/Fence	10%			2036	* *	5-10	$12,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$5,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	50%			2031	$404,500	10	$34,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Cast in Place Concrete	30%			LIFE	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Over Cafeteria								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Playground Roof								
Explanation : Swing Space For Construction Work								
Modified Bitumen	20%			2036	* *	10	$13,900	
Ponding, Extent : Light, Area Affected : 5%								
Location : 1974 Roof								
Other Observation, Extent : Light, Area Affected : 10%								
Location : 1974 Roof								
Explanation : Swing Space For Residential Building Construction								
Soffits								
Cast in Place Concrete	100%	2-4	$2,100	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Portico To Rooftop Playground								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$25,800	
Ceramic Tile	5%	Now	$20,800	2034	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : All Bathrooms								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : All Bathrooms								
Quarry Tile	2%	2-4	$10,900	2036	* *	5	$2,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Terrazzo	10%	4+	$69,000	LIFE	* *	5	$11,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2031	$815,400	3	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1974 Building								
Explanation : Vinyl Tile								
Vinyl Tile	50%	Now	$101,900	2031	$2,038,400	3	$27,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Corridors And Classrooms In 1924 Building								
Uneven Substrate, Extent : Severe, Area Affected : 15%								
Location : Corridors At First Floor								
Wood	5%			2066	* *	5	$13,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasuim, Replaced 2019								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$7,300	2040	* *	5	$1,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Girls Bathroom In Basement								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Student Bathrooms								
Ceramic Tile	2%	Now	$9,800	2034	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Staff Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Staff Bathrooms								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : First Floor								
Explanation : Two Bathrooms Are Out Of Service Due To Fixture And Age Problems								
Concrete Masonry Unit	10%	Now	$16,700	LIFE	* *	5	$3,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Mechanical Room And At Exit 14								
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Near Exit 14								
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	60%	Now	$65,000	LIFE	* *	5	$16,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Exit 14								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors In 1924 Building And Exit 14								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Exit 14								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Exit 14								
SGFT/Glazed Masonry	5%			LIFE	* *			
Wood	5%			LIFE	* *	5	$17,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$11,900	2044	* *	5	$9,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Space Near Gymnasium Entrance And Exit 14								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Space Near Gymnasium Entrance								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Space Near Gymnasium Entrance								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Space Near Gymnasium Entrance								
Exposed Struc: Concrete	30%			LIFE	* *	5	$6,900	
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1924 Building Mechanical Rooms								
Explanation : Insulation Over Concrete Slab								
Metal Panel	10%			LIFE	* *	5	$18,400	
Plaster	50%	Now	$44,900	LIFE	* *	5	$46,100	
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Exit 14								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Exit 14								
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%			2044	* *	5-10	$5,200	
Iron Picket	10%			2066	* *			
Under Construction	85%							
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Under Construction	100%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%			2036	* *			
Under Construction	50%							
On-Site Walkways								
Cast in Place Concrete	50%	Now	$2,600	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Steps And Exit Walkways								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Fourth Grade Dismissal Exit Steps And Walkway								
Under Construction	50%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	80%			2031	$115,700	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$9,000	5	$100	
Fused Disc Sw	10%			2047	* *	5	$100	
Molded Case Bkrs	75%			2030	$134,700	5	$1,200	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	40%	2-4	$79,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2041	* *	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$300	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$54,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : Compact Fluorescent Lights								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$7,500	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$57,900	10		
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$34,900	1	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$48,000	1-3	$11,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$19,200	
Conversion Equipment								
Steam Boiler	100%			2029	$540,400	1	$61,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$24,800	2031	$496,500			
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Various Locations								
Terminal Devices								
Air Handler	50%	0-2	$58,300	2026	$583,400	1	$17,300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Convector/Radiator	40%			2029	$202,800	1	$8,000	
Fan Coil Unit/Heat	10%			2026	$153,700	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2031	$137,200	1	$4,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Refrigeration Room								
Window/Wall Unit	10%	0-2	$4,700	2026	$23,500	1		
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
No Component	75%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%			2041	* *	4	$700	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%	Now	$2,300	2026	$45,100	1	$5,200	
Damaged, Extent : Severe, Area Affected : 5%								
Location : The Coil, Basement Fan Room								
No Component	85%							
Heat Rejection								
Water Cooling Tower	15%			2032	$11,700	2	$9,400	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$34,600	
Exhaust Fans								
Interior	90%			2026	$247,500	2	$1,700	
Roof	10%	0-2	$12,000	2041	* *	2	$200	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$395,800	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$89,900	2061	* *	4	$6,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Inefficient Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2026	$12,400	4	$1,300	
Sewage Ejector(s)								
Electric	100%			2026	$32,500	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$85,700	1-2	$1,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / I. S. 163 - BK P.S. 370**		
Address	: **109 BAY 14 STREET BTWN BATH AVE. - BENSON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K163**
Program / Asset #	: **BOE1123.000 / 14657**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **105,375**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **6399** **Lot** : **26**	**BIN**	: **3392297**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$329,600	$205,400
Interior Architecture	$190,400	$235,300
Mechanical		$163,200
Total	**$520,000**	**$603,900**
Importance Code A	$329,600	$205,400
Importance Code B	$190,400	$292,600
Importance Code C		$105,900
Total	**$520,000**	**$603,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$160,800	$1,600	$1,100	
Interior Architecture	$130,600	$5,800	$50,800	$13,800
Electrical	$22,000	$17,200	$19,800	$19,600
Mechanical	$59,400	$36,700	$36,500	$24,300
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$387,600**	**$76,100**	**$122,900**	**$72,500**
Importance Code A	$166,000	$6,800	$6,400	$5,200
Importance Code B	$132,100	$65,800	$82,100	$67,300
Importance Code C	$89,400	$3,400	$34,500	
Total	**$387,600**	**$76,100**	**$122,900**	**$72,500**

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 163 - BK P.S. 370

Asset # : 14657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	4%			LIFE	* *	5	$30,400	
Glass Block	1%			LIFE	* *	5	$1,500	
Masonry: Brick	5%	Now	$72,700	LIFE	* *	5	$6,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Around Windows Along 17th Avenue								
Masonry: Brick	80%			LIFE	* *	5	$194,800	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$45,700	
Windows								
Aluminum	99%	Now	$43,300	2055	* *	5	$9,100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Bay Window								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bay Windows Along 17th Avenue								
Metal Louvers	1%			2046	* *	10	$1,100	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$203,800	
Cast Stone/Terra Cotta	9%			LIFE	* *	5-10	$56,000	
Masonry: Brick	45%			LIFE	* *	5-10	$67,500	
Metal Rail	1%			2050	* *	5-10	$4,000	
Roof								
IRMA/Protected Membrane	5%	4+	$8,400	2038	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
IRMA/Protected Membrane	75%			2038	* *	10	$42,800	
Traffic Topping	20%	Now	$29,500	2041	* *			
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Rooftop Playground								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooftop Playground								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 5%								
Location : Rooftop Playground								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Rooftop Playground								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Play Area Into Auditorium								
Soffits								
Metal Panel	100%			2059	* *	5-10		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 163 - BK P.S. 370

Asset # : 14657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	3%			2034	* *	3	$7,100	
Cast in Place Concrete	7%	Now	$18,800	LIFE	* *	5	$24,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Staircase C Bulkhead								
Ceramic Tile	5%			2046	* *	5	$7,900	
Terrazzo	5%			LIFE	* *	5	$12,300	
Traffic Topping	5%			2041	* *	5	$9,900	
Vinyl Tile	70%	Now	$61,000	2041	* *	3	$41,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stairs								
Wood	5%			2061	* *	5	$14,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$34,500	
Ceramic Tile	25%			2046	* *	5	$69,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$11,000	
Folding Partition	1%			2055	* *	5	$6,900	
Gypsum Board	64%	Now	$49,400	LIFE	* *	5	$105,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Ceilings								
AcousTileConcealSpLn	80%			2050	* *	5	$138,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$13,800	
Fiber Board	5%			2041	* *			
Gypsum Board	5%	Now	$2,400	LIFE	* *	5	$8,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Wood	5%			LIFE	* *	5	$120,700	
Site Enclosure								
Fence/Gates								
Aluminum Picket	55%			2059	* *			
Chain Link	35%			2059	* *			
Masonry: Brick	10%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Parking/Driveway								
Asphalt	100%			2046	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 163 - BK P.S. 370

Asset # : 14657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Rubber Matting	50%			2038	* *			
Traffic Topping	50%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2049	* *	5	$400	
Molded Case Bkrs	85%			2049	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$32,400	
Generators								
Diesel	100%			2042	* *	1	$40,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 350 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,900	

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 163 - BK P.S. 370

Asset # : 14657

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Battery	50%			2038	* *	10	$3,600	
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$600	
Alarm								
Security System								
Generic	100%			2038	* *	1	$39,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$64,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 163 - BK P.S. 370

Asset # : 14657

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	80%			2038	* *	1	$41,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Package Units								
Hot Water Boiler	20%			2046	* *	1	$10,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2055	* *	4	$1,000	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2046	* *	1	$6,800	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2038	* *	2	$5,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Package Units, R410a Refrigerant								
Split Unit	10%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 10 Units On Roof								
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$3,400	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$7,300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$93,000	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 163 - BK P.S. 370

Asset # : 14657

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	5%			2031	$2,400	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Equipment Room								
Explanation : One 5 Gallon Unit								
Gas Fired	95%			2031	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Equipment Room								
Explanation : 1 Tankless Unit With One 150 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,200	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$4,200	
Backflow Preventer								
Generic	100%			2041	* *	1	$6,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Basement To 5th Floor								
Explanation : 2 Units. Controller Of No.2 Unit Is Under Repair								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement To 1st Floor								
Explanation : 1 Unit. Under Repair								
Fire Suppression								
Sprinkler								
Generic	100%			2059	* *	1-2	$29,500	
Fire Pump								
Generic	100%			2042	* *	1	$19,700	
Chemical System								
Generic	100%			2031	$163,200	1-3	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 40 Square Feet In Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / I. S. 189 - BX**				
Address	: **3441 STEENWICK AVENUE @REEDS MILL LA.**				
Borough	: **BRONX**			**Agency's Number**	: **X189**
Program / Asset #	: **BOE1051.000 / 14264**			**Yr Built/Renovated**	: **2007 /**
Area Sq Ft	: **119,403**			**Project Type**	: **EDUCATION**
Date of Survey	: **09-Mar-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,3,4**				
Block	: **5263**	**Lot**	: **115**	**BIN**	: **2115403**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$222,200	$2,979,400
Interior Architecture	$352,100	$4,471,000
Electrical		$2,471,700
Mechanical	$98,300	$3,902,100
Site Enclosure	$66,000	
Site Pavements		$100,100
Total	**$738,500**	**$13,924,300**
Importance Code A	$222,200	$2,979,400
Importance Code B	$380,100	$10,870,600
Importance Code C	$136,300	$74,300
Total	**$738,500**	**$13,924,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$171,900		$20,100	
Interior Architecture	$134,100		$47,100	$17,400
Electrical	$25,600	$19,400	$23,500	$21,700
Mechanical	$118,000	$72,000	$89,900	$39,600
Site Enclosure	$6,000			
Site Pavements	$5,400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$469,000**	**$99,400**	**$188,400**	**$86,600**
Importance Code A	$178,800	$4,700	$27,000	$4,700
Importance Code B	$230,900	$94,600	$118,700	$81,900
Importance Code C	$59,300		$42,600	
Total	**$469,000**	**$99,400**	**$188,400**	**$86,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 189 - BX

Asset # : 14264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	10%			LIFE	* *	5	$15,800	
Masonry: Brick	65%			LIFE	* *	5	$164,100	
Metal Panel	15%			2043	* *	5-10	$130,100	
Window Wall	10%	Now	$38,300	2043	* *	5	$23,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : First And Third Floor, Wind Driven Rain, 3rd Floor Corridor								
Windows								
Aluminum	80%			2041	* *	5	$20,700	
Fiberglass Panel	20%			2041	* *	5	$19,400	
Parapets								
Masonry: Brick	43%			LIFE	* *	5-10	$50,000	
Metal Rail	15%	0-2	$34,200	2038	* *	5	$18,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Pitch Pockets, Galvanic Action								
Pre-Cast Concrete	5%			LIFE	* *	5	$10,700	
Stucco Cement	37%	Now	$38,800	2038	* *	5	$8,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Interior Parapet Bases Throughout								
Explanation : Base Trim Corroding								
Roof								
IRMA/Protected Membrane	100%	Now	$140,100	2033	$2,802,700			
Drains Clogged, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Soffits								
Cast in Place Concrete	20%			LIFE	* *	5	$9,300	
Metal Panel	80%			2043	* *	5-10	$25,500	
Interior								
Floors								
Carpet	2%			2029	$63,200	3	$7,100	
Cast in Place Concrete	5%	4+	$15,200	LIFE	* *	5	$19,500	
Worn/Eroded, Extent : Light, Area Affected : 2%								
Location : Stair A								
Ceramic Tile	5%			2036	* *	5	$8,900	
Poured Epoxy/Resin	5%			2028	$500,600			
Quarry Tile	5%			2038	* *	5	$13,400	
Sheet Vinyl/Rubber	3%			2033	$350,800	5	$8,000	
Vinyl Tile	70%			2033	$3,456,000	3	$62,500	
Wood	5%			2048	* *	5	$16,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 189 - BX

Asset # : 14264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	20%			2036	* *	5	$61,900	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Concrete Masonry Unit	30%			LIFE	* *	5	$74,300	
Fiberglass Panel	5%	Now	$13,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Handrails Not Attached To Wall								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Tectum Panels								
Folding Partition	3%			2041	* *	5	$23,200	
Gypsum Board	40%			LIFE	* *	5-10	$210,600	
Metal Panel	2%			LIFE	* *	10	$2,800	
Ceilings								
AcousTileSusp.Lay-In	40%	Now	$59,400	2038	* *	5	$35,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor								
Exposed Struc: Steel	10%			LIFE	* *	10	$35,700	
Gypsum Board	40%			LIFE	* *	5-10	$245,700	
Metal Panel	10%	Now	$11,800	LIFE	* *	5	$22,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2043	* *			
Iron Picket	75%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Handball Play Yard								
Explanation : Location Noted								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 189 - BX

Asset # : 14264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	75%	Now	$66,000	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West Play Yard								
Concrete Masonry Unit	25%	0-2	$6,000	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : West Property Line								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 2%								
Location : Adjacent Main Entrance								
Explanation : Recent Repair Evident								
On-Site Walkways								
Asphalt	40%	0-2	$1,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Gate To Rear Play Yard								
Cast in Place Concrete	60%	Now	$3,800	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : North Play Yard, Missing Handrail								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	65%			2036	* *			
Cast in Place Concrete	15%			2038	* *			
Rubber Matting	20%			2033	$100,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1,600 Amperes 480 Volt								
Transformers								
Dry Type	100%			2038	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Two 15 Kilovolt-ampere And One 45 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$500	
Raceway								
Conduit	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 189 - BX

Asset # : 14264

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$300	
Molded Case Bkrs	90%			2041	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2038	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Roof								
Explanation : Rooftop Units								
Locally Mounted	60%			2038	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$36,700	
Generators								
Diesel	100%			2036	* *	1	$46,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Enclosure								
Explanation : 450 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,400	
Fuel Storage								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Underground								
Explanation : Underground Fuel Tank								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$1,779,900	10	$109,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	50%			2033	$36,800	1		
Exit, LED	50%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 189 - BX

Asset # : 14264

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	1%			2033	$4,800	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Canopy								
HID	9%			2033	$50,100	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Controlled Via Timer								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$1,200	
Alarm								
Security System								
Generic	100%			2033	$224,100	1	$44,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Cameras, Intrusion Alarms And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$308,000	1-3	$75,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2053	* *	1		
Natural Gas	80%			2053	* *	1		
Conversion Equipment								
Furnace	80%			2038	* *	1	$47,200	
Radiant Heater	20%			2038	* *	2	$11,100	
Controls								
Digital	100%			2031	$3,429,300			
Repairs In Progress, Extent : N/A, Area Affected : 20%								
Location : Software Upgrade								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 189 - BX

Asset # : 14264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	98%	Now	$98,300	2038	* *	2	$5,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Packaged Rooftop Unit 7 Which Serves The Kitchen								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 9 Units Total.								
Split Unit	2%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Elevator Machine Room And Main Distribution Frame Room 113. Intermediate distribution Frame Rooms 216, 314 And 414								
Explanation : Outdoor Units Located On The Roof . Indoor Units For Main Distribution Frame, Intermediate distribution Frame And Elevator Machine Room.								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$194,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$105,400	
Exhaust Fans								
Roof	99%			2038	* *	2	$3,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 12 Units								
Wall Unit	1%			2038	* *	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Unit								
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2053	* *	1		
Galvanized Steel	40%			2046	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$7,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Mechanical Room 110e								
Explanation : 2 Backflow Preventers. One For Domestic Water, One For Sprinkler System.								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 189 - BX

Asset # : 14264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Tankless Water Heater (POU								
Gas Fired	100%			2031	$64,800	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : 2 Units								
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : One 600 Gallon Tank. Quantity 2								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$33,500	
Fire Pump								
Generic	100%			2042	* *	1	$22,300	
Chemical System								
Generic	100%			2031	$408,000	1-3	$372,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Kitchen								
Explanation : Hood Is 100 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. / I. S. 210 - M TWENTYFIRST CENTURY ACADEMY**			
Address	:	**501-503 WEST 152ND STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M093**
Program / Asset #	:	**BOE1054.000 / 14324**	**Yr Built/Renovated**	:	**2007 /**
Area Sq Ft	:	**73,767**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**05-Feb-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,4,5,Ph**			
Block	:	**2084** **Lot** : **29**	**BIN**	:	**1087824**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$83,200	$129,300
Mechanical	$514,700	$70,400
Total	**$597,800**	**$199,700**
Importance Code A	$83,200	$129,300
Importance Code B	$514,700	$70,400
Total	**$597,800**	**$199,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$74,500	$72,700		
Interior Architecture	$36,700		$12,800	
Electrical	$34,200	$14,300	$7,600	$7,200
Mechanical	$55,700	$26,600	$43,600	$9,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$211,000**	**$123,500**	**$74,000**	**$26,500**
Importance Code A	$77,800	$76,900	$3,300	$4,000
Importance Code B	$106,500	$46,600	$70,700	$22,500
Importance Code C	$26,800			
Total	**$211,000**	**$123,500**	**$74,000**	**$26,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 210 - M TWENTYFIRST CENTURY ACADEMY
Asset # : 14324

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	60%	4+	$83,200	LIFE	* *	5	$48,500	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : South Side Of Building								
Metal Panel	20%			2050	* *	5-10	$177,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$42,000	
Window Wall	10%			2050	* *	5	$48,500	
Windows								
Aluminum	95%	Now	$42,800	2046	* *	5	$9,000	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Classroom Windows At 3rd And 4th Floor								
Glass Block	5%			LIFE	* *	5	$600	
Parapets								
Concrete Masonry Unit	30%			LIFE	* *	5	$8,100	
Metal Rail	5%			2043	* *	5-10	$21,600	
Metal: Cage/Fence	20%			2043	* *	5-10	$37,000	
Pre-Cast Concrete	10%	0-2	$3,900	LIFE	* *	5	$15,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Upper Roof Area								
Stucco Cement	35%			2043	* *	5	$21,600	
Roof								
IRMA/Protected Membrane	50%	Now	$15,500	2035	* *			
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Over Play Area Roof								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Play Area Roof								
Explanation : Paver Pedestals Broken, Loose Pavers.								
IRMA/Protected Membrane	50%	Now	$12,400	2035	* *			
Gravel/Stone Ballast, Extent : Light, Area Affected : 95%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Stair A								
Interior								

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DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 210 - M TWENTYFIRST CENTURY ACADEMY
Asset # : 14324

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2029	$97,600	3	$8,300	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Library								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$12,100	
Ceramic Tile	5%			2039	* *	5	$5,500	
Quarry Tile	5%			2043	* *	5	$8,300	
Sheet Vinyl/Rubber	5%	Now	$7,200	2035	* *	5	$4,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Vinyl Tile	73%			2035	* *	3	$30,200	
Wood	2%			2058	* *	5	$4,100	
Interior Walls								
Ceramic Tile	25%			2039	* *	5	$23,900	
Concrete Masonry Unit	5%	Now	$9,000	LIFE	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Chair Room								
Glass: Single Pane	5%	Now	$5,800	LIFE	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Lobby Looking Into Gymnasium								
Gypsum Board	65%			LIFE	* *	5	$37,300	
Ceilings								
AcousTileSusp.Lay-In	80%			2043	* *	5	$88,300	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Room 510								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$13,800	
Metal Panel	5%			LIFE	* *	5	$6,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Northeast Side Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 210 - M TWENTYFIRST CENTURY ACADEMY

Asset # : 14324

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere And Two 1,600 Ampere Service Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	95%	4+	$3,400	2046	* *	5	$900	
Cracked Case, Extent : Moderate, Area Affected : 100%								
Location : Science Lab								
Mech. Misoperation, Extent : Moderate, Area Affected : 100%								
Location : Science Lab								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Science Lab								
Explanation : Laboratory Equipment Trip Circuit Breakers And Receptacles Are Damaged								
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$22,700	
Generators								
Diesel	100%			2039	* *	1	$28,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Rated At 125 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,700	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 50 Gallon Capacity								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 210 - M TWENTYFIRST CENTURY ACADEMY
Asset # : 14324

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%	Now	$19,800	2035	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Ballast Are Not Working								
Fluorescent	10%			2035	* *	10	$6,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
LED	20%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Yard								
Explanation : LED Observed Controlled Via Photocell								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$13,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Manual Pull Stations, Strobe Lights, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2050	* *	1		
Natural Gas	90%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 210 - M TWENTYFIRST CENTURY ACADEMY

Asset # : 14324

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%			2035	* *	1	$32,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units								
Radiant Heater	10%			2035	* *	2	$3,400	
Terminal Devices								
Convector/Radiator	10%			2043	* *	1	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance And Hallways								
Explanation : Electric Air Curtain And Electric Baseboard Radiators								
Fan Coil Unit/Heat	2%	Now	$21,900	2040	* *	1	$400	
Not in Service, Extent : Severe, Area Affected : 2%								
Location : 1st Floor Exit No. 3, Gas Meter Room								
No Component	88%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%	Now	$223,100	2035	* *	2	$3,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rooftop Units								
Explanation : Balancing Issues. Building Management System Manually Operated.								
Split Unit	10%			2035	* *			
Distribution								
Ductwork/Diffusers	90%	2-4	$291,600	LIFE	* *	2	$86,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Explanation : Perimeter Fan Powered Boxes Not Operating Optimally, Controls Issue.								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Toilet, Kitchen, Laboratories And Purge Exhaust								
Explanation : Exhaust Ductwork								
No Component	90%							
Exhaust Fans								
Roof	100%			2035	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 210 - M TWENTYFIRST CENTURY ACADEMY

Asset # : 14324

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	2-4	$1,500	2030	$14,800	4	$1,600	
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Float Valves Faulty. Basement.								
Sewage Ejector(s)								
Electric	100%	2-4	$3,900	2030	$38,600	4	$2,900	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Pump Seal In Basement								
Backflow Preventer								
Generic	100%	2-4	$6,600	2035	* *	1	$4,100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Domestic Water System In Basement								
Explanation : Leak Evident								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 5th Floor, One Unit From Basement To Roof								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2056	* *	1-5	$37,200	
Sprinkler								
Generic	100%			2050	* *	1-2	$20,700	
Fire Pump								
Generic	100%	2-4	$14,100	2033	$70,400	1	$12,400	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Corrosion Occuring. Basement								
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / I. S. 295 - Q**		
Address	: **222-14 JAMAICA AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q263**
Program / Asset #	: **BOE1050.000 / 14263**	**Yr Built/Renovated**	: **2007 /**
Area Sq Ft	: **99,418**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **10813** **Lot** : **5**	**BIN**	: **4854268**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$191,000	$262,200
Interior Architecture	$155,100	$132,400
Electrical		$83,900
Mechanical		$81,600
Total	**$346,100**	**$560,100**
Importance Code A	$191,000	$262,200
Importance Code B		$221,600
Importance Code C	$155,100	$76,200
Total	**$346,100**	**$560,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$148,700			
Interior Architecture	$169,400	$2,700	$18,000	$32,700
Electrical	$20,800	$16,200	$21,000	$16,200
Mechanical	$54,300	$22,800	$24,500	$16,300
Site Pavements	$5,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$406,600**	**$49,600**	**$71,400**	**$73,100**
Importance Code A	$154,300	$4,700	$5,100	$4,700
Importance Code B	$216,700	$42,200	$66,300	$46,900
Importance Code C	$35,600	$2,700		$21,500
Total	**$406,600**	**$49,600**	**$71,400**	**$73,100**

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 295 - Q

Asset # : 14263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	Now	$101,600	LIFE	* *	5	$61,700	
Efflorescence, Extent : Light, Area Affected : 40%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Into Rooms 212, 29 And 225								
Metal Panel	10%			2053	* *	5-10	$84,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$80,200	
Window Wall	30%			2053	* *	5	$138,800	
Windows								
Aluminum	100%	0-2	$41,100	2049	* *	5	$21,600	
Hardware Missing, Extent : Light, Area Affected : 2%								
Location : Throughout								
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$38,000	
Pre-Cast Concrete	45%			LIFE	* *	5	$62,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,000	
Roof								
IRMA/Protected Membrane	100%	Now	$89,400	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Equipment Curbs And Stairwells								
Soffits								
Cement - Fiber Panel	100%			2038	* *	10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$65,100	
Ceramic Tile	15%			2042	* *	5	$22,300	
Quarry Tile	2%			2046	* *	5	$4,500	
Sheet Vinyl/Rubber	1%			2041	* *	5	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Laboratory								
Explanation : Chemical Floors								
Traffic Topping	3%			2041	* *	5	$5,600	
Vinyl Tile	64%			2038	* *	3	$35,700	
Wood	5%			2068	* *	5	$14,000	

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 295 - Q

Asset # : 14263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$53,800	
Ceramic Tile	20%			2042	* *	5	$43,100	
Concrete Masonry Unit	10%	Now	$101,200	LIFE	* *	5	$8,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkhead								
Folding Partition	1%			2055	* *	5	$5,400	
Gypsum Board	59%	Now	$35,600	LIFE	* *	5	$76,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : B14								
Ceilings								
AcousTileSusp.Lay-In	78%	Now	$37,300	2046	* *	5	$56,200	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 4th Floor Classrooms								
Exposed Struc: Steel	10%			LIFE	* *	10	$28,800	
Gypsum Board	10%			LIFE	* *	5-10	$49,500	
Metal Panel	2%			LIFE	* *	5	$7,200	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	80%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2050	* *			
Pavers/Stone	50%			2042	* *			
Activity Yard								
Asphalt	75%	2-4	$5,700	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Pavers/Stone	15%			2046	* *			
Rubber Matting	10%			2033	$44,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes Each.								

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 295 - Q

Asset # : 14263

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2046	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,000 Kilovolt Amperes, 480/277 Volts Primary, 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2049	* *	5	$300	
Molded Case Bkrs	85%			2049	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$30,600	
Generators								
Diesel	100%			2042	* *	1	$38,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Yard								
Explanation : Emergency Generator Rated At 350 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,700	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Yard								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	87%			2038	* *	10	$79,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2038	* *	10	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby								
Explanation : T-5 Lamps								
HID	3%			2038	* *	10	$100	
LED	5%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 295 - Q

Asset # : 14263

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$37,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$61,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2053	* *	1		
Natural Gas	95%			2053	* *	1		
Conversion Equipment								
Furnace	90%			2038	* *	1	$44,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 7 Rooftop Package Units								
Furnace	5%	0-2	$800	2038	* *	1	$2,200	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : No.7 Unit, Roof								
Radiant Heater	5%			2038	* *	2	$2,300	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Staircases								
Explanation : Electrical Radiant								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2038	* *	2	$6,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 7 Package Units On Roof								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 295 - Q

Asset # : 14263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,800	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit With One 300 Gallon Tank								
Sanitary Piping								
Cast Iron	3%	Now	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Water Backs Up, Basement And Gymnasium								
Cast Iron	97%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	5%	Now	$900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Room B14								
Cast Iron	95%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$6,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Units From Basement To 4th Floor, 1 Unit From Basement To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$27,900	
Fire Pump								
Generic	100%			2042	* *	1	$18,600	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul 102 Wet, Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / I. S. 30 - BK MARY WHITE OVINGTON**		
Address	: **7002 4TH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K331**
Program / Asset #	: **BOE1134.000 / 14880**	**Yr Built/Renovated**	:
Area Sq Ft	: **97,815**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3,4**		
Block	: **5891** **Lot** : **48**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$193,100	$197,500
Interior Architecture	$284,800	$106,800
Electrical		$80,700
Mechanical		$408,000
Total	**$477,900**	**$793,000**
Importance Code A	$193,100	$197,500
Importance Code B		$488,700
Importance Code C	$284,800	$106,800
Total	**$477,900**	**$793,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$78,800	$29,900		
Interior Architecture	$108,500	$17,500	$62,900	
Electrical	$20,500	$15,900	$18,400	$18,400
Mechanical	$74,500	$73,900	$53,000	$44,000
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$292,100**	**$147,100**	**$144,100**	**$72,300**
Importance Code A	$83,700	$34,700	$4,800	$4,800
Importance Code B	$172,900	$112,400	$96,500	$67,500
Importance Code C	$35,600		$42,700	
Total	**$292,100**	**$147,100**	**$144,100**	**$72,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 30 - BK MARY WHITE OVINGTON
Asset # : 14880

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$94,900	
Concrete Masonry Unit	40%			LIFE	* *	5	$60,800	
Masonry: Brick Cavity	55%			LIFE	* *	5	$133,600	
Windows								
Aluminum	100%			2055	* *	5	$25,000	
Parapets								
Cast in Place Concrete	60%			LIFE	* *	5	$151,500	
Cast Stone/Terra Cotta	20%			LIFE	* *	5-10	$69,400	
Metal Rail	20%			2050	* *	5-10	$44,200	
Roof								
Copper/Terne	5%			2068	* *	10	$7,200	
IRMA/Protected Membrane	95%			2041	* *	10	$54,900	
Soffits								
Metal Panel	100%			2059	* *	5-10	$3,600	
Interior								
Floors								
Carpet	2%			2034	* *	3	$4,400	
Cast in Place Concrete	10%			LIFE	* *	5	$64,100	
Ceramic Tile	5%			2046	* *	5	$7,300	
Quarry Tile	10%			2050	* *	5	$22,000	
Sheet Vinyl/Rubber	5%			2041	* *	5	$11,000	
Terrazzo	3%			LIFE	* *	5	$6,900	
Vinyl Tile	60%			2041	* *	3	$32,900	
Wood	5%			2068	* *	5	$13,700	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$89,000	
Ceramic Tile	24%			2046	* *	5	$85,500	
Concrete Masonry Unit	15%			LIFE	* *	5	$42,700	
Gypsum Board	50%			LIFE	* *	5-10	$302,700	
Wood	1%			LIFE	* *	5	$28,500	
Ceilings								
AcousTileConcealSpLn	2%			2050	* *	5	$3,400	
AcousTileSusp.Lay-In	5%			2050	* *	5	$6,800	
Embossed Metal	13%			LIFE	* *	5	$15,800	
Fiber Board	70%			2041	* *			
Gypsum Board	10%			LIFE	* *	5-10	$46,400	
Site Enclosure								
Fence/Gates								
Chain Link	85%			2059	* *			
Iron Picket	15%			2077	* *			
Free Standing Walls								
Masonry: Brick	100%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 30 - BK MARY WHITE OVINGTON
Asset # : 14880

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%			2046	* *			
Pavers/Stone	50%			2046	* *			
Activity Yard								
Asphalt	80%			2046	* *			
Rubber Matting	20%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$30,100	
Generators								
Diesel	100%			2042	* *	1	$37,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 276 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rated Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 30 - BK MARY WHITE OVINGTON
Asset # : 14880

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$80,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	20%			2038	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$600	
Alarm								
Security System								
Generic	100%			2038	* *	1	$36,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Front Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$60,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	80%			2038	* *	1	$38,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Package Units								
Hot Water Boiler	20%			2046	* *	1	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2049	* *	4	$1,400	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 30 - BK MARY WHITE OVINGTON
Asset # : 14880

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	20%			2046	* *	1	$6,300	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2038	* *	2	$5,700	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units, Roof								
Split Unit	5%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units, Roof								
Terminal Devices								
Fan Coil - 2 Pipe	5%			2038	* *	1	$1,600	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2038	* *	2	$3,400	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,400	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$3,000	4	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Sets								
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,900	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 30 - BK MARY WHITE OVINGTON
Asset # : 14880

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Passengers								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$49,300	
Sprinkler								
Generic	100%			2053	* *	1-2	$27,400	
Fire Pump								
Generic	100%			2042	* *	1	$18,300	
Chemical System								
Generic	100%			2031	$408,000	1-3	$372,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 100 Square Feet In Kitchen.								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / I. S. 314 - Q**		
Address	: **88-08 164TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q314**
Program / Asset #	: **BOE1180.000 / 14926**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **121,377**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **9813** **Lot** : **33**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$366,000	$474,000
Interior Architecture	$221,300	$221,300
Electrical		$106,900
Mechanical	$129,000	$81,600
Total	**$716,300**	**$883,800**
Importance Code A	$495,000	$474,000
Importance Code B	$74,900	$263,400
Importance Code C	$146,400	$146,400
Total	**$716,300**	**$883,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,200	$19,300		
Interior Architecture	$120,800	$15,700	$27,300	
Electrical	$23,800	$21,500	$22,000	$19,800
Mechanical	$166,900	$53,000	$44,700	$62,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$361,700**	**$117,500**	**$101,900**	**$90,300**
Importance Code A	$42,300	$25,300	$6,000	$6,000
Importance Code B	$248,300	$76,400	$95,900	$84,300
Importance Code C	$71,100	$15,700		
Total	**$361,700**	**$117,500**	**$101,900**	**$90,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 314 - Q

Asset # : 14926

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	60%			LIFE	* *	5	$166,000	
Metal Panel	25%			2059	* *	5-10	$237,700	
Granite Panels	5%			LIFE	* *	5	$10,400	
Window Wall	10%			2059	* *	5	$51,900	
Windows								
Aluminum	100%			2055	* *	5	$38,700	
Parapets								
Cast in Place Concrete	90%			LIFE	* *	5	$436,300	
Metal Panel	5%			2059	* *	5	$4,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$14,800	
Roof								
Plaza Roof: Stone Panels	98%			2059	* *			
Single Ply Membrane	2%	4+	$700	2041	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Soffits								
Metal Panel	100%	4+	$800	2059	* *	5	$2,800	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Entrance Canopy								
Interior								
Floors								
Carpet	2%			2032	$64,300	3	$5,500	
Ceramic Tile	8%			2046	* *	5	$14,500	
Terrazzo	5%			LIFE	* *	5	$14,200	
Vinyl Tile	80%			2041	* *	3	$54,500	
Wood	5%	4+	$10,800	2068	* *	5	$8,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : From Roof								
Interior Walls								
Ceramic Tile	70%			2046	* *	5	$292,900	
Concrete Masonry Unit	15%			LIFE	* *	5	$50,200	
Folding Partition	3%			2055	* *	5	$31,400	
Glass: Special Gauge	2%			LIFE	* *	1		
Gypsum Board	10%			LIFE	* *	5-10	$71,100	
Ceilings								
AcousTileSusp.Lay-In	90%			2050	* *	5	$149,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$16,600	
Gypsum Board	3%			LIFE	* *	5-10	$17,200	
Metal Panel	2%			LIFE	* *	5	$8,300	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2059	* *			
Iron Picket	95%			2077	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 314 - Q

Asset # : 14926

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	10%			2046	* *			
Cast in Place Concrete	90%			2050	* *			
Activity Yard								
Asphalt	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2063	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere And One 3,000 Ampere Main Disconnect Switch For Service A And B								
Fused Disc Sw	10%			2059	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch For The Fire Pump And Emergency								
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2055	* *	5	$300	
Molded Case Bkrs	90%			2055	* *	5	$2,900	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	50%			2050	* *	5	$400	
Variable Frequency Drive	50%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$37,300	
Generators								
Diesel	100%			2046	* *	1	$47,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 350 Kilowatts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 314 - Q

Asset # : 14926

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$4,500	
Fuel Storage								
Main Tank	100%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	96%			2041	* *	10	$106,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	4%			2041	* *	10	$200	
Egress Lighting								
Emergency, Service	60%			2041	* *	1		
Exit, Service	40%			2041	* *	1		
Exterior Lighting								
Fluorescent	10%			2041	* *	10	$1,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Roof								
LED	20%			2041	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$900	
Alarm								
Security System								
Generic	50%			2041	* *	1	$22,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2041	* *	1	$22,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$74,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Manual Pull Box, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 314 - Q

Asset # : 14926

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	$129,000	2046	* *	1	$54,000	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. No. 4 Boiler Is Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units								
Distribution								
Hot Wtr Piping/Pump	100%	2-4	$26,500	2058	* *	4	$6,000	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Building Management System Is Not Working								
Terminal Devices								
Air Handler	20%	0-2	$45,700	2043	* *	1	$13,500	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Two Blowers Are Not Working								
Convector/Radiator	80%			2053	* *	1	$31,400	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2041	* *	1	$11,300	
Ext Pkg Unit - Heating/Cooling	60%			2043	* *	2	$4,500	
Split Unit	20%			2038	* *			
Terminal Devices								
Air Handler/Cool/Ht	100%			2043	* *	1	$75,100	
Heat Rejection								
Air Cooled Condenser Unit	100%			2043	* *	2	$84,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$107,200	
Exhaust Fans								
Roof	100%	0-2	$23,600	2038	* *	2	$3,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : One Exhaust Fan Is Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 314 - Q

Asset # : 14926

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	0-2	$400	2027	$3,700	4	$2,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : One Pump Is Not Working								
Sewage Ejector(s)								
Compressed Air	100%			2053	* *	4	$1,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$7,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$61,200	
Sprinkler								
Generic	100%			2053	* *	1-2	$34,000	
Fire Pump								
Generic	100%			2048	* *	1	$22,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Water Leaking On Sump Pump Panel								
Chemical System								
Generic	100%			2033	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / I. S. 437 - BK (PARKSIDE COMMUNITY COMPLEX)**		
Address	: **713 CATON AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K437**
Program / Asset #	: **BOE1176.000 / 14922**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **107,506**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **5321** **Lot** : **64**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$607,200	$535,800
Interior Architecture	$489,200	$236,600
Electrical		$96,600
Mechanical		$163,200
Total	**$1,096,300**	**$1,032,200**
Importance Code A	$607,200	$535,800
Importance Code B	$145,400	$342,900
Importance Code C	$343,800	$153,500
Total	**$1,096,300**	**$1,032,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$95,800	$5,100		
Interior Architecture	$212,900	$4,000	$25,100	
Electrical	$18,200	$15,800	$16,200	$14,200
Mechanical	$115,100	$61,400	$68,400	$44,900
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$456,800**	**$101,100**	**$124,500**	**$73,900**
Importance Code A	$104,600	$10,400	$5,300	$5,300
Importance Code B	$233,200	$90,700	$119,200	$68,600
Importance Code C	$119,000			
Total	**$456,800**	**$101,100**	**$124,500**	**$73,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 437 - BK (PARKSIDE COMMUNITY COMPLEX)

Asset # : 14922

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	5%			2059	* *	10	$2,800	
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$844,200	
Glass Block	10%			LIFE	* *	5	$22,500	
Masonry: Brick Cavity	35%			LIFE	* *	5	$126,100	
Masonry: Granite	5%			LIFE	* *	5	$13,500	
Window Wall	15%			2059	* *	5	$101,300	
Windows								
Aluminum	100%	Now	$34,600	2055	* *	5	$18,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 420a								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$83,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Covered With Membrane								
Metal Panel	10%			2059	* *	5	$5,600	
Metal Rail	5%			2050	* *	5-10	$13,000	
Roof								
IRMA/Protected Membrane	78%	Now	$25,000	2041	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Penthouse Exhaust Pipe Penetrations								
Plaza Roof: Stone Panels	20%			2059	* *			
Skylight, Metal/Glass	2%			2059	* *	10	$4,500	
Soffits								
Metal Panel	100%			2059	* *	5-10	$56,200	
Interior								
Floors								
Carpet	5%			2034	* *	3	$12,100	
Cast in Place Concrete	5%			LIFE	* *	5	$35,200	
Ceramic Tile	10%			2046	* *	5	$16,100	
Panel/Paver: Bluestone	5%			LIFE	* *	5	$12,100	
Quarry Tile	5%	4+	$11,800	2050	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Traffic Topping	5%			2041	* *	5	$10,100	
Vinyl Tile	60%			2041	* *	3	$36,200	
Wood	5%			2068	* *	5	$15,100	

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 437 - BK (PARKSIDE COMMUNITY COMPLEX)
Asset # : 14922

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$49,900	
Cast Stone/Terra Cotta	1%			LIFE	* *	10	$15,000	
Ceramic Tile	29%			2046	* *	5	$115,700	
Ceramic Tile	1%	4+	$5,900	2046	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : 1st Floor Fire Panel								
Concrete Masonry Unit	10%			LIFE	* *	5	$31,900	
Folding Partition	2%	Now	$110,500	2055	* *	5	$10,000	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Explanation : Wood Finish Panel Adhesion Failure								
Glass: Single Pane	10%			LIFE	* *	5	$59,800	
Gypsum Board	40%			LIFE	* *	5-10	$271,200	
Masonry: Brick	2%			LIFE	* *	10	$2,400	
Ceilings								
AcousTileSusp.Lay-In	40%	Now	$19,600	2050	* *	5	$29,500	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Cafeteria								
Exposed Struc: Steel	10%			LIFE	* *	10	$29,500	
Gypsum Board	45%			LIFE	* *	5-10	$228,500	
Metal Panel	5%			LIFE	* *	5	$18,500	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2059	* *			
Iron Picket	30%			2077	* *			
Retaining Walls								
Masonry: Brick	100%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%			2050	* *			
Pavers/Stone	5%			2046	* *			
On-Site Walkways								
Asphalt	90%			2046	* *			
Cast in Place Concrete	10%			2050	* *			
Activity Yard								
Asphalt	70%			2046	* *			
Rubber Matting	30%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 437 - BK (PARKSIDE COMMUNITY COMPLEX)

Asset # : 14922

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes And 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$500	
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2055	* *	5	$200	
Molded Case Bkrs	90%			2055	* *	5	$2,500	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	60%			2050	* *	5	$400	
Variable Frequency Drive	40%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Stand-by Power								
Generators								
Diesel	100%			2046	* *	1	$41,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 350 Kilowatts. Not In Service								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$4,000	
Fuel Storage								
Day Tank	50%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2068	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / I. S. 437 - BK (PARKSIDE COMMUNITY COMPLEX)
Asset # : 14922

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2041	* *	10	$91,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2041	* *	10	$4,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
Fluorescent	30%			2041	* *	10	$3,000	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$700	
Alarm								
Security System								
Generic	100%			2041	* *	1	$40,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$66,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 437 - BK (PARKSIDE COMMUNITY COMPLEX)

Asset # : 14922

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	97%			2046	* *	1	$51,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 6 Units								
Hot Water Boiler	3%	0-2	$3,400	2046	* *	1	$1,400	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Explanation : Units No.1, 4 And 6 Have Mechanical Defects.								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$4,700	2055	* *	4	$5,300	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : The Building Management System.								
Terminal Devices								
Air Handler	70%			2038	* *	1	$46,500	
Convector/Radiator	30%			2046	* *	1	$10,400	
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2038	* *	1	$49,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit, R-407c Refrigerant								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2059	* *	4	$5,300	
Terminal Devices								
Air Handler/Cool/Ht	3%	0-2	$1,300	2038	* *	1	$1,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Clycol Leaks From Unit No.1 On Roof.								
Air Handler/Cool/Ht	97%			2038	* *	1	$64,500	
Heat Rejection								
Dry Cooler	100%			2038	* *	2	$74,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,900	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 437 - BK (PARKSIDE COMMUNITY COMPLEX)

Asset # : 14922

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%	0-2	$900	2031	$17,100	2		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : The Storage Tank.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : One Tankless Unit With One 432 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$4,300	
Backflow Preventer								
Generic	20%	0-2	$500	2041	* *	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Explanation : Leaking								
Generic	80%			2041	* *	1	$5,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$54,200	
Sprinkler								
Generic	100%			2053	* *	1-2	$30,100	
Fire Pump								
Generic	100%			2042	* *	1	$20,100	
Chemical System								
Wet	100%			2031	$163,200	1-3	$166,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 40 Square Feet In Kitchen.								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / I. S. 48 - SI**		
Address	: **1050 TARGEE STREET @ VENICE AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R071**
Program / Asset #	: **BOE1127.000 / 14796**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **109,224**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **3168** **Lot** : **4**	**BIN**	: **5046367**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$77,000	$96,100
Interior Architecture	$62,400	$178,000
Electrical	$95,200	
Mechanical		$81,600
Total	**$234,600**	**$355,600**
Importance Code A	$77,000	$96,100
Importance Code B	$157,600	$144,000
Importance Code C		$115,500
Total	**$234,600**	**$355,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,600		$2,100	$18,200
Interior Architecture	$26,900	$44,200	$4,100	$33,100
Electrical	$30,900	$22,300	$21,700	$21,500
Mechanical	$52,400	$47,400	$63,100	$48,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$161,800**	**$121,700**	**$98,900**	**$129,200**
Importance Code A	$49,000	$5,400	$7,500	$23,800
Importance Code B	$112,700	$76,200	$91,400	$85,300
Importance Code C		$40,100		$20,100
Total	**$161,800**	**$121,700**	**$98,900**	**$129,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 48 - SI

Asset # : 14796

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$28,300	
Cast Stone/Terra Cotta	4%			LIFE	* *	5	$35,300	
Masonry: Brick	85%			LIFE	* *	5	$96,100	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$10,600	
Metal Panel	1%			2051	* *	5-10	$7,800	
Windows								
Aluminum	95%			2047	* *	5	$36,300	
Metal Louvers	5%			2040	* *	10	$11,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,900	
Masonry: Brick	90%			LIFE	* *	5	$11,600	
Roof								
IRMA/Protected Membrane	80%			2036	* *	10	$77,000	
Other Observation, Extent : Light, Area Affected : 100% Location : Roofs Explanation : Paver Panels								
Metal Panel	20%			2044	* *	10	$35,300	
Soffits								
Stucco Cement	100%			2044	* *	5	$16,700	
Interior								
Floors								
Carpet	1%			2030	$28,900	3	$3,300	
Cast in Place Concrete	5%			LIFE	* *	5	$17,900	
Ceramic Tile	5%			2040	* *	5	$8,200	
Quarry Tile	5%			2044	* *	5	$12,300	
Terrazzo	15%			LIFE	* *	5	$19,200	
Traffic Topping	4%			2036	* *	5	$8,200	
Other Observation, Extent : Light, Area Affected : 100% Location : 2 Laboratories Explanation : 2 Laboratories								
Vinyl Tile	60%			2036	* *	3	$49,000	
Wood	5%			2059	* *	5	$15,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	25%			2040	* *	5	$80,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,400	
Folding Partition	5%			2047	* *	5	$40,100	
Gypsum Board	60%			LIFE	* *	5	$115,500	
Ceilings								
AcousTileSusp.Lay-In	80%			2044	* *	5	$124,900	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$19,500	
Metal Panel	5%			LIFE	* *	5	$9,800	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 48 - SI

Asset # : 14796

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	70%			2051	* *			
Iron Picket	30%			2066	* *			
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	60%			2066	* *			
Masonry: Brick	40%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			
Activity Yard								
Asphalt	75%			2040	* *			
Rubber Matting	25%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 4,000 And 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$300	
Molded Case Bkrs	90%			2047	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	95%			2044	* *	5	$700	
Variable Frequency Drive	5%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 48 - SI

Asset # : 14796

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$33,600	
Generators								
Diesel	100%			2040	* *	1	$42,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 300 Kilowatts Rated Capacity								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,000	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	75%			2036	* *	10	$75,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2036	* *	10	$10,000	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Corridors								
Fluorescent	10%			2036	* *	10	$10,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby, Corridors And Gymnasium								
Incandescent	5%			2036	* *	2	$100	
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Battery	50%			2036	* *	10	$3,700	
Exterior Lighting								
HID	20%	Now	$10,200	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Twenty Seven Light Fixtures Are Not Operational In Parking Lot And Playground.								
LED	80%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$1,000	
Alarm								
Security System								
Generic	100%			2036	* *	1	$40,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System And Intrusion Alarm System								

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 48 - SI

Asset # : 14796

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$69,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns, Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2061	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$54,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Modular Hot Water Boilers.								
Distribution								
Hot Wtr Piping/Pump	100%			2056	* *	4	$8,100	
Terminal Devices								
Air Handler	60%			2041	* *	1	$40,500	
Convector/Radiator	10%			2048	* *	1	$3,500	
Fan Coil Unit/Heat	30%			2039	* *	1	$10,600	
Air Conditioning								
Energy Source								
Electricity	100%			2056	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	95%			2044	* *	1	$112,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : 1 Packaged Air Cooled Chiller.								
Split Unit	5%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Distribution Frame Room On Each Floor, Elevator Machine Room, Kitchen Room								
Explanation : 5 Direct Expansion Split Systems.								
Terminal Devices								
Air Handler/Cool/Ht	60%			2039	* *	1	$40,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof, Throughout The Building								
Explanation : 5 Rooftop Units Are In Working Condition; Building Management System Is Defective Causing Central Air System To Improperly Heat And Cool Building Areas.								
Fan Coil - 4 Pipe	40%			2039	* *	1	$14,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,900	

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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 48 - SI

Asset # : 14796

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2039	* *	2	$700	
Roof	80%	Now	$3,400	2039	* *	2	$2,100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Kitchen Exhaust Fan On Main Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2061	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$3,500	
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$6,500	
Backflow Preventer								
Generic	100%			2041	* *	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pump/sprinkler/water Service Room C18, Pump/water Service Room C20								
Explanation : 3 Water Mains.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Elevators.								
Fire Suppression								
Standpipe								
Generic	100%			2061	* *	1-5	$55,100	
Sprinkler								
Generic	100%			2057	* *	1-2	$30,600	
Fire Pump								
Generic	100%	Now	$2,100	2044	* *	1	$18,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Pump/sprinkler/water Service Room C18								
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / I. S. 499 - Q**		
Address	: **148-20 REEVES AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q499**
Program / Asset #	: **BOE1047.000 / 14260**	**Yr Built/Renovated**	: **2004 /**
Area Sq Ft	: **116,214**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6507** **Lot** : **150**	**BIN**	: **4467571**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,207,900	$1,025,700
Interior Architecture	$716,800	$1,683,200
Electrical		$1,910,700
Mechanical	$85,700	$2,349,300
Total	**$3,010,400**	**$6,968,800**
Importance Code A	$2,207,900	$1,025,700
Importance Code B	$802,500	$4,259,900
Importance Code C		$1,683,200
Total	**$3,010,400**	**$6,968,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,200	$9,300		$19,400
Interior Architecture	$36,200	$32,500	$2,600	
Electrical	$10,900	$28,500	$10,900	$12,200
Mechanical	$104,000	$44,400	$65,400	$39,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$222,200**	**$124,500**	**$88,700**	**$80,800**
Importance Code A	$72,700	$20,800	$11,500	$31,200
Importance Code B	$149,400	$103,800	$77,200	$49,700
Importance Code C				
Total	**$222,200**	**$124,500**	**$88,700**	**$80,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 499 - Q

Asset # : 14260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,000	
Glass Block	5%	Now	$13,100	LIFE	* *	5	$4,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Rear Yard Glass Block Wall								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : South Wall At Rear Court Yard								
Masonry: Brick Cavity	60%	0-2	$675,800	LIFE	* *	5	$77,600	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Various Locations On South Wall								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 220, 214 And 230								
Metal, Corrugated	2%			2042	* *	1		
Metal Panel	5%			2052	* *	5-10	$44,500	
Pre-Cast Concrete	20%			LIFE	* *	5	$84,100	
Window Wall	3%			2052	* *	5	$14,500	
Windows								
Aluminum	90%	Now	$243,600	2048	* *	5	$12,800	
Air Infiltration, Extent : Severe, Area Affected : 25%								
Location : North Facing Windows								
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : North Facing Windows								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rear Court Yard								
Metal Louvers	10%			2041	* *	10	$17,700	
Parapets								
Concrete Masonry Unit	15%			LIFE	* *	5	$2,900	
Masonry: Brick Cavity	50%	Now	$424,400	LIFE	* *	5	$8,400	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Interior Parapet Wall								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 35%								
Location : Improperly Installed Flashing Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Improperly Installed Flashing Throughout								
Metal Panel	5%	0-2	$13,800	2052	* *	5	$1,600	
Deformed/Dented, Extent : Light, Area Affected : 20%								
Location : Upper Roof								
Metal Rail	5%			2045	* *	5-10	$15,300	
Pre-Cast Concrete	25%	0-2	$34,300	LIFE	* *	5	$26,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 30%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 499 - Q

Asset # : 14260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	100%	Now	$864,000	2032	$864,000			1
Drains Inad/Misposn, Extent : Moderate, Area Affected : 35%								
Location : Various Locations Throughout								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Various Locations Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Library, Auditorium And 4th Floor Corridors								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Carpet	5%			2031	$153,800	3	$13,000	
Cast in Place Concrete	5%			LIFE	* *	5	$19,000	
Ceramic Tile	3%			2041	* *	5	$5,200	
Quarry Tile	2%			2045	* *	5	$5,200	
Vinyl Tile	80%			2037	* *	3	$52,200	
Wood	5%			2060	* *	5	$16,300	
Interior Walls								
Cast in Place Concrete	7%			LIFE	* *			
Concrete Masonry Unit	35%			LIFE	* *	5	$45,000	
Fabric on Framing	5%			2033	$1,625,400	5	$8,000	
Glass: Single Pane	3%			LIFE	* *	5	$7,200	
Gypsum Board	30%			LIFE	* *	5	$57,900	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%	Now	$36,200	2045	* *	5	$21,700	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Library Ceiling								
Explanation : Missing Ceiling Tiles At Library								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,700	
Exposed Struc: Concrete	55%	Now	$716,800	LIFE	* *	5	$14,900	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Library, Auditorium								
Gypsum Board	5%			LIFE	* *	5	$10,900	
Metal Panel	5%			LIFE	* *	5	$10,900	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 499 - Q

Asset # : 14260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%			2041	* *			
Activity Yard								
Pavers/Stone	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4000 Ampere For Main Building Two 1600 Ampere For Distribution Panel A And B Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$500	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$300	
Molded Case Bkrs	90%			2040	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$35,800	
Generators								
Diesel	100%			2035	* *	1	$45,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 450 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$25,900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 499 - Q

Asset # : 14260

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 50 Gallons								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2032	$1,645,800	10	$101,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2032	$52,000	10	$3,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallway								
HID	2%			2032	$27,500	10	$100	
Egress Lighting								
Emergency, Service	50%			2032	$35,800	1		
Exit, LED	50%			2047	* *	1		
Exterior Lighting								
HID	20%			2032	$108,500	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2047	* *	5	$800	
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$21,800	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	10%			2032	$21,800	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$21,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns, Smoke Detectors And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 499 - Q

Asset # : 14260

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$115,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Hot Wtr Piping/Pump	70%			2040	* *	4	$6,000	
Steam Piping/Pump	30%	Now	$5,600	2042	* *			
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement, The Facility Has Two Condensate Return Pumps, One Unit Is Obsolete And Leaking.								
Terminal Devices								
Air Handler	70%			2032	$1,530,900	1	$50,300	
Convector/Radiator	30%			2030	$285,100	1	$11,300	
On Extended Life, Extent : Light, Area Affected : 50%								
Location : 70 Percent Of All Radiators Are Original With The Building								
Air Conditioning								
Energy Source								
Electricity	100%			2054	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	Now	$85,700	2037	* *	1	$48,500	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : No.1 Set								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Chiller Sets, Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$8,600	
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$45,100	2037	* *	1	$64,700	
Broken, Extent : Moderate, Area Affected : 100%								
Location : All Pneumatic Actuators Within The Air Handling Units Are Broken And Operating Manually.								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Steam Straps Of All Air Handling Units Are Not Working								
Heat Rejection								
Dry Cooler	100%			2032	$533,300	2	$80,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,800	
Exhaust Fans								
Interior	90%			2037	* *	2	$3,200	
Roof	10%			2037	* *	2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 499 - Q

Asset # : 14260

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Abandoned in Place, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Original Hot Water Heater Is Broken And Temporary Hot Water Is Provided.								
HW Heat Exchanger								
Steam Fired	70%			2052	* *	4	$12,100	
No Component	30%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,700	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$6,900	
Backflow Preventer								
Generic	100%			2037	* *	1	$7,100	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2058	* *	1-5	$58,600	
Sprinkler								
Generic	100%			2052	* *	1-2	$32,600	
Fire Pump								
Generic	100%			2041	* *	1	$21,700	
Chemical System								
No Component	90%							
Generic	10%			2030	$8,200	1-3	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. / I. S. 78 - Q**
Address : **46-08 5TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE1156.000 / 14902**
Area Sq Ft : **98,118**
Date of Survey : **09-Feb-2022**
Areas Surveyed : **Roof, Floors 1,2,3,4,5,6,Ph**
Block : **21** **Lot** : **30**

Agency's Number : **Q312**
Yr Built/Renovated :
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$196,900	$196,900
Interior Architecture	$377,900	$313,200
Electrical		$90,000
Mechanical		$183,600
Total	**$574,800**	**$783,600**
Importance Code A	$196,900	$196,900
Importance Code B	$65,000	$338,600
Importance Code C	$312,900	$248,100
Total	**$574,800**	**$783,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$113,400	$38,600	$3,500	
Interior Architecture	$95,200	$55,300	$29,900	
Electrical	$20,500	$16,000	$18,400	$18,400
Mechanical	$59,800	$40,700	$35,200	$25,800
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$300,700**	**$162,400**	**$98,800**	**$56,100**
Importance Code A	$118,200	$43,400	$8,300	$4,900
Importance Code B	$149,400	$119,000	$90,500	$51,200
Importance Code C	$33,100			
Total	**$300,700**	**$162,400**	**$98,800**	**$56,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 78 - Q

Asset # : 14902

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$129,200	
Masonry: Brick Cavity	80%			LIFE	* *	5	$264,600	
Metal Panel	2%			2059	* *	5-10	$22,700	
Metal: Cage/Fence	5%			2050	* *	5	$36,200	
Granite Panels	3%			LIFE	* *	5	$7,400	
Window Wall	5%			2059	* *	5	$31,000	
Windows								
Aluminum	98%			2055	* *	5	$27,200	
Metal Louvers	2%			2046	* *	10	$3,500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$13,800	
Masonry: Brick Cavity	75%			LIFE	* *	5-10	$49,900	
Metal Panel	10%			2059	* *	5	$3,800	
Metal Rail	10%			2050	* *	5-10	$17,600	
Roof								
IRMA/Protected Membrane	85%	Now	$22,500	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 1% *Location : Into Gymnasium Office 530b*								
Metal, Corrugated	10%			2050	* *	1		
Modified Bitumen	5%			2041	* *	10	$2,800	
Soffits								
Exposed Struc: Steel	40%			LIFE	* *	5	$11,500	
Metal Panel	60%			2059	* *	5-10	$18,900	
Interior								
Floors								
Carpet	2%			2034	* *	3	$4,400	
Cast in Place Concrete	5%			LIFE	* *	5	$32,100	
Ceramic Tile	5%			2046	* *	5	$7,300	
Quarry Tile	5%			2050	* *	5	$11,000	
Sheet Vinyl/Rubber	8%			2041	* *	5	$17,600	
Terrazzo	10%			LIFE	* *	5	$22,900	
Traffic Topping	10%			2041	* *	5	$18,400	
Vinyl Tile	45%			2041	* *	3	$24,800	
Wood	10%			2068	* *	5	$27,500	
Interior Walls								
Ceramic Tile	40%			2046	* *	5	$155,100	
Concrete Masonry Unit	13%			LIFE	* *	5	$40,300	
Folding Partition	2%			2049	* *	5	$19,400	
Gypsum Board	3%	Now	$3,300	LIFE	* *	5	$7,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5% *Location : 530b*								
Gypsum Board	37%			LIFE	* *	5-10	$243,900	
Wood	5%			LIFE	* *	5	$155,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 78 - Q

Asset # : 14902

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	65%			2050	* *	5	$96,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,900	
Gypsum Board	20%	Now	$10,400	LIFE	* *	5	$37,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 530b								
Metal Panel	5%			LIFE	* *	5	$18,600	
Wood	5%			LIFE	* *	5	$130,100	
Site Enclosure								
Fence/Gates								
Chain Link	35%			2059	* *			
Iron Picket	60%			2077	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Activity Yard								
Explanation : This Is Actually Galvanized Steel Cage Fencing								
Masonry: Brick	5%			2059	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Cast in Place Concrete	40%			2046	* *			
Pavers/Stone	30%			2042	* *			
Rubber Matting	30%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes And 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 78 - Q

Asset # : 14902

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$300	
Motor Control Center	10%			2046	* *	5	$300	
Variable Frequency Drive	40%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$30,200	
Generators								
Diesel	100%			2042	* *	1	$38,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,600	
Fuel Storage								
Day Tank	20%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$85,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2038	* *	10	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, Auditorium								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	20%			2038	* *	10	$100	
No Component	80%							
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 78 - Q

Asset # : 14902

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$600	
Alarm								
Security System								
Generic	100%			2038	* *	1	$36,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$60,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	80%			2038	* *	1	$38,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Package Units								
Hot Water Boiler	20%			2046	* *	1	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	5%	0-2	$2,100	2049	* *	4	$200	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Building Management System								
Hot Wtr Piping/Pump	15%			2049	* *	4	$1,100	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2046	* *	1	$6,300	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2038	* *	2	$6,000	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units, Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. / I. S. 78 - Q

Asset # : 14902

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,600	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Tankless Unit With One 400 Gallons Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 6th Floor								
Explanation : 2 Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$49,500	
Sprinkler								
Generic	100%			2053	* *	1-2	$27,500	
Fire Pump								
Generic	100%			2042	* *	1	$18,300	
Chemical System								
Generic	100%			2031	$183,600	1-3	$167,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 45 Square Feet In Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. / M. S. 20 - BX MINISCHOOL**				
Address	: **3050 WEBSTER AVENUE BTWN: MOSHOLU PKWY - E. 202 ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X020**
Program / Asset #	: **BOE0995.010 / 14639**			**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **12,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-May-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **3330**	**Lot**	: **1**	**BIN**	: **2086851**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical	$100,700	$134,200
Mechanical	$255,000	
Total	**$355,700**	**$134,200**
Importance Code B	$355,700	$134,200
Total	**$355,700**	**$134,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,600			
Interior Architecture	$28,600		$600	$1,900
Electrical	$200	$200	$4,500	$300
Mechanical	$9,900	$200	$24,600	$200
Total	**$63,200**	**$300**	**$29,700**	**$2,300**
Importance Code A	$24,600			
Importance Code B	$38,600	$300	$29,700	$2,300
Importance Code C				
Total	**$63,200**	**$300**	**$29,700**	**$2,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / M. S. 20 - BX MINISCHOOL
Asset # : 14639

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$4,500	
Metal Panel	95%	0-2	$22,800	2041	* *	5	$32,300	
Deformed/Dented, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$1,800	2039	* *	5	$900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Room 4								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 4								
Roof								
Not Accessible	100%							
Interior								
Floors								
Sheet Vinyl/Rubber	5%			2036	* *	5	$1,200	
Vinyl Tile	95%	Now	$20,900	2036	* *	3	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : South Corridor								
Interior Walls								
Fiberglass Panel	5%			LIFE	* *			
Gypsum Board	95%			LIFE	* *	5	$14,900	
Vinyl Covering, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%			2044	* *	5	$15,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Main Hallway								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2051	* *	5	$300	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$300	
Wiring								
Thermoplastic	100%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / M. S. 20 - BX MINISCHOOL
Asset # : 14639

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	75%			2031	$134,200	10	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	25%			2026	$44,700	10	$2,800	
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	100%			2026	$56,000	10		
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	$6,200	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2041	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	20%			2026	$59,500	1	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Ceiling Mounted Electric Cabinet Heaters.								
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. / M. S. 20 - BX MINISCHOOL
Asset # : 14639

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	Now	$9,800	2025	$195,500	2	$600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Unit Located In Room No 4.								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Each Classroom								
Explanation : Provides Electric Heat During Heating Season								
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$5,400	
No Component	20%							
Exhaust Fans								
Roof	100%			2031	$23,300	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2026	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Above Ceiling In Most Restrooms								
Explanation : Point Of Use Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Of The Building								
Explanation : Cast Iron Leaders And Gutter								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 1 - BX**		
Address	: **335 EAST 152 STREET @ COURTLANDT AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X001**
Program / Asset #	: **BOE0155.000 / 522**	**Yr Built/Renovated**	: **1961 / 2010**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2411** **Lot** : **119**	**BIN**	: **2001881**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$310,700	$2,069,300
Interior Architecture	$908,500	
Electrical	$564,100	$740,500
Mechanical	$711,900	$2,682,500
Total	**$2,495,200**	**$5,492,300**
Importance Code A	$310,700	$2,069,300
Importance Code B	$2,184,500	$3,423,000
Total	**$2,495,200**	**$5,492,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,700		$20,300	$11,200
Interior Architecture	$109,200		$13,800	$12,900
Electrical	$3,000	$3,800	$36,800	$2,800
Mechanical	$35,800	$14,000	$34,900	$20,500
Site Enclosure	$9,400			
Site Pavements	$19,000			
Total	**$231,100**	**$17,900**	**$105,800**	**$47,400**
Importance Code A	$64,200	$9,500	$30,000	$20,700
Importance Code B	$135,400	$8,400	$75,800	$26,600
Importance Code C	$31,500			
Total	**$231,100**	**$17,900**	**$105,800**	**$47,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	3%	2-4	$7,600	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : At Columns On North Facade								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : At Columns On North Facade								
Other Observation, Extent : Light, Area Affected : 5%								
Location : East 153rd Street								
Explanation : Paint Peeling								
Masonry: Brick	95%	4+	$213,700	LIFE	* *	5	$129,800	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Ground Floor Facing Playground And East 153rd Street To Basement								
Painted Surfaces, Extent : Moderate, Area Affected : 15%								
Location : Ground Level								
Metal Panel	2%			2051	* *	5-10	$18,800	
Windows								
Aluminum	100%			2047	* *	5	$22,500	
Parapets								
Masonry: Limestone	10%			LIFE	* *	5	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Coping								
Explanation : Painted With An Epoxy								
Metal Rail	20%			2044	* *	5-10	$70,900	
Metal Security Bars	10%			2046	* *			
Stucco Cement	60%			2036	* *	5	$30,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Painted With An Epoxy								
Roof								
IRMA/Protected Membrane	100%	4+	$97,000	2031	$1,939,500			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Main And Lower Roof								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : Main And Lower Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roofs								
Explanation : Four Feet Of Roofing Replaced At Perimeter Of Roofs Three Years Ago.								
Soffits								
Cement - Fiber Panel	100%	4+	$4,000	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : East 153rd Street								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,200	
Ceramic Tile	5%	0-2	$20,700	2034	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%	4+	$13,800	LIFE	* *	5	$5,700	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Steps								
Explanation : Cracks At Corners								
Vinyl Tile 9" X 9"	70%	Now	$908,500	2041	* *	3	$38,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Severe, Area Affected : 15%								
Location : Corridors And Cafeteria								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Wood	10%			2046	* *	5	$27,600	
Interior Walls								
Concrete Masonry Unit	10%	Now	$25,200	LIFE	* *	5	$5,400	
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Basement								
Glazed Ceramic Panel	5%			LIFE	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Bathrooms								
Metal: Cage/Fence	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$22,100	
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$26,800	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	4+	$23,700	2036	* *	5	$18,400	
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Corridor At Steps To First Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
AcousTileSusp.Lay-In	2%			2044	* *	5	$2,900	
Exposed Struc: Concrete	43%			LIFE	* *	5	$9,900	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$9,200	
Metal Panel	5%	0-2	$24,400	LIFE	* *	5	$9,200	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Kitchen								
Plaster	15%			LIFE	* *	5	$13,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Hallway Near Room 328								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$6,300	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Fence On East 152nd And East 153rd Street								
Retaining Walls								
Cast in Place Concrete	100%	Now	$3,000	2051	* *			
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : East 153rd Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%	Now	$9,400	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : E 152nd And 153rd Street								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : E 152nd And 153rd Street								
Pavers/Stone	10%	Now	$7,400	2034	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : E 152nd Street Next To High School Parking Area								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Steps At E 153rd Street								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%			2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Playground								
Rubber Matting	25%	4+	$2,200	2036	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Three Missing Edge Piece								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	20%			2051	* *	5	$100	
Molded Case Bkrs	80%			2031	$182,100	5	$2,000	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	3%			2047	* *	5	$100	
Fused Disc Sw	7%			2030	$16,800	5	$200	
Molded Case Bkrs	85%			2030	$203,600	5	$2,100	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Braided Cloth	80%	2-4	$233,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2031	$43,800	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$84,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$80,600	10	$11,600	
Exit, Service	50%			2026	$20,700	1		
Exterior Lighting								
HID	20%			2026	$89,600	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$74,300	1-3	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Old Fire Alarm System Which Has Manual Pull Station And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$223,200	5	$29,700	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$95,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	70%	Now	$94,500	2051	* *	4	$3,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement, Boiler Room.								
Explanation : Condensate Piping Leaking At Basement								
Central Plant Steam Piping/Pmp	30%			2051	* *	4	$1,400	
Terminal Devices								
Air Handler	40%			2031	$722,600	1	$23,800	
Convector/Radiator	60%			2036	* *	1	$18,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	30%			2031	$683,900			
Window/Wall Unit	70%	0-2	$12,700	2026	$254,600	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : About 10 Percent Of Window Air Conditioners Are Not Working In Various Locations.								
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$42,800	
No Component	20%							
Exhaust Fans								
Interior	30%			2031	$127,700	2	$900	
Roof	50%	0-2	$9,300	2031	$93,100	2	$1,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 10 Percent Exhaust Fans At Roof Are Not Working								
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : There Is No Air Ventilation For Gas Room, Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2029	$367,700	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$464,200	4	$9,500	
Sanitary Piping								
Cast Iron	100%	0-2	$362,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Various: Slow Flushing Toilets And Sink								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2031	$19,200	4	$2,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$39,800	1-2	$800	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Sprinklers Provide In Closet Only								
Explanation : Sprinklers Provded In Closet Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 100 - BK**		
Address	: **2951 WEST 3 STREET @W. BRIGHTON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K100**
Program / Asset #	: **BOE0412.000 / 1374**	**Yr Built/Renovated**	: **1924 / 2011**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **7281** **Lot** : **1**	**BIN**	: **3196595**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$432,200	$911,600
Interior Architecture	$168,100	$61,400
Electrical	$648,300	$471,600
Mechanical	$642,600	$2,136,500
Total	**$1,891,200**	**$3,581,000**
Importance Code A	$432,200	$1,591,500
Importance Code B	$1,290,900	$1,989,600
Importance Code C	$168,100	
Total	**$1,891,200**	**$3,581,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,200		$14,800	
Interior Architecture	$145,400		$19,600	$8,700
Electrical	$2,700	$3,300	$45,600	$1,900
Mechanical	$35,100	$11,000	$29,500	$12,500
Site Enclosure	$28,100			
Total	**$242,500**	**$14,300**	**$109,500**	**$23,200**
Importance Code A	$44,800	$7,700	$22,700	$7,700
Importance Code B	$159,800	$6,500	$86,800	$15,500
Importance Code C	$37,800			
Total	**$242,500**	**$14,300**	**$109,500**	**$23,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	4+	$157,500	LIFE	* *	5	$123,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : All Facades								
Masonry: Brick	80%	Now	$208,600	LIFE	* *	5	$126,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 15%								
Location : First Floors								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room								
Masonry: Granite	5%			LIFE	* *	5	$5,900	
Metal Panel	5%			2051	* *	5-10	$54,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Roof Bulkhead								
Windows								
Aluminum	95%	4+	$27,200	2047	* *	5	$2,900	
Glazing Clouded, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Metal Louvers	5%			2034	* *	10	$1,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$300	
Masonry: Brick	90%	4+	$2,200	LIFE	* *	5	$300	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%	0-2	$66,100	2031	$661,300			
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Leak In 5th Floor Classroom								
Cast in Place Concrete	5%			LIFE	* *			
Modified Bitumen	5%			2031	$34,400	10	$3,100	
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Over Boiler Room								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,800	
Ceramic Tile	7%	Now	$48,400	2034	* *	5	$4,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms, Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms, Throughout								
Quarry Tile	3%			2044	* *	5	$5,500	
Terrazzo	5%			LIFE	* *	5	$4,800	
Traffic Topping	3%			2036	* *	5	$4,600	
Vinyl Tile	54%			2036	* *	3	$33,100	
Vinyl Tile 9" X 9"	3%	Now	$32,500	2041	* *	3	$1,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 60%								
Location : Auditorium Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Wood	15%			2046	* *	5	$34,500	
Interior Walls								
Ceramic Tile	5%	Now	$9,700	2040	* *	5	$4,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms, Throughout								
Glass: Single Pane	3%			LIFE	* *	5	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs								
Explanation : Safety Wire Glass								
Masonry: Brick	10%	Now	$168,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Room Over Roof								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Room Over Roof								
Marble Panels	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$39,700	
Wood	2%			LIFE	* *	5	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stage								
Explanation : Decorative Paneling								
Ceilings								
AcousTileConcealSpLn	5%			2044	* *	5	$7,700	
AcousTileSusp.Lay-In	5%			2044	* *	5	$6,100	
Exposed Struc: Concrete	10%	Now	$36,800	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Roof Penthouse								
Plaster	80%			LIFE	* *	5	$61,400	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$28,100	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : North Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	1%			2030	$1,800	5		
Fused Knife Sw	1%			2030	$1,800	5		
Molded Case Bkrs	90%			2030	$161,700	5	$1,800	
Molded Case Bkrs	8%			2039	* *	5	$200	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	50%			2036	* *	10	$35,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	30%			2026	$648,300	2	$500	
LED	20%			2039	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2036	* *	10	$7,500	
Exit, Battery	50%			2041	* *	10	$2,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
LED	100%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof And Building Perimeter								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2034	* *	5	$700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$29,300	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	$60,400	1-3	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bells, Smoke Detection, Manual Pull Station, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$181,400	5	$24,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 7,500 Gallon Oil Tanks								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$13,600	2029	$679,900	1	$69,500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Draft Control Mechanism For Boiler No.1 In Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Oil-fired Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$109,700	2051	* *	4	$3,800	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Condensate Pumps And Tank In Basement Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Feedwater Pump In Basement Boiler Room								
Recent Installation, Extent : N/A, Area Affected : 80%								
Location : Upgrade Of Steam Traps In Various Locations Throughout								
Terminal Devices								
Air Handler	20%			2031	$293,600	1	$9,700	
Convector/Radiator	75%			2029	$478,400	1	$18,900	
Fan Coil Unit/Heat	5%			2031	$96,700	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	75%	Now	$11,100	2026	$221,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Lunchrooms And Various Classrooms								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	
Exhaust Fans								
Interior	90%			2026	$311,300	2	$2,200	
Roof	10%			2036	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%	0-2	$6,000	2029	$298,700	1		
Booster Pump w/Tank, Extent : Severe, Area Affected : 20%								
Location : Deteriorating Booster System Located In Compressor Room Within Boiler Room								
Corroded, Extent : Moderate, Area Affected : 3%								
Location : Water Main Located In Basement								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	$40,800	4	$3,100	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 15%								
Location : 3rd And 5th Floor Student Toilet Rooms								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$107,900	1-2	$2,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 100 - BX**		
Address	: **800 TAYLOR AVENUE @LAFAYETTE AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X100**
Program / Asset #	: **BOE0240.000 / 431**	**Yr Built/Renovated**	: **1961 / 2007**
Area Sq Ft	: **81,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3641** **Lot** : **1**	**BIN**	: **2022550**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$261,600	$194,700
Interior Architecture	$982,100	
Electrical	$360,700	$623,100
Mechanical	$214,800	$934,500
Total	**$1,819,200**	**$1,752,400**
Importance Code A	$261,600	$194,700
Importance Code B	$1,557,600	$1,557,700
Total	**$1,819,200**	**$1,752,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,000		$14,000	$15,800
Interior Architecture	$59,800	$1,200	$13,100	$12,000
Electrical	$2,100	$2,300	$42,700	$2,000
Mechanical	$15,900	$13,400	$30,300	$17,800
Site Pavements	$22,000			
Total	**$138,700**	**$16,900**	**$100,100**	**$47,700**
Importance Code A	$47,000	$8,000	$22,100	$23,800
Importance Code B	$38,800	$8,900	$78,000	$23,800
Importance Code C	$52,900			
Total	**$138,700**	**$16,900**	**$100,100**	**$47,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$10,700	
Glass Block	2%	Now	$4,400	LIFE	* *	5	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Lunchroom								
Glazed Ceramic Panel	10%			LIFE	* *	5	$50,300	
Masonry: Brick	75%			LIFE	* *	5	$80,500	
Metal Panel	5%			2051	* *	5-10	$36,900	
Pre-Cast Concrete	3%			LIFE	* *	5	$10,500	
Window Wall	3%	Now	$97,700	2061	* *	5	$6,000	
Air Infiltration, Extent : Severe, Area Affected : 10%								
Location : North Elevation								
Corrosion/Rusting, Extent : Severe, Area Affected : 80%								
Location : North Facade								
Not Insulated, Extent : Severe, Area Affected : 100%								
Location : North Elevation								
Windows								
Aluminum	87%			2047	* *	5	$31,600	
Metal Louvers	3%			2040	* *	10	$6,800	
Steel	10%	Now	$163,800	2056	* *	5	$22,700	
Air Infiltration, Extent : Severe, Area Affected : 25%								
Location : Stairs, Basement								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Stairs, Basement, Kitchen, Lunchroom								
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$1,600	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Rail	5%			2044	* *	5-10	$7,400	
Metal: Cage/Fence	70%			2044	* *	5-10	$44,700	
Roof								
Copper/Terne	5%			2066	* *	10	$3,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Modified Bitumen	95%			2039	* *	10	$29,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Soffits								
Cast in Place Concrete	80%			LIFE	* *	5	$63,900	
Stucco Cement	20%			2044	* *	5	$8,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$18,800	
Ceramic Tile	2%			2040	* *	5	$2,500	
Mosaic Tile	1%	Now	$69,200	2051	* *	5	$1,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Patching Evident, Extent : Severe, Area Affected : 40%								
Location : Kitchen								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Sheet Vinyl/Rubber	2%	Now	$80,400	2041	* *	5	$1,800	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%								
Location : Classrooms 123, 121, 125 And 127								
Terrazzo	5%			LIFE	* *	5	$4,800	
Vinyl Tile	8%			2036	* *	3	$4,900	
Vinyl Tile 9" X 9"	70%	Now	$759,200	2041	* *	3	$32,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Corridors, Staircase Landings								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Corridors All Floors								
Wood	5%	4+	$73,300	2046	* *	5	$5,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium, Stage								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$4,200	
Ceramic Tile	1%	Now	$46,200	2046	* *	5	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Glazed Ceramic Panel	2%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	62%			LIFE	* *	5	$26,100	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$18,600	
AcousTileConcealSpLn	5%			2036	* *	5	$7,700	
Exposed Struc: Concrete	60%			LIFE	* *	5	$11,600	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%	0-2	$10,200	LIFE	* *	5	$7,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$7,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	95%	4+	$4,600	2044	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Side Walkway								
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	95%	4+	$17,500	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2031	$27,200	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Photovoltaic Panel(s)	30%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	30%			2051	* *	5	$100	
Molded Case Bkrs	70%			2031	$159,300	5	$1,500	
Raceway								
Conduit	85%			2031	$171,500	1		
Conduit	10%			2051	* *	1		
Conduit	5%			2061	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	65%			2030	$155,700	5	$1,400	
Molded Case Bkrs	20%			2047	* *	5	$400	
Molded Case Bkrs	5%			2056	* *	5	$100	
Wiring								
Braided Cloth	65%	2-4	$189,600	2056	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2031	$29,200	1		
Thermoplastic	20%			2051	* *	1		
Thermoplastic	5%			2061	* *	1		
Motor Controllers								
Locally Mounted	90%			2029	$107,500	5	$500	
Variable Frequency Drive	10%			2051	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$600	
Generic	50%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	92%			2036	* *	10	$68,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2026	$24,100	10	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-12 Lamps								
Fluorescent	2%			2036	* *	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Stairway								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$9,800	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$75,600	10	$100	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$30,400	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mechanical Room And Basement								
Explanation : Strobes, Smoke Detector, Bell, Horn, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$25,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 75,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$80,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$6,000	
Terminal Devices								
Air Handler	20%			2031	$304,900	1	$10,000	
Convector/Radiator	80%			2036	* *	1	$20,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	70%			2026	$214,800	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2031	$143,700	2	$1,000	
Roof	60%	Now	$4,700	2031	$94,300	2	$1,200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Roof, Malfunctioning Roof Exhaust Fan Due To Burnt Motor								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$391,700	4	$8,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$16,200	4	$1,700	
Sewage Ejector(s)								
Electric	100%			2031	$42,400	4	$3,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2051	* *	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 100 - Q**		
Address	: **111-11 118 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q100**
Program / Asset #	: **BOE0751.000 / 1618**	**Yr Built/Renovated**	: **1930 / 2013**
Area Sq Ft	: **130,439**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **11623** **Lot** : **1**	**BIN**	: **4250416**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$323,300	$56,400
Interior Architecture	$241,800	$2,317,100
Electrical	$279,700	$952,200
Mechanical		$2,659,600
Total	**$844,800**	**$5,985,400**
Importance Code A	$323,300	$56,400
Importance Code B	$521,500	$5,929,000
Total	**$844,800**	**$5,985,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$164,100		$7,100	
Interior Architecture	$184,700		$43,400	$3,700
Electrical	$43,400	$21,200	$24,100	$22,000
Mechanical	$100,100	$61,000	$48,500	$43,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$500,100**	**$90,100**	**$131,000**	**$76,600**
Importance Code A	$177,000	$12,900	$20,000	$12,900
Importance Code B	$244,800	$77,200	$111,100	$63,700
Importance Code C	$78,300			
Total	**$500,100**	**$90,100**	**$131,000**	**$76,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%	Now	$71,800	LIFE	* *	5	$56,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$90,200	
Masonry: Brick Cavity	32%	Now	$251,500	LIFE	* *	5	$28,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Exit 5, Exit 11, Elevator Lobby, 4th Floor Elevator Shaft, Connection Of 1930 And 2013 Addition								
Masonry: Granite	5%			LIFE	* *	5	$6,800	
Masonry: Limestone	2%			LIFE	* *	5	$2,700	
Pre-Cast Concrete	3%			LIFE	* *	5	$17,600	
Windows								
Aluminum	100%	Now	$43,000	2049	* *	5	$22,500	
Glazing Broken/Cracked, Extent : Light, Area Affected : 2%								
Location : Stairwell								
Hardware Missing, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$7,700	
Copper/Terne	20%	0-2	$16,500	2053	* *	5	$2,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Coping Of 1930 Wing								
Masonry: Brick	10%			LIFE	* *	5-10	$3,700	
Masonry: Brick Cavity	65%			LIFE	* *	5-10	$24,000	
Roof								
Built-Up (BUR)	93%	Now	$16,700	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Drain Above Exit 11								
Metal Panel	5%			2046	* *	10	$7,100	
Modified Bitumen	2%			2038	* *	10	$1,500	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$41,500	LIFE	* *	5	$21,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Mosaic Tile	2%			2038	* *	5	$9,800	
Quarry Tile	5%			2046	* *	5	$14,600	
Terrazzo	3%			LIFE	* *	5	$9,200	
Vinyl Tile	40%			2038	* *	3	$29,300	
Vinyl Tile	10%	4+	$107,900	2033	$539,300	3	$7,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%			2028	$1,722,900	3	$4,900	
Wood	30%	Now	$69,900	2048	* *	5	$54,900	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$17,500	
Concrete Masonry Unit	20%			LIFE	* *	5	$22,400	
Glass: Single Pane	3%			LIFE	* *	5	$6,300	
Masonry: Brick	10%			LIFE	* *	10	$4,200	
Marble Panels	2%			LIFE	* *	10	$1,100	
Plaster	45%	0-2	$30,600	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : At Auditorium Windows Openings								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Stairwell E								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$10,500	
Ceilings								
AcousTile,Adhered	27%			2046	* *	5	$52,700	
AcousTileSusp.Lay-In	28%	4+	$18,200	2046	* *	5	$27,300	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$24,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$19,500	
Plaster	30%			LIFE	* *	5-10	$100,700	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	78%			2042	* *			
Cast in Place Concrete	20%			2046	* *			
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Asphalt	95%			2042	* *			
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes And 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	40%			2033	$117,000	5	$200	
Fused Disc Sw	60%			2053	* *	5	$300	
Raceway								
Conduit	70%			2033	$202,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Fused Disc Sw	5%			2049	* *	5	$200	
Molded Case Bkrs	50%			2049	* *	5	$1,700	
Molded Case Bkrs	35%			2032	$104,800	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$279,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	40%			2046	* *	5	$400	
Locally Mounted	60%			2031	$108,900	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,900	
Generic	50%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$40,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2042	* *	1	$50,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Nickel Cadmium	100%			2028	$2,500	5	$29,100	
Fuel Storage								
Day Tank	10%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 32 Gallons Rated Capacity								
Main Tank	90%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$113,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Service	35%			2038	* *	1		
Emergency, Battery	15%			2028	$32,800	10	$4,700	
Exit, Service	15%			2038	* *	1		
Exit, Service	35%			2028	$19,700	1		
Exterior Lighting								
HID	10%			2028	$60,900	10		
HID	20%			2041	* *	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$244,900	1	$48,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Exit Doors								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$80,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$129,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	Now	$10,400	2043	* *			
Corroded, Extent : Severe, Area Affected : 5%								
Location : And Leaking, Condensate Tank In Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Compressor Of Pneumatic System, Boiler Room								
Steam Piping/Pump	60%			2033	$626,700			
Steam Piping/Pump	30%			2053	* *			
Terminal Devices								
Air Handler	6%	0-2	$2,900	2028	$147,300	1	$4,400	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : No. 4 Air Handler								
Air Handler	34%			2038	* *	1	$27,400	
Convector/Radiator	35%			2031	$373,300	1	$14,700	
Convector/Radiator	10%			2046	* *	1	$4,200	
Fan Coil Unit/Heat	15%			2028	$485,100	1	$6,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2038	* *	1	$18,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : New Wing Penthouse								
Window/Wall Unit	50%			2028	$247,100	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2053	* *	4	$2,900	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2038	* *	1	$24,200	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2033	$143,700	2	$27,300	
No Component	70%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$34,500	
Ductwork/Diffusers	70%			LIFE	* *	2-5	$80,600	
Exhaust Fans								
Interior	70%			2028	$405,000	2	$2,800	
Roof	30%			2038	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	3%	Now	$1,000	2043	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Above Boiler No. 1								
Brass/Copper	97%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And New Wing Penthouse								
Explanation : Two 100 Gallon Units								
Sanitary Piping								
Cast Iron	3%	Now	$4,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Basement Bathroom And 1st Floor Bathrooms								
Cast Iron	67%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$26,100	4	$4,100	
Sewage Ejector(s)								
Electric	100%			2033	$68,300	4	$7,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$8,000	
Fixtures								
Generic	70%							
Generic	30%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2053	* *	1-5	$19,700	
Sprinkler								
No Component	70%							
Generic	30%			2053	* *	1-2	$11,000	
Fire Pump								
No Component	70%							
Generic	30%	Now	$1,900	2036	* *	1	$6,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Fire Pump Room In Basement								
Chemical System								
Generic	100%			2031	$163,200	1-3	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 101 - BK**		
Address	: **2360 BENSON AVE. @ 24TH AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K101**
Program / Asset #	: **BOE0413.000 / 14**	**Yr Built/Renovated**	: **1927 / 2014**
Area Sq Ft	: **127,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **6875** **Lot** : **32**	**BIN**	: **3185973**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$126,600	$151,500
Interior Architecture	$3,420,700	
Electrical	$444,300	$885,500
Mechanical	$622,300	$1,011,700
Total	**$4,613,900**	**$2,048,700**
Importance Code A	$126,600	$202,800
Importance Code B	$4,487,300	$1,845,900
Total	**$4,613,900**	**$2,048,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,500			$37,400
Interior Architecture	$76,100	$24,400	$4,800	$20,600
Electrical	$12,400	$14,100	$18,500	$48,000
Mechanical	$64,900	$31,100	$34,000	$37,500
Site Enclosure	$14,600			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$190,400**	**$77,600**	**$65,300**	**$151,400**
Importance Code A	$23,900	$9,400	$9,400	$47,100
Importance Code B	$151,900	$58,300	$55,900	$104,300
Importance Code C	$14,600	$9,900		
Total	**$190,400**	**$77,600**	**$65,300**	**$151,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$151,500	
Masonry: Limestone	5%			LIFE	* *	5	$6,500	
Granite Panels	2%			LIFE	* *	5	$2,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Pre-Cast Concrete	5%			LIFE	* *	5	$28,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Explanation : Recent Construction								
Windows								
Aluminum	55%	Now	$126,600	2040	* *	5	$13,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Aluminum	45%			2054	* *	5	$21,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$46,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Explanation : Recent Construction								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,700	
Masonry: Brick	60%			LIFE	* *	5	$13,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Metal Panel	5%			2052	* *	5	$4,300	
Metal: Cage/Fence	5%			2049	* *	5-10	$8,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Roof								
Copper/Terne	5%			2060	* *	10	$8,800	
Fluid Applied Roofing	20%			2067	* *			
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
IRMA/Protected Membrane	15%			2037	* *	10	$10,600	
IRMA/Protected Membrane	25%			2040	* *	10	$17,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Explanation : Precast Concrete Paver Overburden								
Modified Bitumen	35%			2037	* *	10	$24,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Stucco Cement	100%			2049	* *	5		
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$42,400	
Ceramic Tile	5%			2041	* *	5	$9,700	
Quarry Tile	2%			2049	* *	5	$5,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Terrazzo	3%	4+	$27,200	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%			2037	* *	3	$21,800	
Vinyl Tile	30%			2040	* *	3	$21,800	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Vinyl Tile 9" X 9"	10%			2027	$3,420,700	3	$9,700	
Wood	10%			2047	* *	5	$36,300	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2045	* *	5	$19,800	
Recent Construction, Extent : N/A, Area Affected : 80%								
Location : New Addition								
Concrete Masonry Unit	3%			LIFE	* *	5	$2,400	
Gypsum Board	35%			LIFE	* *	5	$41,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Marble Panels	2%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$23,700	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Original Building								
Ceilings								
AcousTileSusp.Lay-In	45%			2049	* *	5	$87,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition And 1st Floor Corridor Of Original Building								
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,000	
Exposed Struc: Steel	5%			LIFE	* *			
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Addition								
Plaster	40%			LIFE	* *	5	$48,500	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%			2058	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : Recent Construction								
Iron Picket	40%	Now	$14,600	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Bay 35th Street Side								
Retaining Walls								
Cast in Place Concrete	100%			2076	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard And Handicap Ramps								
Explanation : Recent Construction								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	75%			2045	* *			
Pavers/Stone	25%			2045	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Construction								
On-Site Walkways								
Asphalt	5%			2045	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 24th Avenue Play Yard Entrance								
Explanation : Recent Construction								
Cast in Place Concrete	40%			2037	* *			
Cast in Place Concrete	50%			2049	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Play Yard								
Explanation : Recent Construction								
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$5,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$260,100	5	$500	
Raceway								
Conduit	10%			2042	* *	1		
Conduit	90%			2032	$219,300	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$300	
Molded Case Bkrs	70%			2031	$209,600	5	$2,300	
Molded Case Bkrs	20%			2040	* *	5	$700	
Wiring								
Braided Cloth	80%	2-4	$273,500	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$145,200	5	$700	
Variable Frequency Drive	20%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$39,100	
Generators								
Diesel	100%			2041	* *	1	$49,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Located In Rear Yard								
Explanation : Stand Alone Enclosed Generator								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,700	
Fuel Storage								
Day Tank	100%			2048	* *	5		
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	50%			2037	* *	10	$58,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	50%			2037	* *			
Egress Lighting								
Emergency, Service	25%			2037	* *	1		
Emergency, Battery	25%			2027	$53,300	10	$7,700	
Exit, Service	50%			2027	$27,400	1		
Exterior Lighting								
HID	10%			2027	$59,300	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter And Roof								
Explanation : Controlled By Timer And Photocells								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$14,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallway, Inside And Outside The Building								
Explanation : Surveillance Cameras, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$23,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Hot Water Boiler	50%			2045	* *	1	$31,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Of New Wing								
Explanation : For New Wing								
Steam Boiler	50%			2037	* *	1	$62,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Old Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	50%			2048	* *	4	$4,700	
Steam Piping/Pump	50%			2032	$508,500			
Terminal Devices								
Air Handler	20%			2027	$478,000	1	$15,700	
Convector/Radiator	40%			2030	$415,400	1	$16,400	
Convector/Radiator	40%			2045	* *	1	$16,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	50%			2041	* *	1	$68,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper Roof								
Explanation : New Wing								
Split Unit	20%			2037	* *			
Window/Wall Unit	30%			2027	$144,300	1		
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2052	* *	4	$4,700	
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	50%			2037	* *	1	$20,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roofs								
Explanation : Roof Mounted Equipment								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$35,400	
Ductwork Stainless Steel	50%			LIFE	* *			
Exhaust Fans								
Roof	100%			2037	* *	2	$3,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And Penthouse								
Explanation : Two Units								
Sanitary Piping								
Cast Iron	100%	Now	$32,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Old Building At New Bathrooms On 1st Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$4,000	
Backflow Preventer								
No Component	50%							
Generic	50%			2037	* *	1	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : New Wing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : From 1st To 4th Floor In New Wing								
Explanation : Two Passenger Elevators								
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2052	* *	1-5	$32,000	
Sprinkler								
No Component	45%							
Generic	5%			2032	$87,800	1-2	$1,800	
Generic	50%			2052	* *	1-2	$17,800	
Fire Pump								
No Component	50%							
Generic	50%			2041	* *	1	$11,900	
Chemical System								
Not Accessible	90%							
Generic	10%			2030	$8,200	1-3	$8,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 101 - M**
Address : **141 EAST 111 STREET @ LEXINGTON AVE.**
Borough : **MANHATTAN**
Agency's Number : **M101**
Program / Asset # : **BOE0058.000 / 1714**
Yr Built/Renovated : **1910 / 2014**
Area Sq Ft : **119,000**
Project Type : **EDUCATION**
Date of Survey : **10-Jan-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,5**
Block : **1639** **Lot** : **1** **BIN** : **1081346**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$984,500	$1,334,400
Interior Architecture	$1,180,000	$10,035,000
Electrical	$290,600	$805,400
Mechanical	$341,800	$6,292,600
Site Pavements		$175,100
Total	**$2,796,800**	**$18,642,500**
Importance Code A	$984,500	$1,334,400
Importance Code B	$1,592,800	$17,308,000
Importance Code C	$219,500	
Total	**$2,796,800**	**$18,642,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,700		$18,400	
Interior Architecture	$98,900		$4,400	$22,400
Electrical	$13,300	$11,100	$13,700	$12,400
Mechanical	$113,800	$16,500	$26,300	$16,500
Site Enclosure	$3,900			
Site Pavements	$27,900			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$296,400**	**$32,600**	**$67,700**	**$56,300**
Importance Code A	$45,500	$11,800	$30,200	$11,800
Importance Code B	$207,300	$20,800	$33,200	$44,600
Importance Code C	$43,600		$4,400	
Total	**$296,400**	**$32,600**	**$67,700**	**$56,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$154,900	
Masonry: Brick	80%	Now	$653,000	LIFE	* *	5	$158,600	
Water Penetration, Extent : Severe, Area Affected : 2% *Location : Outside Room 508*								
Masonry: Granite	5%			LIFE	* *	5	$14,900	
Masonry: Limestone	10%			LIFE	* *	5	$29,700	
Windows								
Aluminum	90%			2041	* *	5	$36,800	
Wood	10%	Now	$164,000	2058	* *	5	$20,400	
Air Infiltration, Extent : Moderate, Area Affected : 100% *Location : Basement*								
Broken/Missing Elements, Extent : Moderate, Area Affected : 30% *Location : Basement*								
Thermally Inefficient, Extent : Moderate, Area Affected : 100% *Location : Basement*								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$105,400	
Metal Panel	5%			2043	* *	5	$3,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$22,800	
Roof								
Built-Up (BUR)	100%			2033	$1,011,700	10	$86,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2029	$182,500	3	$20,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : Newly Identified Component								
Cast in Place Concrete	5%	4+	$17,600	LIFE	* *	5	$22,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	8%	4+	$18,600	2036	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$6,400	
Traffic Topping	3%	Now	$295,400	2043	* *	5	$3,900	
Wrinkling, Extent : Severe, Area Affected : 80%								
Location : Stair Landings Throughout								
Vinyl Tile	47%	4+	$53,600	2033	$2,679,500	3	$36,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	4+	$364,200	2033	$7,284,600	3	$15,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwells								
Wood	10%	4+	$123,100	2048	* *	5	$19,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Gymnasium								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$8,700	
Masonry: Brick	10%	Now	$166,000	LIFE	* *			
Loose/Delam Surface, Extent : Light, Area Affected : 20%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Marble Panels	2%			LIFE	* *	10	$1,400	
Plaster	63%	Now	$53,500	LIFE	* *	5	$33,000	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Room 508								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$17,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2038	* *	5	$61,900	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$25,800	
Metal Panel	5%			LIFE	* *	5	$25,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Newly Identified Component								
Plaster	55%			LIFE	* *	5-10	$195,100	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Multipurpose Space								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2043	* *			
Iron Picket	15%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$3,900	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Central Play Yard At Ramp And Stairs								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$10,400	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Entry Stairs At 111th Street								
Parking/Driveway								
Asphalt	90%	0-2	$14,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%			2038	* *			
Activity Yard								
Asphalt	20%			2036	* *			
Rubber Matting	15%	Now	$3,100	2033	$62,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard								
Traffic Topping	65%			2033	$112,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 4,000 Amperes.								
Fused Disc Sw	20%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2059	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Vertical Sections								
Molded Case Bkrs	20%			2043	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Vertical Section								
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Molded Case Bkrs	15%			2049	* *	5	$500	
Molded Case Bkrs	75%			2032	$179,600	5	$2,400	
Wiring								
Braided Cloth	85%	2-4	$290,600	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$600	
Locally Mounted	20%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Grounding Was Replaced Two Years Ago.								
Lighting								
Interior Lighting								
Fluorescent	97%			2038	* *	10	$105,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2033	$99,900	10	$14,400	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	10%			2028	$55,500	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$44,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$73,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$117,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$47,600	2033	$952,900			
Leak Evident, Extent : Severe, Area Affected : 90%								
Location : Basement Condensate Return Piping And At Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2028	$447,900	1	$14,700	
Convector/Radiator	75%			2031	$729,800	1	$28,800	
Fan Coil Unit/Heat	5%			2028	$147,500	1	$1,900	
Controls								
Digital	100%	Now	$341,800	2031	$3,417,700			
Software Issue Suspected, Extent : Severe, Area Affected : 100%								
Location : Facility Has No Access To Controls, Equipment Run Manually								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	5%			2031	$94,100	2	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : Unit In 2 Sections In Adjacent Rooms								
Split Unit	25%			2038	* *			
Window/Wall Unit	65%			2028	$293,000	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$105,100	
Exhaust Fans								
Interior	30%			2028	$158,300	2	$1,100	
Roof	70%			2038	* *	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%	0-2	$9,100	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Meter Area								
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons. Quantity 3								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,200	2038	* *	4	$2,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$49,400	1-2	$1,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 101 - Q**		
Address	: **2 RUSSELL PLACE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q101**
Program / Asset #	: **BOE0752.000 / 1592**	**Yr Built/Renovated**	: **1927 / 2008**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3**		
Block	: **3270** **Lot** : **1**	**BIN**	: **4078312**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$524,000	$61,800
Interior Architecture	$188,600	$1,180,800
Electrical	$139,700	$545,000
Mechanical	$940,700	$1,507,100
Total	**$1,793,000**	**$3,294,800**
Importance Code A	$524,000	$61,800
Importance Code B	$1,080,400	$3,232,900
Importance Code C	$188,600	
Total	**$1,793,000**	**$3,294,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,000			$6,200
Interior Architecture			$6,100	$7,100
Electrical	$1,400	$1,500	$1,900	$136,900
Mechanical	$12,000	$7,800	$10,400	$24,900
Site Enclosure	$38,800			
Site Pavements	$93,500			
Total	**$149,800**	**$9,300**	**$18,300**	**$175,100**
Importance Code A	$9,500	$5,400	$5,400	$11,800
Importance Code B	$87,800	$3,800	$12,900	$163,300
Importance Code C	$52,600			
Total	**$149,800**	**$9,300**	**$18,300**	**$175,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$61,800	
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,200	
Windows								
Aluminum	100%	Now	$313,900	2048	* *	5	$8,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Various Locations Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Roof								
Cast in Place Concrete	5%			LIFE	* *			
Clay Tile	90%	0-2	$210,100	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout Especially At Rear								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout Espacially At Rear								
Explanation : Damaged Metal Gutters								
Copper/Terne	5%			2047	* *	10	$6,200	
Soffits								
Cast in Place Concrete	100%	4+	$4,000	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Under Exterior Stair. Russell Place								
Interior								
Floors								
Cast in Place Concrete	28%			LIFE	* *	5	$43,600	
Ceramic Tile	2%			2041	* *	5	$1,400	
Slate	2%			LIFE	* *	5	$1,500	
Vinyl Tile	60%			2032	$1,180,800	3	$16,000	
Wood	8%			2047	* *	5	$10,700	
Interior Walls								
Cast in Place Concrete	5%	Now	$133,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : At Basement								
Concrete Masonry Unit	5%	Now	$55,000	LIFE	* *	5	$2,300	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : At Basement								
Masonry: Brick	5%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$29,900	
Ceilings								
AcousTile,Adhered	5%			2037	* *	5	$3,600	
Exposed Struc: Concrete	5%			LIFE	* *	5	$600	
Exposed Struc: Concrete	25%			LIFE	* *	5	$2,800	
Plaster	65%			LIFE	* *	5	$28,900	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	95%	4+	$38,800	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Various								
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Various								
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Rear								
Explanation : Gate Needs Repair								
Iron Picket	5%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$40,900	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : At Front Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$13,800	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : At Playground								
Activity Yard								
Asphalt	100%	4+	$38,900	2035	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$22,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$200	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	10%			2040	* *	5	$100	
Molded Case Bkrs	80%			2031	$111,800	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Thermoplastic	20%			2032	$39,900	1		
Motor Controllers								
Locally Mounted	15%			2037	* *	5	$100	
Locally Mounted	85%			2030	$60,900	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Ground Bar Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	15%			2037	* *	10	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	80%			2040	* *	10	$40,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Battery	5%			2037	* *	10	$700	
Emergency, Battery	45%			2027	$41,500	10	$6,000	
Exit, Service	15%			2037	* *	1		
Exit, Service	35%			2027	$8,300	1		
Exterior Lighting								
HID	6%			2037	* *	10		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Facade								
Explanation : Bracket Wall Mounted								
Incandescent	4%			2027	$11,800	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Above The Exterior Door								
Explanation : Wall Mounted								
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$31,000	1	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway, Exit Doors And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	$28,400	1-3	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fire Alarm Panel At The Basement								
Explanation : Edwards System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$54,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	80%	Now	$61,900	2032	$1,237,300	4	$2,200	
Leak Evident, Extent : Severe, Area Affected : 80%								
Location : Vacuum Pump								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Return Piping Beyond Useful Life Cycle Limit								
Steam Traps Faulty, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Central Plant Steam Piping/Pmp	20%			2058	* *	4	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Relatively New Steam And Condensate Return Piping In Boiler Room Only								

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DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2027	$155,300	1	$5,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Blowers Are Beyond Their Useful Life Cycle Limit								
Convector/Radiator	60%			2030	$269,800	1	$10,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	25%			2027	$340,900	1	$4,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classroom Unit Ventilators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2027	$187,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$18,400	
No Component	40%							
Exhaust Fans								
Interior	80%			2027	$195,100	2	$1,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Interior Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Wall Unit	10%			2032	$2,400	2	$200	
No Component	10%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Piping From Leader To City Sewer Main								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Perimeter Wall								
Explanation : Roof Leader For Storm Water Are Disconnected From Gutter								
Sump Pump(s)								
Non-Submersible	100%			2032	$11,000	4	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	80%							
Generic	20%			2037	* *	1	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Covers Boilers Only								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 102 - BK**		
Address	: **211 72 STREET BTWN: 3 AVE., RIDGE BLVD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K102**
Program / Asset #	: **BOE0414.000 / 1375**	**Yr Built/Renovated**	: **1900 / 2010**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **5890** **Lot** : **1**	**BIN**	: **3146491**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$139,500	$187,300
Interior Architecture	$562,300	$522,000
Electrical	$337,400	$1,413,500
Mechanical	$1,125,000	$2,539,900
Total	**$2,164,200**	**$4,662,700**
Importance Code A	$139,500	$187,300
Importance Code B	$1,922,100	$4,301,400
Importance Code C	$102,600	$174,100
Total	**$2,164,200**	**$4,662,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$82,300	$47,700		$9,200
Electrical	$10,100	$22,100	$9,200	$9,100
Mechanical	$59,800	$41,900	$22,700	$13,600
Site Enclosure	$10,400			
Site Pavements	$16,700			
Total	**$179,300**	**$111,700**	**$31,900**	**$31,800**
Importance Code A	$9,600	$9,800	$9,600	$9,600
Importance Code B	$136,700	$101,900	$22,300	$22,200
Importance Code C	$33,000			
Total	**$179,300**	**$111,700**	**$31,900**	**$31,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BK

Asset # : 1375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$111,300	
Masonry: Brick	80%			LIFE	* *	5	$76,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%	Now	$139,500	2046	* *	5	$14,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor And Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$13,600	
Masonry: Brick	75%			LIFE	* *	5	$13,200	
Metal Cornice	15%			2058	* *	10	$8,500	
Roof								
Copper/Terne	5%			2058	* *	10	$7,500	
Modified Bitumen	65%			2038	* *	10	$38,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Slate	30%			LIFE	* *			
Interior								
Floors								
Carpet	1%			2031	$24,000	3	$2,000	
Cast in Place Concrete	20%			LIFE	* *	5	$59,300	
Ceramic Tile	3%	Now	$22,900	2033	$229,300	5	$2,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Third Floor Toilet								
Quarry Tile	2%			2047	* *	5	$4,100	
Sheet Vinyl/Rubber	5%			2038	* *	5	$10,200	
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	17%	0-2	$31,800	2040	* *	3	$8,600	
Adhesion Failure, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
Wood	13%	4+	$315,400	2045	* *	5	$16,500	
Uneven Surface, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	37%			2045	* *	5	$94,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BK

Asset # : 1375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	4+	$20,000	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2033	$174,100	5	$3,200	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%	Now	$7,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	0-2	$102,600	LIFE	* *	5	$25,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	5%			2047	* *	5	$8,500	
Exposed Struc: Concrete	20%			LIFE	* *	5	$4,200	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Metal Panel	5%			LIFE	* *	5	$8,500	
Plaster	70%	Now	$144,300	LIFE	* *	5	$59,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2050	* *			
Iron Picket	60%	4+	$5,500	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Masonry: Fieldstone	100%	2-4	$4,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	85%	2-4	$16,700	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	10%			2035	* *			
Traffic Topping	5%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 102 - BK
Asset # : 1375

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	85%			2030	$171,500	1		
Conduit	15%			2050	* *	1		
Panelboards								
Fused Disc Sw	1%			2029	$2,400	5		
Fused Knife Sw	3%			2029	$7,200	5	$100	
Fused Toggle Switch	1%			2029	$2,400	5		
Molded Case Bkrs	15%			2046	* *	5	$400	
Molded Case Bkrs	80%			2029	$191,600	5	$2,000	
Wiring								
Braided Cloth	80%			2029	$233,400	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$87,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Service	5%			2035	* *	1		
Emergency, Battery	45%			2035	* *	10	$10,500	
Exit, Service	48%			2030	$20,100	1		
Exit, Battery	2%			2030	$2,700	10	$100	
Exterior Lighting								
HID	90%			2030	$407,400	10	$300	
LED	10%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Roof								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BK

Asset # : 1375

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2030	$182,100	1	$36,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2025	$250,200	1-3	$59,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$96,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,500	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Explanation : Vacuum Pumps Vibrate And Are Making Noise								
Terminal Devices								
Air Handler	25%			2030	$456,300	1	$15,000	
Convector/Radiator	45%	Now	$7,100	2028	$356,900	1	$12,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fan Coil Unit/Heat	30%			2025	$721,500	1	$9,400	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$115,200			
Window/Wall Unit	70%			2025	$257,200	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,100	
Exhaust Fans								
Interior	85%	4+	$146,300	2030	$365,700	2	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	15%			2025	$28,200	2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BK

Asset # : 1375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$24,900	2030	$1,245,800	1		
Damaged, Extent : Severe, Area Affected : 5%								
Location : Water Main Valves Old Building								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$19,400	4	$2,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 102 - BX**		
Address	: **1827 ARCHER STREET @TAYLOR AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X102**
Program / Asset #	: **BOE0242.000 / 145**	**Yr Built/Renovated**	: **1931 / 2011**
Area Sq Ft	: **136,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3921** **Lot** : **30**	**BIN**	: **2028640**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,703,400	$299,500
Interior Architecture	$135,200	$2,586,800
Electrical	$481,800	$304,200
Mechanical	$390,400	$1,778,800
Total	**$2,710,800**	**$4,969,300**
Importance Code A	$1,703,400	$340,600
Importance Code B	$1,007,400	$4,628,700
Total	**$2,710,800**	**$4,969,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,300	$3,600		$21,800
Interior Architecture	$36,000	$61,200	$8,000	$5,300
Electrical	$11,700	$31,300	$12,400	$14,400
Mechanical	$76,100	$33,600	$49,300	$77,500
Site Enclosure	$2,800			
Site Pavements	$40,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$239,700**	**$133,700**	**$73,600**	**$122,900**
Importance Code A	$92,000	$17,100	$13,500	$35,500
Importance Code B	$91,000	$113,100	$60,100	$87,400
Importance Code C	$56,800	$3,500		
Total	**$239,700**	**$133,700**	**$73,600**	**$122,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,200	
Glass Block	5%			LIFE	* *	5	$6,500	
Masonry: Brick	80%			LIFE	* *	5	$166,300	
Masonry: Granite	5%			LIFE	* *	5	$7,800	
Metal Panel	5%			2052	* *	5-10	$71,500	
Windows								
Aluminum	100%	Now	$1,703,400	2048	* *	5	$29,800	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Classrooms								
Glazing Clouded, Extent : Severe, Area Affected : 80%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$14,600	
Concrete Masonry Unit	20%			LIFE	* *	5	$4,300	
Copper/Terne	5%			2067	* *	5	$4,600	
Masonry: Brick	35%			LIFE	* *	5	$6,600	
Metal Cornice	8%			2060	* *	10	$4,900	
Metal Security Bars	5%			2047	* *			
Pre-Cast Concrete	2%			LIFE	* *	5	$2,400	
Stucco Cement	15%			2045	* *	5	$7,300	
Roof								
Built-Up (BUR)	65%	4+	$36,600	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Roof								
Copper/Terne	5%			2060	* *	10	$12,100	
Modified Bitumen	30%	4+	$31,700	2037	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 4th Floor Classrooms								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,900	
Ceramic Tile	5%			2035	* *	5	$11,800	
Quarry Tile	3%			2037	* *	5	$10,700	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	35%			2037	* *	3	$31,100	
Vinyl Tile	27%			2032	$1,765,700	3	$24,000	
Wood	20%	2-4	$56,500	2047	* *	5	$44,400	
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2035	* *	5	$7,000	
Concrete Masonry Unit	30%			LIFE	* *	5	$27,800	
Gypsum Board	5%			LIFE	* *	5	$7,000	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	25%	Now	$28,200	LIFE	* *	5	$17,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Auditorium Window Perimeter								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2045	* *	5	$23,700	
AcousTileConcealSpLn	20%			2030	$761,900	5	$59,200	
AcousTileSusp.Lay-In	20%	Now	$78,700	2045	* *	5	$23,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rooms 401, 402, 403, 404, 405.								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Rooms 401, 402, 403, 404, 405.								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%	0-2	$7,800	LIFE	* *	5	$14,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Plaster	40%			LIFE	* *	5	$59,200	
Site Enclosure								
Fence/Gates								
Chain Link	85%			2052	* *			
Iron Picket	15%	Now	$2,800	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$15,100	2045	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Archer Street, Taylor Street								
On-Site Walkways								
Asphalt	85%	Now	$25,800	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Used As Parking Area								
Cast in Place Concrete	10%			2045	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	95%			2049	* *			
Rubber Matting	5%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2032	$41,100	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1600 Ampere And 1,200 Ampere Main Disconnect Switches For Services A, B And C								
Fused Disc Sw	20%			2042	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch For The Transformer								
Transformers								
Dry Type	100%			2037	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 500 Kilovolt Ampere, One 300 Kilovolt Ampere And One 30 Kilovolt Ampere 480/277 High Voltage - 208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$600	
Raceway								
Conduit	40%			2042	* *	1		
Conduit	60%			2032	$173,300	1		
Panelboards								
Fused Disc Sw	4%			2040	* *	5	$100	
Fused Disc Sw	6%			2031	$18,000	5	$200	
Molded Case Bkrs	60%			2040	* *	5	$2,100	
Molded Case Bkrs	30%			2031	$89,800	5	$1,100	
Wiring								
Braided Cloth	40%	2-4	$159,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	60%			2042	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$3,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$41,800	
Generators								
Diesel	100%			2035	* *	1	$52,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kilowatts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$30,300	
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallon Capacity								
Main Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$119,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2027	$75,400	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Chandelier Lights								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Service	60%			2037	* *	1		
Exit, Service	40%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$126,900	10	$100	
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$25,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bells, Horns, Smoke Detector, Pull Box And Fire Alarm								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$23,700	2045	* *	1	$121,200	
Damaged, Extent : Moderate, Area Affected : 2%								
Location : Louver At Boiler Room Does Not Work Automatically.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. Few Tubes Are Not Working In Both Boilers.								
Distribution								
Hot Wtr Piping/Pump	40%	0-2	$5,900	2040	* *	4	$2,700	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Building Management System Does Not Work								
Steam Piping/Pump	60%	Now	$13,100	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Pumps And Piping, Basement								
Terminal Devices								
Air Handler	40%	0-2	$51,200	2037	* *	1	$30,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Air Handler No. 2 At Penthouse								
Convector/Radiator	40%			2045	* *	1	$17,600	
Fan Coil Unit/Heat	20%			2032	$674,400	1	$8,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2032	$601,900	1	$18,900	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Penthouse								
Window/Wall Unit	50%			2027	$257,600	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2052	* *	4	$3,000	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2037	* *	1	$25,200	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2032	$94,500	2	$28,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2037	* *	2	$3,700	
Roof	10%			2032	$26,400	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$347,200	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$27,200	4	$4,300	
Backflow Preventer								
Generic	100%			2032	$60,700	1	$8,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Condemn Unit								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$71,100	
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,900	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 102 - M**				
Address	: **315 EAST 113 STREET @SECOND AVE.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M102**
Program / Asset #	: **BOE0444.000 / 1345**			**Yr Built/Renovated**	: **1914 / 2011**
Area Sq Ft	: **69,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Mar-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5**				
Block	: **1684**	**Lot**	: **101**	**BIN**	: **1081366**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$78,200
Interior Architecture	$1,247,300	
Electrical	$184,200	$307,700
Mechanical	$442,100	$551,300
Site Pavements	$164,500	
Total	**$2,038,100**	**$937,100**
Importance Code A	$240,600	$78,200
Importance Code B	$1,531,300	$858,900
Importance Code C	$266,200	
Total	**$2,038,100**	**$937,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,800			
Interior Architecture	$44,000			$10,200
Electrical	$1,700	$2,300	$1,700	$36,200
Mechanical	$35,800	$12,400	$18,800	$20,200
Total	**$92,300**	**$14,700**	**$20,500**	**$66,700**
Importance Code A	$10,800	$6,800	$6,800	$7,000
Importance Code B	$81,500	$7,800	$13,700	$59,700
Importance Code C				
Total	**$92,300**	**$14,700**	**$20,500**	**$66,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$34,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Masonry: Brick	88%			LIFE	* *	5	$78,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Facades								
Masonry: Granite	2%			LIFE	* *	5	$1,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Windows								
Aluminum	100%			2054	* *	5	$21,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Ceramic Tile	10%	4+	$224,900	2047	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Vinyl Tile	77%	0-2	$106,100	2037	* *	3	$28,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Various Locations Throughout								
Vinyl Tile 9" X 9"	5%	Now	$44,000	2042	* *	3	$1,900	
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : 1st Floor								
Wood	8%	4+	$285,500	2072	* *	5	$7,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Auditorium And Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$192,500	2047	* *	5	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout Bathrooms								
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Throughout Bathrooms								
Glass: Single Pane	3%			LIFE	* *	5	$2,600	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Loose/Delam Surface, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Next To General Office								
Plaster	52%	0-2	$73,800	LIFE	* *	5	$18,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	35%			LIFE	* *	5	$5,500	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : 5th Floor								
Exposed Struc: Steel	8%	2-4	$191,700	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 40%								
Location : Basement								
Plaster	57%	Now	$172,900	LIFE	* *	5	$35,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair Wells								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$164,500	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Parking/Driveway								
Asphalt	100%			2035	* *			
Activity Yard								
Rubber Matting	100%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : New Install								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$12,600	5	$100	
Fused Disc Sw	3%			2048	* *	5		
Molded Case Bkrs	90%			2048	* *	5	$1,600	
Wiring								
Braided Cloth	60%	2-4	$119,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2032	$20,000	1		
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$400	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$62,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$8,300	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$64,400	10		
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$25,900	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit Doors, Hallways And Some Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$12,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Pull Box, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$21,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	0-2	$240,600	2037	* *	1	$61,500	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Burner Leaking Oil								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$97,000	2042	* *	4	$3,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Traps, Throughout								
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : One Vacuum Pump Out Of Service								
Terminal Devices								
Air Handler	20%			2032	$259,700	1	$8,500	
Convector/Radiator	70%	Now	$7,900	2037	* *	1	$14,000	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Staircase								
Fan Coil Unit/Heat	10%			2032	$171,100	1	$2,200	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$10,500	2027	$104,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Various Locations. 50 Percent Of Window, Wall Units Are Either Obsolete Or Out Of Service								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,500	
Exhaust Fans								
Interior	10%			2032	$30,600	2	$200	
Roof	90%			2032	$120,500	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2042	* *	1		
Galvanized Steel	90%	Now	$15,900	2037	* *	1		
Corroded, Extent : Severe, Area Affected : 90%								
Location : Water Main, Basement								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$6,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2025	$2,100	4	$2,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,000	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 102 - Q**		
Address	: **55-24 VAN HORN STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q102**
Program / Asset #	: **BOE0753.000 / 1583**	**Yr Built/Renovated**	: **1923 / 2010**
Area Sq Ft	: **123,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **2879** **Lot** : **31**	**BIN**	: **4437597**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$71,100	$210,700
Interior Architecture	$320,300	$129,000
Electrical	$112,800	$279,500
Mechanical	$93,200	$551,600
Site Pavements		$98,600
Total	**$597,400**	**$1,269,400**
Importance Code A	$71,100	$218,400
Importance Code B	$526,300	$981,000
Importance Code C		$70,000
Total	**$597,400**	**$1,269,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,500		$44,200	$17,000
Interior Architecture	$128,000	$14,400	$9,100	$25,100
Electrical	$13,100	$17,100	$36,200	$13,900
Mechanical	$16,300	$16,100	$41,700	$17,600
Site Pavements	$13,700			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$196,500**	**$59,400**	**$143,100**	**$85,500**
Importance Code A	$21,400	$7,900	$52,400	$25,000
Importance Code B	$104,400	$39,800	$90,700	$54,700
Importance Code C	$70,600	$11,700		$5,800
Total	**$196,500**	**$59,400**	**$143,100**	**$85,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,000	
Glass Block	4%			LIFE	* *	5	$4,000	
Masonry: Brick	18%			LIFE	* *	5	$29,000	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Around Old Wing								
Masonry: Brick Cavity	55%			LIFE	* *	5	$88,700	
Masonry: Limestone	3%			LIFE	* *	5	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Around Old Wing								
Explanation : Sidewalk Shed								
Metal Panel	5%			2051	* *	5-10	$55,400	
Stucco Cement	2%			2036	* *	5	$8,100	
Window Wall	8%			2051	* *	5	$48,400	
Windows								
Aluminum	67%			2047	* *	5	$29,700	
Aluminum	30%			2039	* *	5	$13,300	
Glass Block	3%			LIFE	* *	5	$800	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$59,000	
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$5,300	
Masonry: Brick	25%			LIFE	* *	5	$5,700	
Masonry: Brick Cavity	30%			LIFE	* *	5	$6,900	
Metal Panel	2%			2051	* *	5	$1,800	
Metal Panel	5%			2057	* *	5	$4,400	
Metal Rail	10%			2048	* *	5-10	$41,300	
Roof								
IRMA/Protected Membrane	57%			2036	* *	10	$71,100	
Metal Panel	3%			2044	* *	10	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Connector Entry Way								
Explanation : Metal Panel Roof								
Skylight, Metal/Glass	1%			2051	* *	10	$4,200	
Under Construction	39%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Old Wing Roof								
Explanation : Plywood Laid Down For Construction								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,800	
Ceramic Tile	3%			2040	* *	5	$5,400	
Terrazzo	3%			LIFE	* *	5	$4,300	
Vinyl Tile	65%			2036	* *	3	$59,000	
Vinyl Tile 9" X 9"	20%	Now	$320,300	2041	* *	3	$13,600	
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors 1923 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors 1923 Wing								
Wood	2%			2059	* *	5	$6,800	
Wood	2%			2046	* *	5	$6,800	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$7,000	
Ceramic Tile	10%			2040	* *	5	$23,300	
Concrete Masonry Unit	7%			LIFE	* *	5	$6,500	
Folding Partition	2%			2047	* *	5	$11,700	
Glass: Single Pane	3%			LIFE	* *	5	$5,300	
Gypsum Board	50%			LIFE	* *	5	$70,000	
Masonry: Brick	5%	Now	$44,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plaster	20%	Now	$22,700	LIFE	* *	5	$14,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Drinking Fountain And Closet In Room 4-327								
Paint Peeling, Extent : Light, Area Affected : 1%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	5%			2036	* *	5	$11,300	
AcousTileSusp.Lay-In	65%	4+	$39,200	2044	* *	5	$59,000	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium, Corridors, And Lunchroom								
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,400	
Gypsum Board	5%			LIFE	* *	5	$11,300	
Plaster	20%			LIFE	* *	5	$22,700	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : Old Wing								
Explanation : Sidewalk Shed And Scaffolding								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	35%			2034	* *			
Cast in Place Concrete	65%			2036	* *			
Activity Yard								
Asphalt	70%	2-4	$11,700	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Playground								
Pavers/Stone	5%			2034	* *			
Rubber Matting	25%	Now	$2,000	2031	$98,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Playground								
Tripping Hazard, Extent : Severe, Area Affected : 1%								
Location : Rear Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	15%			2031	$7,700	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Fused Disc Sw	85%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	30%			2031	$73,100	1		
Conduit	70%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$15,000	5	$100	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	70%			2047	* *	5	$2,300	
Molded Case Bkrs	20%			2030	$59,900	5	$600	
Wiring								
Thermoplastic	70%			2051	* *	1		
Thermoplastic	30%			2031	$102,600	1		
Motor Controllers								
Locally Mounted	80%			2044	* *	5	$700	
Locally Mounted	20%			2029	$36,300	5	$200	

Ground

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$900	
Generic	50%			LIFE	* *	5	$900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$37,800	
Generators								
Diesel	100%			2040	* *	1	$47,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,600	
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$107,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2036	* *	10	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Service	40%			2036	* *	1		
Emergency, Battery	10%			2026	$20,600	10	$3,000	
Exit, LED	50%			2059	* *	1		
Exterior Lighting								
HID	30%			2036	* *	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$13,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	70%			2051	* *	1		
Interruptible Gas/Dual Fuel	30%			2051	* *	1		
Conversion Equipment								
Furnace	70%			2036	* *	1	$42,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 5 Rooftop Units.								
Steam Boiler	30%			2036	* *	1	$36,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	30%			2041	* *	4	$2,700	
No Component	70%							
Terminal Devices								
Air Handler	10%			2031	$231,500	1	$7,600	
Convector/Radiator	20%			2029	$201,200	1	$7,900	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	70%			2036	* *	2	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 5 Rooftop Package Units. R-407 Refrigerant								
Window/Wall Unit	20%			2026	$93,200	1		
No Component	10%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$20,600	
Ductwork/Diffusers	70%			LIFE	* *	2-5	$48,000	
Exhaust Fans								
Interior	10%			2031	$54,600	2	$400	
Roof	70%			2036	* *	2	$2,600	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2051	* *	1		
Brass/Copper	30%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,900	
Sewage Ejector(s)								
Electric	100%			2031	$64,400	4	$4,900	
Backflow Preventer								
Generic	100%			2036	* *	1	$7,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units From Basement To 4th Floor, 1 Condemn Unit From Basement To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	30%							
Generic	70%			2051	* *	1-2	$24,100	
Fire Pump								
No Component	30%							
Generic	70%			2040	* *	1	$16,100	
Chemical System								
No Component	99%							
Generic	1%			2029	$400	1-3	$400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 103 - BX**		
Address	: **4125 CARPENTER AVENUE @E. 229 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X103**
Program / Asset #	: **BOE0243.000 / 433**	**Yr Built/Renovated**	: **1932 / 2007**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4823** **Lot** : **1**	**BIN**	: **2062883**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$631,000	$217,600
Interior Architecture	$10,246,000	$816,900
Electrical	$391,000	$718,900
Mechanical	$479,200	$1,404,200
Total	**$11,747,000**	**$3,157,600**
Importance Code A	$631,000	$217,600
Importance Code B	$10,852,200	$2,940,100
Importance Code C	$263,900	
Total	**$11,747,000**	**$3,157,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,500		$7,500	
Interior Architecture	$40,400	$3,400	$25,400	$6,800
Electrical	$15,400	$3,400	$13,400	$2,900
Mechanical	$65,400	$12,200	$19,300	$12,200
Site Enclosure	$4,600			
Site Pavements	$55,400			
Total	**$237,800**	**$19,000**	**$65,600**	**$21,900**
Importance Code A	$65,000	$8,500	$16,200	$8,500
Importance Code B	$148,300	$10,500	$49,400	$13,400
Importance Code C	$24,500			
Total	**$237,800**	**$19,000**	**$65,600**	**$21,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$293,200	LIFE	* *	5	$71,200	
Masonry: Fieldstone	10%	0-2	$48,500	LIFE	* *	5	$7,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 229th Street Facade								
Masonry: Granite	3%			LIFE	* *	5	$2,100	
Masonry: Limestone	12%	0-2	$134,600	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Wood	100%			2047	* *	5	$292,700	
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$3,500	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Parapets								
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Parapet Copings								
Metal: Cage/Fence	10%			2044	* *	5-10	$13,600	
Under Construction	65%							
Roof								
Built-Up (BUR)	95%			2036	* *	10	$56,700	
Copper/Terne	5%			2066	* *	10	$7,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Stair Bulkhead Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Bulkhead Roof								
Explanation : Replacement In Progress								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$152,900	2046	* *	5	$3,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : All Toilets								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : All Toilets								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	20%			2031	$749,100	3	$10,200	
Vinyl Tile 9" X 9"	40%	Now	$191,400	2026	$9,571,800	3	$20,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : 1st, 2nd And 4th Floor Corridors And Classrooms								
Wood	20%			2046	* *	5	$50,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$174,100	2046	* *	5	$2,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms And Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Toilet Rooms And Kitchen								
Marble Panels	5%	4+	$18,600	LIFE	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 1%								
Location : Auditorium								
Plaster	70%	Now	$89,800	LIFE	* *	5	$22,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%	Now	$21,800	2044	* *	5	$3,400	
Adhesion Failure, Extent : Severe, Area Affected : 20%								
Location : Basement								
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,200	
Plaster	80%	4+	$66,000	LIFE	* *	5	$67,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 4th Floor Staircase								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	50%	4+	$4,600	2051	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Carpenter Avenue								
Explanation : Gates Broken								
Iron Picket	50%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$12,900	2044	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 229th Street								
On-Site Walkways								
Cast in Place Concrete	95%			2044	* *			
Masonry: Granite	5%	4+	$1,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Steps At Exit 1								
Activity Yard								
Asphalt	100%	Now	$41,200	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Play Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2031	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$12,000	5	$100	
Fused Toggle Switch	5%	2-4	$12,000	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2030	$191,600	5	$1,800	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$233,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2041	* *	1		
Motor Controllers								
Locally Mounted	60%			2036	* *	5	$300	
Motor Control Center	40%			2029	$118,200	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$77,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$10,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$80,300	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside, Hallways								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$16,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Gymnasium, Auditorium And Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : No.2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$85,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	30%	0-2	$48,600	2031	$485,500	1	$14,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement: Auditorium And Launchroom Unit Coil Leaking Water								
Convector/Radiator	40%			2036	* *	1	$11,100	
Fan Coil Unit/Heat	30%			2031	$639,700	1	$8,300	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Various: Broken Thermostat								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%	Now	$4,900	2026	$97,700	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,000	
Exhaust Fans								
Interior	100%			2026	$381,400	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$219,600	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Various								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$59,500	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 104 - BK**		
Address	: **9115 5TH AVENUE @92 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K104**
Program / Asset #	: **BOE0415.000 / 1376**	**Yr Built/Renovated**	: **1907 / 2008**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**		
Block	: **6088** **Lot** : **1**	**BIN**	: **3154775**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$856,200	$146,700
Interior Architecture	$780,200	$2,177,700
Electrical	$210,800	$972,400
Mechanical	$1,672,100	$2,244,400
Site Pavements	$77,600	
Total	**$3,597,100**	**$5,541,200**
Importance Code A	$856,200	$992,200
Importance Code B	$2,659,700	$4,549,000
Importance Code C	$81,100	
Total	**$3,597,100**	**$5,541,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$15,500
Interior Architecture	$114,100	$2,400	$8,100	$26,100
Electrical	$1,100	$3,000	$3,800	$33,600
Mechanical	$61,200	$13,600	$20,900	$56,400
Site Enclosure	$22,500			
Site Pavements	$16,200			
Total	**$215,200**	**$19,100**	**$32,800**	**$131,600**
Importance Code A	$9,600	$9,600	$9,600	$25,300
Importance Code B	$134,300	$9,500	$23,200	$106,300
Importance Code C	$71,300			
Total	**$215,200**	**$19,100**	**$32,800**	**$131,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$146,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Explanation : Scaffolding Installed Throughout Exterior								
Masonry: Limestone	5%			LIFE	* *	5	$5,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Explanation : Scaffolding Installed Throughout Exterior								
Windows								
Aluminum	100%	Now	$856,200	2040	* *	5	$22,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$11,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Masonry: Brick	85%			LIFE	* *	5	$17,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Pre-Cast Concrete	8%			LIFE	* *	5	$10,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	30%			2047	* *	10	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Under Construction								
Built-Up (BUR)	30%			2042	* *	10	$18,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Under Construction								
Copper/Terne	8%			2047	* *	10	$12,400	
Modified Bitumen	30%			2042	* *	10	$18,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Under Construction								
Skylight, Metal/Glass	2%			2062	* *	10	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Under Construction								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,600	
Ceramic Tile	3%			2035	* *	5	$4,800	
Terrazzo	5%	2-4	$15,100	LIFE	* *	5	$6,300	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Entry Lobby								
Vinyl Tile	7%	Now	$6,200	2032	$311,600	3	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Vinyl Tile	40%			2032	$1,780,500	3	$24,200	
Vinyl Tile 9" X 9"	10%	Now	$142,200	2042	* *	3	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Office And 1st Floor Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Office And 1st Floor Classrooms								
Wood	15%	Now	$288,300	2047	* *	5	$22,700	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Wood	15%			2047	* *	5	$45,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$48,000	2035	* *	5	$4,400	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,500	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	15%	Now	$31,800	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Basement								
Plaster	58%	Now	$49,300	LIFE	* *	5	$30,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Classroom								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	5%	Now	$60,400	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Metal Panel	2%	4+	$2,100	LIFE	* *	5	$4,000	
Bent/Warped Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Metal Panel	8%	Now	$42,700	LIFE	* *	5	$16,100	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Basement								
Explanation : Barrel Vault Corrugated Metal								
Plaster	85%	4+	$208,300	LIFE	* *	5	$85,600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : In Rooms 201,205,206, 328, 326, 324, 322 And 320								
Site Enclosure								
Fence/Gates								
Chain Link	32%			2052	* *			
Iron Picket	68%	0-2	$20,000	2067	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Concrete Base Of Fence								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Various								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$2,500	2076	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 92nd St And Rear Of School								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$77,600	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Various								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Shed Installed								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$3,300	2049	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 25%								
Location : Walkways								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Explanation : Scaffolding Installed								
Activity Yard								
Asphalt	95%	4+	$12,900	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	5%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$182,100	5	$300	
Fused Disc Sw	20%			2052	* *	5	$100	
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	80%			2031	$191,600	5	$2,000	
Molded Case Bkrs	10%			2048	* *	5	$300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	20%			2052	* *	1		
Thermoplastic	80%			2032	$233,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$84,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Service	50%			2027	$29,900	1		
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	15%	Now	$67,900	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
HID	15%			2027	$67,900	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$10,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$75,100	2042	* *	1-3	$16,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$225,600	5	$30,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	$845,500	1	$96,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units.								
Distribution								
Steam Piping/Pump	100%			2032	$776,800			
Terminal Devices								
Air Handler	4%	Now	$1,500	2027	$73,000	1	$2,200	
Broken, Extent : Severe, Area Affected : 3%								
Location : The Belts Of 2 Units Out Of 3. Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Air Handler	16%			2027	$292,100	1	$9,600	
Convector/Radiator	50%			2030	$396,600	1	$15,700	
Fan Coil Unit/Heat	25%			2027	$601,200	1	$7,800	
Unit Heater - Steam	5%			2027	$27,600	4	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2027	$275,600	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,100	
Exhaust Fans								
Interior	30%	Now	$6,500	2027	$129,100	2	$700	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Bathroom Exhaust Fans.								
Explanation : Defective Units								
Interior	70%			2027	$301,100	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	60%	0-2	$15,000	2042	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Boiler Room								
Brass/Copper	40%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	60%	Now	$14,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement Bathroom								
Broken, Extent : Severe, Area Affected : 5%								
Location : Basement								
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,800	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,900	2042	* *	4	$2,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Has Scheduled To Replace								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 15%								
Location : The Sinks, Various Locations.								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2032	$26,800	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 104 - Q**
Address : **26-01 MOTT AVENUE @BAY 28 STREET**
Borough : **QUEENS**
Agency's Number : **Q104**
Program / Asset # : **BOE0754.000 / 1585**
Yr Built/Renovated : **1937 / 2013**
Area Sq Ft : **69,000**
Project Type : **EDUCATION**
Date of Survey : **09-Mar-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **15693** **Lot** : **1**
BIN : **4442313**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$342,000	$730,200
Interior Architecture	$9,032,100	
Electrical	$231,700	$282,800
Mechanical	$1,133,300	$993,000
Total	**$10,739,100**	**$2,006,000**
Importance Code A	$342,000	$730,200
Importance Code B	$10,397,100	$1,275,800
Total	**$10,739,100**	**$2,006,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,500			$13,000
Interior Architecture	$41,400	$1,500	$7,900	$2,700
Electrical	$2,300	$2,700	$10,600	$2,400
Mechanical	$7,200	$3,400	$19,800	$4,100
Site Enclosure	$13,200			
Site Pavements	$24,300			$200
Total	**$96,900**	**$7,700**	**$38,200**	**$22,400**
Importance Code A	$8,500		$100	$13,000
Importance Code B	$64,300	$7,700	$38,000	$9,200
Importance Code C	$24,200			$200
Total	**$96,900**	**$7,700**	**$38,200**	**$22,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	0-2	$150,300	LIFE	* *	5	$91,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Mechanical Chimneys At Roof								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Exterior Repointing 2015								
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Exterior Repairs 2015								
Granite Panels	10%			LIFE	* *	5	$8,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Exterior Repairs 2015								
Windows								
Aluminum	100%			2047	* *	5	$26,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Window Replacement In 2015								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$19,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Repairs Completed In 2015								
Masonry: Limestone	15%	4+	$8,500	LIFE	* *	5	$4,300	
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Copping Stones								
Roof								
Built-Up (BUR)	100%	Now	$191,700	2031	$638,900			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 3%								
Location : Damaged Flashing, Caulking Worn At Mechanical Chimneys On Roof								
Soffits								
Masonry: Granite	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrances								
Explanation : Entrance Lintels								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$8,800	LIFE	* *	5	$11,300	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2040	* *	5	$3,100	
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	20%			2036	* *	3	$10,300	
Vinyl Tile 9" X 9"	49%			2026	$8,909,200	3	$18,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Classrooms, Stairs And Corridors								
Explanation : Good Condition								
Vinyl Tile 9" X 9"	1%	Now	$9,100	2041	* *	3	$400	
Adhesion Failure, Extent : Severe, Area Affected : 20%								
Location : Stair Landings At Bulkheads								
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Stair Landings At Bulkheads								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair Landings At Bulkheads								
Wood	20%	Now	$122,900	2059	* *	5	$19,300	
Deteriorated Finish, Extent : Severe, Area Affected : 75%								
Location : Classrooms Throughout								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,900	
Folding Partition	2%	2-4	$5,300	2039	* *	5	$2,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Door Hardware								
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : Patching								
Glass: Single Pane	5%	Now	$5,800	LIFE	* *	5	$3,600	
Glazing Broken/Cracked, Extent : Severe, Area Affected : 5%								
Location : Stairwells								
Masonry: Brick	8%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$15,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%	Now	$9,900	2044	* *	5	$7,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Teachers Lounge								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Teachers Lounge								
AcousTileSusp.Lay-In	3%			2036	* *	5	$3,100	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$45,100	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	10%	2-4	$1,200	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Poles And Frame								
Iron Picket	90%	2-4	$12,000	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$24,300	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Curbs Broken Off At Bay 28th Street And Westbourne Avenue								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bay 28th Street And Westbourne Avenue								
On-Site Walkways								
Cast in Place Concrete	90%			2044	* *			
Masonry: Granite	7%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Steps								
Explanation : Main Building								
Panel/Paver: Cer/Brk	2%			2047	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garden								
Explanation : Brick Pavers								
Panel/Paver: Bluestone	1%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garden								
Explanation : Pavers								
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Dumpster Area								
Explanation : Stained From Dumpsters								
Activity Yard								
Asphalt	90%			2040	* *			
Rubber Matting	10%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$9,000	5	$100	
Molded Case Bkrs	85%			2030	$152,700	5	$1,500	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	85%	2-4	$169,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$60,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Crawlspace								
Explanation : Compact Fluorescent Lights								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$8,300	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	10%			2031	$32,200	10		
LED	10%			2039	* *			
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$38,900	1	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement, Toilets, Gymnasium, Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	$158,300	5	$21,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Replacement Of Boiler Room Has Been Scheduled								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Replacement Of Boiler Room Has Been Scheduled. One Temperary Steam Boiler Is Being Used.								
Distribution								
Steam Piping/Pump	100%			2031	$552,500			
Terminal Devices								
Air Handler	30%			2026	$389,500	1	$12,800	
Convector/Radiator	50%			2029	$282,100	1	$11,100	
Fan Coil Unit/Heat	20%			2026	$342,200	1	$4,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2026	$156,800	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,500	
Exhaust Fans								
Interior	80%			2026	$244,800	2	$1,700	
Roof	20%			2036	* *	2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	20%	0-2	$3,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Boys Bathroom Leaks To Basement								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$1,500	
Backflow Preventer								
Generic	100%			2039	* *	1	$4,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$47,700	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 105 - BK**		
Address	: **1031 59TH STREET @ FT. HAMILTON PKWY.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K105**
Program / Asset #	: **BOE0416.000 / 2850**	**Yr Built/Renovated**	: **1926 / 2000**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5**		
Block	: **5702** **Lot** : **1**	**BIN**	: **3140612**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$315,100	$758,500
Interior Architecture	$13,468,400	$78,900
Electrical	$156,400	$1,334,100
Mechanical	$1,912,400	$1,444,700
Site Pavements		$143,200
Total	**$15,852,200**	**$3,759,400**
Importance Code A	$315,100	$784,200
Importance Code B	$15,263,900	$2,975,200
Importance Code C	$273,200	
Total	**$15,852,200**	**$3,759,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,400			$12,200
Interior Architecture	$14,700			$17,200
Electrical	$4,400	$6,200	$67,900	$3,900
Mechanical	$109,300	$18,000	$24,600	$15,700
Total	**$166,700**	**$24,200**	**$92,500**	**$48,900**
Importance Code A	$49,200	$10,800	$11,000	$23,000
Importance Code B	$117,500	$13,500	$81,500	$26,000
Importance Code C				
Total	**$166,700**	**$24,200**	**$92,500**	**$48,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$90,600	LIFE	* *	5	$37,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,200	
Masonry: Brick	90%	Now	$224,500	LIFE	* *	5	$136,300	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Along 5th Floor Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout West Wing								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Along 59th Street Throughout								
Windows								
Aluminum	8%	Now	$11,300	2047	* *	5	$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Classroom 514								
Aluminum	82%			2047	* *	5	$24,300	
Glass Block	4%			LIFE	* *	5	$700	
Metal Louvers	6%			2034	* *	10	$11,100	
Parapets								
Cast Stone/Terra Cotta	8%	Now	$11,200	LIFE	* *	5	$9,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$12,300	
Metal: Cage/Fence	7%			2044	* *	5-10	$8,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,800	
Roof								
Built-Up (BUR)	100%			2031	$563,000	10	$48,200	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$5,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,700	
Ceramic Tile	3%	0-2	$5,500	2034	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Marble Panels	2%			LIFE	* *	5	$2,400	
Vinyl Tile	40%	Now	$89,400	2036	* *	3	$24,300	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	45%	Now	$257,000	2026	$12,848,800	3	$27,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Wood	5%			2059	* *	5	$15,200	
Interior Walls								
Cast in Place Concrete	5%	Now	$131,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Wall - South Elevation								
Glass: Single Pane	5%			LIFE	* *	5	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell Dividing Walls And Transom Windows								
Explanation : Safety Glass								
Masonry: Brick	10%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	67%	Now	$141,400	LIFE	* *	5	$34,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 5th Floor Along 59th Street								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor Along 59th Street								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 5th Floor Along 59th Street								
Ceilings								
AcousTileSusp.Lay-In	2%			2044	* *	5	$3,200	
Exposed Struc: Concrete	20%			LIFE	* *	5	$5,100	
Plaster	75%			LIFE	* *	5	$75,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Along 59th Street								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : 5th Floor Along 59th Street								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Along 59th Street								
Plaster	3%			LIFE	* *	5	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Plaster								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%			2041	* *			
Iron Picket	75%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	70%			2034	* *			
Rubber Matting	30%			2031	$143,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2031	$25,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Fuse Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	75%			2031	$195,100	5	$400	
Fused Disc Sw	25%			2051	* *	5	$100	
Raceway								
Conduit	80%			2031	$195,000	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	2%			2030	$4,800	5	$100	
Molded Case Bkrs	90%			2030	$215,500	5	$2,600	
Molded Case Bkrs	8%			2039	* *	5	$200	
Wiring								
Braided Cloth	70%			2030	$239,300	1		
Thermoplastic	20%			2031	$68,400	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$94,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2036	* *	10	$2,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library								
Incandescent	2%			2026	$60,400	2	$100	
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2031	$73,200	10	$10,500	
Exit, Service	48%			2026	$22,600	1		
Exit, Battery	2%			2031	$3,100	10	$100	
Exterior Lighting								
HID	20%			2036	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$40,900	1	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2031	$140,600	1-3	$33,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Oil Tank								

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DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$108,000	
Recent Installation, Extent : N/A, Area Affected : 25%								
Location : Boilers Were Re-tubed And New Refractory Installed In Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Dual Fuel Steam Boilers.								
Distribution								
Central Plant Steam Piping/Pmp	14%	Now	$42,900	2061	* *	4	$800	
Insul. Deteriorating, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Vacuum/condensate Pump Located In Basement Boiler Room								
Recent Installation, Extent : N/A, Area Affected : 75%								
Location : Steam Traps And Thermostats Recently Installed In Various Locations								
Central Plant Steam Piping/Pmp	86%			2061	* *	4	$6,900	
Terminal Devices								
Air Handler	15%			2026	$307,700	1	$10,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	45%			2029	$401,100	1	$15,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	40%			2026	$1,081,000	1	$14,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Unit Ventilators In All Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2026	$330,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,800	
Exhaust Fans								
Interior	50%	Now	$48,300	2041	* *	2	$1,300	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : House Exhaust Fan Located In Basement Fan Room								
Interior	40%			2026	$193,400	2	$1,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Roof	10%			2031	$21,200	2	$300	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2041	* *	1		
Galvanized Steel	75%			2029	$1,043,600	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 215 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,200	2041	* *	4	$2,300	
Malfunctioning, Extent : Moderate, Area Affected : 33%								
Location : 1 Of 3 Defective Sump Pumps In Basement Mechanical Area								
Backflow Preventer								
Generic	100%			2036	* *	1	$6,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 105 - BX**		
Address	: **725 BRADY AVENUE @CRUGER AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X105**
Program / Asset #	: **BOE0245.000 / 2688**	**Yr Built/Renovated**	: **1930 / 2001**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4288** **Lot** : **1**	**BIN**	: **2048794**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$74,600	
Electrical	$297,800	$820,400
Mechanical	$895,000	$972,300
Site Enclosure	$81,700	
Total	**$1,349,100**	**$1,792,700**
Importance Code B	$1,349,100	$1,792,700
Total	**$1,349,100**	**$1,792,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$71,400			$3,300
Interior Architecture	$105,400	$3,200		$2,000
Electrical	$46,300	$3,100	$3,400	$69,600
Mechanical	$44,500	$26,400	$26,600	$43,600
Site Pavements	$12,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$284,100**	**$36,600**	**$33,900**	**$122,400**
Importance Code A	$80,700	$9,300	$9,300	$12,900
Importance Code B	$181,300	$26,100	$24,600	$109,500
Importance Code C	$22,100	$1,200		
Total	**$284,100**	**$36,600**	**$33,900**	**$122,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$15,300	
Masonry: Brick	85%			LIFE	* *	5	$16,700	
Masonry: Granite	5%	4+	$1,500	LIFE	* *	5	$700	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Various								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Various								
Windows								
Aluminum	100%	Now	$27,900	2048	* *	5	$2,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$2,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Main Roof								
Explanation : Some Covered With Liquid Applied Roofing								
Copper/Terne	10%			2052	* *	5	$2,700	
Masonry: Brick	83%			LIFE	* *	5	$4,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$700	
Roof								
Built-Up (BUR)	90%	Now	$42,000	2037	* *			
Debris on Roof, Extent : Light, Area Affected : 2%								
Location : Small Roofs Over Rear Entry Lobby								
Gravel/Slag Surface, Extent : Severe, Area Affected : 10%								
Location : Small Roofs Over Rear Entry Lobby								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Small Roofs Over Rear Entry Lobby								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair B, Minor In Room 451 And 428								
Copper/Terne	5%			2060	* *	10	$5,000	
Modified Bitumen	5%			2037	* *	10	$2,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$9,200	
Ceramic Tile	5%	Now	$3,000	2035	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Quarry Tile	3%	Now	$18,700	2052	* *	5	$500	
Worn/Eroded, Extent : Severe, Area Affected : 75%								
Location : Kitchen								
Sheet Vinyl/Rubber	2%	Now	$13,800	2042	* *	5	$300	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Auditorium								
Terrazzo	5%			LIFE	* *	5	$800	
Vinyl Tile	15%	Now	$26,300	2042	* *	3	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	40%	Now	$74,600	2042	* *	3	$3,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Classrooms And Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Multipurpose Area, Cafeteria, Corridors								
Explanation : 12x12 Vinyl Tiles								
Wood	10%			2035	* *	5	$4,000	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$2,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	Now	$20,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Plaster	55%			LIFE	* *	5	$7,800	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$10,200	2052	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, 1st Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, 1st Floor Corridors								
AcousTileSusp.Lay-In	5%			2037	* *	5	$1,100	
Exposed Struc: Concrete	25%			LIFE	* *	5	$800	
Metal Panel	3%	Now	$12,600	LIFE	* *	5	$800	
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Kitchen, Cafeteria, Corridors And Throughout								
Plaster	62%			LIFE	* *	5	$8,200	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2052	* *			
Iron Picket	50%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$81,700	2067	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Cruger Avenue, Brady Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,400	2045	* *			
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Holland Avenue								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$1,100	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Site Steps On Brady Avenue								
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	95%			2041	* *			
Cast in Place Concrete	5%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$159,300	5	$300	
Fused Disc Sw	30%			2058	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2058	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$19,200	5	$200	
Fused Disc Sw	2%			2054	* *	5		
Molded Case Bkrs	80%			2031	$191,600	5	$2,000	
Molded Case Bkrs	10%			2054	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$175,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2032	$87,500	1		
Thermoplastic	10%			2058	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$107,500	5	$600	
Locally Mounted	10%			2049	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2040	* *	10	$81,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2040	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$78,900	10	$11,300	
Exit, Service	50%			2027	$20,300	1		
Exterior Lighting								
HID	10%			2027	$43,900	10		
HID	10%	Now	$43,900	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$35,300	1	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bells, Horns, Smoke Detectors, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$29,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$93,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$52,900	2042	* *	4	$4,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Feed Water Pump Leaking								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Vacuum Pump Leaking								
Terminal Devices								
Air Handler	30%			2032	$530,700	1	$17,400	
Convector/Radiator	60%			2037	* *	1	$18,200	
Fan Coil Unit/Heat	10%	Now	$11,700	2027	$233,100	1	$2,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2037	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Main Distribution Frame Room								
Explanation : 1 Unit								
Window/Wall Unit	20%	0-2	$7,100	2027	$71,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Various								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$82,600	LIFE	* *	2-5	$52,400	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Vibration Separators Are Ripped								
Exhaust Fans								
Interior	95%			2027	$396,100	2	$2,700	
Roof	5%			2027	$9,100	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$360,000	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	0-2	$59,200	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$6,600	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Storm Drain Leaking And Washing Away Front Steps								
Backflow Preventer								
Generic	100%			2040	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground To 4th Floor								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$39,000	1-2	$800	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 105 - Q**		
Address	: **420 BEACH 51 STREET @ BEACH CHANNEL DR**		
Borough	: **QUEENS**	**Agency's Number**	: **Q105**
Program / Asset #	: **BOE0755.000 / 1586**	**Yr Built/Renovated**	: **1958 / 2014**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **15974** **Lot** : **3**	**BIN**	: **4302397**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$56,000	$156,900
Interior Architecture	$1,624,800	$13,379,600
Electrical	$175,000	$655,500
Mechanical		$3,645,900
Site Pavements	$57,100	
Total	**$1,913,000**	**$17,837,800**
Importance Code A	$56,000	$156,900
Importance Code B	$1,805,000	$17,680,900
Importance Code C	$52,000	
Total	**$1,913,000**	**$17,837,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$111,200		$42,300	$5,200
Interior Architecture	$275,800		$9,500	$9,500
Electrical	$17,900	$8,000	$9,900	$8,900
Mechanical	$43,000	$12,400	$19,000	$12,400
Total	**$447,900**	**$20,400**	**$80,800**	**$36,000**
Importance Code A	$119,700	$8,500	$50,900	$13,700
Importance Code B	$174,300	$11,900	$29,900	$22,300
Importance Code C	$153,900			
Total	**$447,900**	**$20,400**	**$80,800**	**$36,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$27,200	
Masonry: Brick	40%			LIFE	* *	5	$43,400	
Metal/Glass Curt Wall	55%			LIFE	* *	5	$112,000	
Windows								
Aluminum	100%			2049	* *	5	$36,400	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$4,000	LIFE	* *	5	$8,500	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%	Now	$34,900	LIFE	* *	5	$5,500	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	35%			2046	* *	5-10	$69,700	
Granite Panels	5%			LIFE	* *	5-10	$6,500	
Roof								
Built-Up (BUR)	12%	0-2	$8,700	2038	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Built-Up (BUR)	81%			2038	* *	10	$100,900	
Copper/Terne	2%			2061	* *	10	$6,200	
Roll Roofing	5%			2032	$40,400	5	$10,400	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$8,100	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$53,700	LIFE	* *	5	$13,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$35,600	2042	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And 2nd And 3rd Floor Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Bathrooms								
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile	20%			2038	* *	3	$9,500	
Vinyl Tile 9" X 9"	60%	Now	$1,338,000	2033	$13,379,600	3	$28,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout 2nd And 3rd Floor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd And 3rd Floor								
Wood	5%	4+	$37,700	2061	* *	5	$5,900	
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$34,700	2042	* *	5	$3,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen And 2nd And 3rd Floor Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And 2nd And 3rd Floor Bathrooms								
Concrete Masonry Unit	10%	Now	$39,500	LIFE	* *	5	$8,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement And Bulkhead Stair								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Glass Block	2%			LIFE	* *	10	$1,700	
Masonry: Brick	2%			LIFE	* *	10	$1,300	
Plaster	45%			LIFE	* *	5-10	$80,400	
SGFT/Glazed Masonry	33%			LIFE	* *	10	$34,700	
Wood	5%			LIFE	* *	5	$84,100	
Ceilings								
AcousTile,Adhered	10%	Now	$9,400	2038	* *	5	$6,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Corridors								
AcousTile,Adhered	10%			2038	* *	5	$12,600	
AcousTileSusp.Lay-In	10%			2046	* *	5	$12,600	
Exposed Struc: Concrete	5%	Now	$94,700	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Crawl Space At South Wing								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$15,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,600	
Metal Panel	5%			LIFE	* *	5	$15,800	
Plaster	45%	0-2	$86,500	LIFE	* *	5	$35,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Metal Rail	25%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Metal Guard Rail								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$57,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Rubber Matting	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Molded Case Bkrs	80%			2032	$191,600	5	$1,800	
Molded Case Bkrs	20%			2049	* *	5	$500	
Wiring								
Braided Cloth	60%	2-4	$175,000	2058	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	$87,500	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$59,700	5	$300	
Locally Mounted	50%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$77,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2028	$20,400	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2028	$57,700	10	$8,300	
Emergency, Battery	10%			2038	* *	10	$2,100	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$32,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$53,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : New Boiler Room								
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$85,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	90%			2033	$619,800			
Steam Piping/Pump	10%			2059	* *			
Terminal Devices								
Air Handler	30%			2028	$485,500	1	$16,000	
Convector/Radiator	70%			2031	$492,300	1	$19,400	
Controls								
Pneumatic	100%			2031	$1,662,100			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2031	$195,500	1		
No Component	15%							
Under Construction	25%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : 3 Rooftop Units, Installation Is In Progress.								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,900	
Exhaust Fans								
Interior	50%			2028	$190,700	2	$1,300	
Roof	50%			2041	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	5%	0-2	$1,100	2043	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valve And Piping, Basement								
Brass/Copper	95%			2043	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$1,600	2028	$2,600	4	$1,800	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement Vacuum Pump Room								
Explanation : Additional Unit Needed								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$35,700	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 106 - BK**		
Address	: **1314 PUTNAM AVENUE BTWN: WILSON AVE., KNICKERBOCKER**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K106**
Program / Asset #	: **BOE0417.000 / 1377**	**Yr Built/Renovated**	: **1894 / 2000**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3376** **Lot** : **34**	**BIN**	: **3077286**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$452,700	$160,400
Interior Architecture	$446,300	$2,191,800
Electrical	$899,100	$596,500
Mechanical	$283,000	$2,208,600
Total	**$2,081,100**	**$5,157,200**
Importance Code A	$452,700	$160,400
Importance Code B	$1,438,600	$4,611,500
Importance Code C	$189,700	$385,400
Total	**$2,081,100**	**$5,157,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,300	$43,200		
Interior Architecture	$122,400		$108,700	$10,000
Electrical	$29,300	$69,500	$8,600	$7,800
Mechanical	$88,700	$28,100	$12,600	$11,500
Site Enclosure	$20,600			
Site Pavements	$22,700			
Total	**$325,900**	**$140,800**	**$129,900**	**$29,200**
Importance Code A	$56,700	$51,600	$8,200	$8,200
Importance Code B	$196,300	$89,200	$121,700	$21,000
Importance Code C	$72,800			
Total	**$325,900**	**$140,800**	**$129,900**	**$29,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$331,300	LIFE	* *	5	$80,500	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Exits 1, 3, 6, 7, 8								
Masonry: Brownstone	15%	Now	$121,400	LIFE	* *	5	$12,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exit 6								
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Metal Panel	5%			2050	* *	5-10	$36,900	
Windows								
Aluminum	100%	4+	$34,600	2046	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Classroom 103								
Roof								
Asphalt Shingle	90%	Now	$7,700	2039	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Main Roof Hatch								
Explanation : Roof Hatch Not Functioning, Hinges Corroded								
Modified Bitumen	10%			2035	* *	10	$3,100	
Soffits								
Metal Panel	100%			2050	* *	5-10	$109,900	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	4+	$21,700	2026	$108,700	3	$9,200	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : 4th Floor Library								
Cast in Place Concrete	10%			LIFE	* *	5	$26,900	
Ceramic Tile	5%	Now	$17,300	2033	$346,500	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Teachers Toilets Throughout								
Vinyl Tile	43%	Now	$29,200	2030	$1,459,900	3	$19,800	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 301, 303								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms 301, 303 And Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Classroom 311								
Vinyl Tile 9" X 9"	2%	0-2	$21,700	2040	* *	3	$900	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Basement Electrical Room								
Wood	35%	Now	$256,600	2045	* *	5	$40,300	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Under Corridor Water Fountains And By Classroom Radiators								
Interior Walls								
Ceramic Tile	5%	Now	$19,300	2033	$385,400	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Concrete Masonry Unit	5%	Now	$13,200	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$53,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Mechanical Rooms								
Plaster	80%	Now	$136,300	LIFE	* *	5	$33,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Exits 1, 3, 6, 7, 8, And Library Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Exits 1, 3, 6, 7, 8, And 3rd Floor Classrooms Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	80%			LIFE	* *	5	$44,500	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$7,700	
Metal Panel	2%			LIFE	* *	5	$3,100	
Plaster	13%			LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Fourth Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%	0-2	$16,700	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : North Side Of Building								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Along Wilson Avenue								
Free Standing Walls								
Cast in Place Concrete	40%	Now	$900	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Exit 8								
Cast in Place Concrete	60%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$2,900	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Behind Dumpster								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$5,700	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$17,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Parking Lot And At Dumpster								
Activity Yard								
Cast in Place Concrete	80%			2043	* *			
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2030	$40,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2050	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere For Emergency Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	82%			2046	* *	5	$1,800	
Molded Case Bkrs	8%	2-4	$19,200	2055	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Panel B-s								
Wiring								
Braided Cloth	70%	2-4	$204,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	20%			2030	$58,300	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$300	
Locally Mounted	50%			2028	$59,700	5	$300	
Ground								
Grounding Devices								
Generic	100%	0-2	$2,100	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	91%			2038	* *	10	$69,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%	Now	$1,000	2030	$19,700			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Auditorium								
Incandescent	2%			2025	$46,000	2		
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Multipurpose Room								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$10,000	
Exit, Service	40%			2035	* *	1		
Exit, Service	10%			2025	$3,600	1		
Exterior Lighting								
HID	2%	Now	$2,300	2025	$7,700			
Outdr Lights On During Daytime, Extent : Light, Area Affected : 2%								
Location : West And East Walls								
HID	98%			2025	$379,500	10	$200	
Alarm								
Security System								
Generic	100%	Now	$93,500	2040	* *	1	$27,900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Custodians Office								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodians Office								
Explanation : Comm Failure								
Fire/Smoke Detection								
Generic, Analog	100%			2025	$214,100	1-3	$51,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7,000 Gallon								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$14,500	2035	* *	1	$74,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. Boiler No.2 Connection To Breeching Is Loose.								
Distribution								
Steam Piping/Pump	50%	Now	$6,600	2030	$332,300			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : 1 Of 2 Vacuum Pumps In Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	50%			2040	* *			
Terminal Devices								
Convector/Radiator	90%			2028	$610,800	1	$24,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2030	$205,800	1	$2,700	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	90%	Now	$14,100	2025	$283,000	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$4,600	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Toilet Rooms In Basement								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Kitchen Exhaust								
No Component	85%							
Exhaust Fans								
Roof	10%			2040	* *	2	$300	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Roof								
No Component	90%							
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	60%	0-2	$12,700	2028	$635,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Basement								
Explanation : 2 Of 3 Cold Water Fill Pumps Malfunctioning								
Galvanized Steel	40%			2028	$423,800	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2030	$17,100	2		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : 250 Gallon Unit In Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallon Unit And One 28 Gallon Temporary Unit Located In Kitchen.								
Sanitary Piping								
Cast Iron	100%	0-2	$20,900	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Explanation : Overfill Line At 2 Compartment Sink Not Functioning Properly.								
Storm Drain Piping								
Cast Iron	10%	Now	$11,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Back Ups During Heavy Rains								
Cracked, Extent : Severe, Area Affected : 80%								
Location : Cracked Pipe At The Cornelia Street Shop In Basement.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,300	2025	$16,600	4	$1,800	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : 1 Pump Set Flooded. Manual Operation Only. Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Dual System								
Backflow Preventer								
Generic	100%			2030	$37,100	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Services								
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%	2-4	$1,100	2040	* *	1-2	$1,000	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Test Valve In Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 106 - BX**
Address : **2120 ST. RAYMOND AVENUE @ODELL ST.**
Borough : **BRONX**
Agency's Number : **X106**
Program / Asset # : **BOE0246.000 / 407**
Yr Built/Renovated : **1932 / 2008**
Area Sq Ft : **78,200**
Project Type : **EDUCATION**
Date of Survey : **05-May-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,Ph**
Block : **3946** **Lot** : **7** **BIN** : **2041211**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$681,200	$906,300
Interior Architecture	$129,000	$4,122,600
Electrical		$170,300
Mechanical	$271,700	$1,575,200
Site Pavements		$55,400
Total	**$1,081,900**	**$6,829,700**
Importance Code A	$902,700	$906,300
Importance Code B	$179,200	$5,923,500
Total	**$1,081,900**	**$6,829,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,700		$2,200	
Interior Architecture	$139,100	$17,800	$7,800	$9,000
Electrical	$61,500	$10,700	$10,200	$11,200
Mechanical	$154,100	$31,200	$29,100	$21,800
Total	**$444,300**	**$59,700**	**$49,300**	**$42,000**
Importance Code A	$102,500	$6,400	$8,600	$6,400
Importance Code B	$267,300	$53,300	$40,700	$32,200
Importance Code C	$74,500			$3,400
Total	**$444,300**	**$59,700**	**$49,300**	**$42,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	$379,100	
Masonry: Brick	25%			LIFE	* *	5	$236,900	
Masonry: Granite	5%			LIFE	* *	5	$35,500	
Masonry: Limestone	20%	Now	$373,200	LIFE	* *	5	$71,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Building								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Main Building								
Masonry: Limestone	10%			LIFE	* *	5	$71,100	
Windows								
Aluminum	100%			2049	* *	5	$19,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$5,800	
Concrete Masonry Unit	15%			LIFE	* *	5-10	$3,300	
Masonry: Brick	50%			LIFE	* *	5-10	$13,900	
Masonry: Brick	15%			LIFE	* *	5-10	$4,200	
Masonry: Limestone	10%			LIFE	* *	5-10	$5,000	
Metal Rail	5%			2046	* *	5-10	$3,700	
Roof								
Built-Up (BUR)	63%			2033	$491,600	10	$42,100	
Copper/Terne	2%			2061	* *	10	$3,300	
IRMA/Protected Membrane	35%			2041	* *	10	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Addition								
Explanation : Precast Concrete Roof Pavers								
Soffits								
Metal Panel	100%			2059	* *	5-10	$700	
Interior								
Floors								
Carpet	2%			2034	* *	3	$3,400	
Cast in Place Concrete	5%			LIFE	* *	5	$24,700	
Ceramic Tile	5%			2042	* *	5	$5,600	
Quarry Tile	3%			2050	* *	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$8,800	
Vinyl Tile	30%			2038	* *	3	$12,700	
Vinyl Tile	25%			2041	* *	3	$10,600	
Vinyl Tile 9" X 9"	20%			2028	$3,981,800	3	$11,300	
Wood	5%	4+	$67,300	2048	* *	5	$5,300	
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout Classrooms								

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DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$12,000	
Ceramic Tile	7%			2042	* *	5	$6,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,800	
Gypsum Board	20%			LIFE	* *	5-10	$32,500	
Masonry: Brick	5%			LIFE	* *	10	$1,400	
Marble Panels	3%			LIFE	* *	10	$1,100	
Plaster	5%	Now	$11,600	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Plaster	30%			LIFE	* *	5-10	$24,400	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$9,600	
Ceilings								
AcousTile,Adhered	5%			2038	* *	5	$5,600	
AcousTileSusp.Lay-In	25%			2050	* *	5	$28,200	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$14,100	
Exposed Struc: Steel	2%			LIFE	* *	10	$4,500	
Fiber Board	8%	4+	$28,200	2033	$140,800			
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Plaster	50%			LIFE	* *	5-10	$96,900	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2043	* *			
Iron Picket	80%			2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Iron Picket	10%			2077	* *			
Masonry: Brick	5%			2059	* *			
Free Standing Walls								
Cast in Place Concrete	85%			2077	* *			
Masonry: Brick	15%			2059	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	30%			2036	* *			
Asphalt	35%			2042	* *			
Rubber Matting	15%			2041	* *			
Rubber Matting	20%			2033	$55,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Switches One Rated At 2,500 Amperes, One Rated At 400 Amperes And One Rated At 200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$300	
Raceway								
Conduit	50%			2033	$72,300	1		
Conduit	50%			2059	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$9,000	5	$100	
Fused Disc Sw	5%			2055	* *	5	$100	
Molded Case Bkrs	90%			2055	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	25%			2031	$29,900	5	$100	
Locally Mounted	25%			2046	* *	5	$100	
Variable Frequency Drive	50%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$24,100	
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							

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DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Capacity 60 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Capacity 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$68,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	30%			2033	$14,500	1		
Emergency, Battery	20%			2033	$26,300	10	$3,800	
Exit, LED	20%			2061	* *	1		
Exit, Battery	30%			2033	$33,200	10	$1,600	
Exterior Lighting								
HID	6%	0-2	$10,900	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Building Perimeter								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Timer								
LED	4%	Now	$3,400	2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Timer, On During Daytime								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$700	
Alarm								
Security System								
Generic	100%			2038	* *	1	$29,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%	0-2	$40,300	2038	* *	1-3	$43,800	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Lobby								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	* *	5	$24,200	
Conversion Equipment								
Furnace	5%			2038	* *	1	$1,900	
Hot Water Boiler	30%	Now	$12,500	2046	* *	1	$10,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Roof. Boiler Controls								
Steam Boiler	65%	Now	$221,500	2038	* *	1	$45,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%	0-2	$25,700	2049	* *	4	$1,200	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement. Corroded Feed Water Tank And Circulating Pump								
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement. Insulation Deteriorating								
Steam Piping/Pump	70%	Now	$21,900	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate, Vacuum Pump Leaking								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	10%	0-2	$14,700	2028	$147,200	1	$4,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Leaking Under The House Blower								
Convector/Radiator	60%	0-2	$19,200	2031	$383,700	1	$13,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fan Coil Unit/Heat	30%			2028	$581,700	1	$7,600	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	30%			2042	* *	1	$25,400	
Split Unit	10%			2038	* *			
Window/Wall Unit	50%	0-2	$14,800	2028	$148,100	1		
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : 10 Of The Units Are Not Working								
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2053	* *	4	$1,700	
No Component	70%							
Terminal Devices								
Air Handler/Dir Expansion	20%			2038	* *	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$48,300	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$20,700	
Exhaust Fans								
Interior	65%	Now	$4,500	2028	$225,400	2	$1,200	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Flexible Connections, Basement								
Roof	5%			2033	$7,600	2	$100	
Roof	30%			2038	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$50,200	2043	* *	1		
Pump(s) Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Booster Pumps								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2033	$40,900	4	$4,700	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,800	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$39,400	
Sprinkler								
No Component	60%							
Generic	40%			2053	* *	1-2	$8,800	
Fire Pump								
Generic	100%	Now	$3,700	2042	* *	1	$13,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 106 - Q**		
Address	: **180 BEACH 35 STREET @ EDGEMERE AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q106**
Program / Asset #	: **BOE0756.000 / 1587**	**Yr Built/Renovated**	: **1931 / 2013**
Area Sq Ft	: **23,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **15861** **Lot** : **35**	**BIN**	: **4441244**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$612,900
Interior Architecture		$974,800
Electrical		$128,800
Mechanical	$286,000	$58,700
Total	**$286,000**	**$1,775,200**
Importance Code A		$612,900
Importance Code B	$286,000	$1,162,300
Total	**$286,000**	**$1,775,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,100	$4,200	$6,400	$19,600
Interior Architecture	$107,200	$1,900		$9,900
Electrical	$25,400	$2,400	$2,500	$26,200
Mechanical	$3,400	$3,200	$3,700	$33,800
Site Enclosure	$2,200			
Site Pavements	$24,400			
Total	**$163,600**	**$11,800**	**$12,600**	**$89,600**
Importance Code A	$3,300	$6,500	$8,700	$21,900
Importance Code B	$120,100	$4,600	$3,900	$67,600
Importance Code C	$40,200	$600		
Total	**$163,600**	**$11,800**	**$12,600**	**$89,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$46,700	
Masonry: Granite	7%			LIFE	* *	5	$3,100	
Masonry: Limestone	13%			LIFE	* *	5	$5,700	
Windows								
Aluminum	95%			2031	$612,900	5	$12,900	
Metal Louvers	5%			2035	* *	10	$4,200	
Parapets								
Masonry: Brick	88%			LIFE	* *	5	$5,800	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Various Locations Throughout								
Metal: Cage/Fence	5%			2049	* *	5-10	$2,500	
Pre-Cast Concrete	7%			LIFE	* *	5	$2,900	
Roof								
Built-Up (BUR)	97%			2037	* *	10	$19,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Counter Flashings At Various Locations Are Missing								
Other Observation, Extent : Light, Area Affected : 2%								
Location : At Exit No.4								
Explanation : Evidence Of Water Leaks Coming From Roof								
Copper/Terne	3%			2060	* *	10	$1,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Metal Fascia Missing At Various Locations								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$9,600	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement Floor Painting Deteriorated								
Ceramic Tile	3%			2045	* *	5	$1,300	
Mosaic Tile	2%	0-2	$49,700	2052	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Staff Bathrooms								
Quarry Tile	2%			2045	* *	5	$1,300	
Terrazzo	3%			LIFE	* *	5	$1,000	
Vinyl Tile	80%	4+	$19,500	2032	$974,800	3	$13,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE				
Ceramic Tile	2%	Now	$27,500	2047	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Staff Bathrooms								
Ceramic Tile	3%			2045	* *	5	$1,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Student Bathrooms. 1st Floor								
Glass: Single Pane	5%			LIFE	* *	5	$1,600	
Masonry: Brick	10%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Rear Elevation								
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Gas Room, Basement								
Explanation : Evidence Of Water Leaks								
Metal: Cage/Fence	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	52%	0-2	$10,500	LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2037	* *	5	$11,000	
Exposed Struc: Concrete	15%			LIFE	* *	5	$1,000	
Plaster	65%			LIFE	* *	5	$17,900	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2052	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear And Side Yards Of School Lot								
Explanation : Are Under Construction								
Iron Picket	30%	Now	$2,200	2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Front Yard								
Free Standing Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$24,400	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Front Of Building								
On-Site Walkways								
Cast in Place Concrete	40%			2045	* *			
Masonry: Granite	60%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 106 - Q
Asset # : 1587

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2058	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3 Vertical Sections								
Raceway								
Conduit	80%			2032	$49,000	1		
Conduit	20%			2058	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	80%			2031	$79,800	5	$500	
Molded Case Bkrs	10%			2048	* *	5	$100	
Wiring								
Braided Cloth	30%	0-2	$23,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2042	* *	1		
Thermoplastic	20%			2058	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$100	
Locally Mounted	20%			2045	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Room								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$7,100	
Generators								
Diesel	100%			2041	* *	1	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At Rooftop								
Explanation : Caterpillar Brand, 50 Kilowatts, 62 Kilo Volt Amperes, 60 Hertz, 3 Phase, 208/120 Volts, Installed In Steel Platform.								
Fuel Storage								
Main Tank	100%			2060	* *	5		
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$21,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$2,800	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2032	$10,700	10		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At Facade, And Side Of The Building								
Explanation : Wallpack Type Light Fixture With Photocell								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$13,000	1	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors And Horns, Fire Alarm Control Panel Mircom Fx-2000 Brand.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$22,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	20%			2027	$86,600	1	$2,800	
Convector/Radiator	60%			2037	* *	1	$4,500	
Fan Coil Unit/Heat	20%			2027	$114,100	1	$1,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	98%			2027	$85,400	1		
No Component	2%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$3,800	
No Component	70%							
Exhaust Fans								
Interior	30%			2027	$30,600	2	$200	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$58,700	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$9,500	1-2	$200	
Other Observation, Extent : N/A, Area Affected : 1%								
Location : Basement								
Explanation : Few Heads At Paint Room And Storage Room.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 107 - BK**		
Address	: **1301 8TH AVENUE @ 13TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K107**
Program / Asset #	: **BOE0418.000 / 1378**	**Yr Built/Renovated**	: **1894 / 2010**
Area Sq Ft	: **40,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Apr-2022**	**Landmark Status**	: **EXTERIOR, HISTORICAL DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1101** **Lot** : **1**	**BIN**	: **3026517**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,176,200	$122,300
Interior Architecture	$327,500	
Electrical		$848,300
Mechanical		$1,171,900
Site Pavements	$118,400	
Total	**$1,622,100**	**$2,142,500**
Importance Code A	$1,176,200	$122,300
Importance Code B	$118,400	$2,020,200
Importance Code C	$327,500	
Total	**$1,622,100**	**$2,142,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,500	$5,400	$11,400	
Interior Architecture	$110,700		$9,700	$1,700
Electrical	$5,100	$3,700	$4,300	$4,500
Mechanical	$49,300	$34,300	$22,100	$20,600
Site Enclosure	$4,100			
Site Pavements	$46,300			
Total	**$252,900**	**$43,500**	**$47,400**	**$26,800**
Importance Code A	$41,400	$9,300	$15,300	$4,000
Importance Code B	$182,700	$34,100	$32,100	$22,800
Importance Code C	$28,800			
Total	**$252,900**	**$43,500**	**$47,400**	**$26,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$120,800	
Masonry: Brick	80%	Now	$1,115,800	LIFE	* *	5	$61,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : All Elevations								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Off 14th Street Play Yard								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 201 And Stairwells								
Masonry: Brownstone	10%			LIFE	* *	5	$11,600	
Windows								
Aluminum	100%			2055	* *	5	$10,700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$16,800	
Masonry: Brick	50%			LIFE	* *	5-10	$20,200	
Metal Panel	5%			2059	* *	5	$1,100	
No Component	35%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Sloped Roof								
Explanation : No Parates								
Roof								
Asphalt Shingle	70%			2046	* *	10	$3,000	
Built-Up (BUR)	10%	2-4	$1,600	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various, Low Roofs								
Metal Panel	18%			2046	* *	10	$8,400	
Modified Bitumen	2%			2038	* *	10	$500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,500	
Ceramic Tile	5%			2042	* *	5	$2,700	
Vinyl Tile	5%	Now	$40,600	2038	* *	3	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Basement								
Vinyl Tile	70%			2038	* *	3	$14,100	
Wood	10%			2061	* *	5	$10,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$5,600	2042	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	7%			LIFE	* *	5	$8,700	
Masonry: Brick	10%	Now	$162,000	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stairs A, B, C And D								
Plaster	80%	Now	$165,500	LIFE	* *	5	$37,300	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Rooms 201, 301, Stairs A, B, C And D And Electric Room								
Ceilings								
Exposed Struc: Wood	10%			LIFE	* *	10	$8,100	
Gypsum Board	10%			LIFE	* *	5-10	$18,500	
Plaster	80%	2-4	$28,600	LIFE	* *	5	$26,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	10%	0-2	$400	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Various								
Iron Picket	90%	2-4	$3,700	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Various								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$31,500	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 13th Street								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$14,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various								
Activity Yard								
Cast in Place Concrete	90%	2-4	$118,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Side Play Yard At 14th Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Side Play Yard								
Rubber Matting	10%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$900	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$653,100	10	$36,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$36,800	10	$4,800	
Exit, Service	50%			2033	$9,400	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$82,200	1	$14,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$113,000	1-3	$25,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke Detectors								

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$39,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units With 2 Heat Exchangers Convert Hot Water For Heating Devices.								
Distribution								
Hot Wtr Piping/Pump	95%			2032	$91,000	4	$2,800	
Corroded, Extent : Severe, Area Affected : 80%								
Location : Inside Of The Piping. Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Entire Piping Replacement Has Been Scheduled This Year According To Custodiant.								
Steam Piping/Pump	5%			2059	* *			
Terminal Devices								
Air Handler	30%			2033	$247,300	1	$7,400	
Convector/Radiator	50%			2046	* *	1	$6,500	
Fan Coil Unit/Heat	3%	Now	$1,600	2033	$32,600	1	$400	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Basement Bathrooms								
Fan Coil Unit/Heat	17%			2033	$184,600	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	15%	0-2	$7,800	2033	$156,000			
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : 2 Units. Attic								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Attic								
Explanation : Inefficient Units								
Window/Wall Unit	70%			2028	$116,200	1		
No Component	15%							
Terminal Devices								
Air Handler/Dir Expansion	15%			2033	$107,100	1		
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2033	$16,200	2	$4,200	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2033	$58,300	2	$400	
Roof	10%			2033	$8,500	2	$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%	0-2	$5,600	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve								
Brass/Copper	80%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$37,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit With One 120 Gallon Tank.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	50%							
Generic	50%			2041	* *	1	$1,200	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$20,200	
Sprinkler								
Generic	100%			2043	* *	1-2	$11,200	
Fire Pump								
Generic	100%	0-2	$2,100	2036	* *	1	$6,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Chemical System								
Generic	100%			2031	$178,700	1-3	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 40 Square Feet.								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 107 - BX**
Address : **1695 SEWARD AVENUE @ CROES AVE**
Borough : **BRONX**
Agency's Number : **X107**
Program / Asset # : **BOE0247.000 / 408**
Yr Built/Renovated : **1937 / 2002**
Area Sq Ft : **74,000**
Project Type : **EDUCATION**
Date of Survey : **23-Jun-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3591** **Lot** : **50** **BIN** : **2021972**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$604,100	$188,700
Interior Architecture	$970,700	$8,341,500
Electrical	$173,700	$2,085,600
Mechanical	$223,400	$2,509,200
Total	**$1,971,800**	**$13,125,100**
Importance Code A	$604,100	$188,700
Importance Code B	$1,315,400	$12,936,400
Importance Code C	$52,400	
Total	**$1,971,800**	**$13,125,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,400			
Interior Architecture	$94,200		$19,000	$5,900
Electrical	$9,400	$6,900	$7,500	$8,300
Mechanical	$38,500	$11,500	$16,900	$10,700
Total	**$181,600**	**$18,400**	**$43,300**	**$24,900**
Importance Code A	$46,700	$7,300	$7,300	$7,300
Importance Code B	$74,500	$11,100	$34,100	$17,600
Importance Code C	$60,400		$1,900	
Total	**$181,600**	**$18,400**	**$43,300**	**$24,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$471,600	LIFE	* *	5	$114,600	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Foundation Wall In Basement								
Masonry: Granite	5%			LIFE	* *	5	$10,100	
Masonry: Limestone	10%			LIFE	* *	5	$20,200	
Windows								
Aluminum	100%			2049	* *	5	$38,200	
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$95,500	
Masonry: Limestone	25%			LIFE	* *	5-10	$56,800	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$74,200	
Copper/Terne	5%	4+	$5,100	2048	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Stair D And C Bulkhead								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,400	
Ceramic Tile	5%			2036	* *	5	$5,900	
Terrazzo	5%			LIFE	* *	5	$9,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Entrance								
Vinyl Tile	15%			2038	* *	3	$6,600	
Vinyl Tile 9" X 9"	40%	Now	$829,000	2033	$8,290,500	3	$17,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Wood	25%			2048	* *	5	$55,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$23,800	
Ceramic Tile	2%			2036	* *	5	$3,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$15,200	
Masonry: Brick	5%			LIFE	* *	10	$2,900	
Marble Panels	3%			LIFE	* *	10	$2,300	
Plaster	50%			LIFE	* *	5-10	$81,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$23,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	22%			2046	* *	5	$24,000	
Exposed Struc: Concrete	3%			LIFE	* *	5-10	$4,100	
Plaster	10%			LIFE	* *	5-10	$18,700	
Plaster	60%			LIFE	* *	5-10	$112,300	
Plaster	5%			LIFE	* *	5-10	$9,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Plaster								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2043	* *			
Iron Picket	25%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	90%			2036	* *			
Cast in Place Concrete	10%			2038	* *			
Activity Yard								
Asphalt	80%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : New Installation								
Rubber Matting	20%			2043	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : New Installation								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2043	* *	1		
Panelboards								
Molded Case Bkrs	60%	Now	$53,900	2041	* *	5	$600	
Mech. Misoperation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	40%			2041	* *	5	$800	
Wiring								
Braided Cloth	60%	2-4	$119,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2043	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	$71,700	5	$300	
Locally Mounted	40%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$992,800	10	$61,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	10%			2033	$205,000			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Observed With One Light Not Working At Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2033	$62,100	10	$8,900	
Exit, Battery	50%			2033	$52,400	10	$2,500	
Exterior Lighting								
HID	10%			2028	$34,500	10		
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter And Rooftop								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$138,900	1	$27,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Manual Door Lock Security								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$190,900	1-3	$47,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$73,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$59,300	2033	$592,600			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Pump Of Storage Tank								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Piping Beyond Boiler Room								
Terminal Devices								
Air Handler	20%			2028	$278,500	1	$9,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room Blowers Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	80%			2031	$484,100	1	$19,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Radiators Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	20%			2038	* *			
Window/Wall Unit	25%			2032	$70,100	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Fourth Floor								
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,300	
Exhaust Fans								
Interior	100%	0-2	$164,100	2033	$328,200	2	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : House Exhaust Broken Bearing								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%	Now	$3,800	2043	* *	1		
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Valves On All Floors								
Galvanized Steel	80%			2031	$755,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, Domestic Hot And Cold Water Piping Is Beyond Useful Life Cycle Rating								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 100 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$14,800	4	$2,300	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 107 - Q**
Address : **167-02 45 AVENUE**
Borough : **QUEENS**
Agency's Number : **Q107**
Program / Asset # : **BOE0757.000 / 189**
Yr Built/Renovated : **1925 / 2001**
Area Sq Ft : **119,000**
Project Type : **EDUCATION**
Date of Survey : **02-Dec-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **5446** **Lot** : **18** **BIN** : **4123454**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$848,000	$236,700
Interior Architecture	$6,269,700	
Electrical	$256,400	$874,100
Mechanical	$389,000	$4,866,500
Site Pavements		$446,400
Total	**$7,763,100**	**$6,423,700**
Importance Code A	$1,237,000	$236,700
Importance Code B	$6,465,900	$6,187,000
Importance Code C	$60,200	
Total	**$7,763,100**	**$6,423,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$112,100			
Interior Architecture	$88,700		$14,800	$22,300
Electrical	$32,400	$19,400	$22,000	$22,900
Mechanical	$97,500	$73,600	$52,100	$41,000
Site Pavements	$42,000			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$382,600**	**$102,900**	**$98,700**	**$96,100**
Importance Code A	$139,900	$10,300	$10,300	$10,300
Importance Code B	$226,300	$92,600	$88,400	$80,700
Importance Code C	$16,400			$5,100
Total	**$382,600**	**$102,900**	**$98,700**	**$96,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$149,100	
Masonry: Brick	50%			LIFE	* *	5	$190,800	
Masonry: Brick Cavity	35%	Now	$581,600	LIFE	* *	5	$66,800	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Upper Floors								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : West Fan Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : West Fan Room								
Masonry: Granite	2%			LIFE	* *	5	$5,700	
Masonry: Limestone	3%			LIFE	* *	5	$8,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$62,000	
Windows								
Aluminum	100%			2049	* *	5	$55,600	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$19,000	LIFE	* *	5	$8,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout Coping								
Masonry: Brick Cavity	92%	Now	$96,500	LIFE	* *	5	$19,200	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Pre-Cast Concrete	3%			LIFE	* *	5	$7,900	
Roof								
Built-Up (BUR)	20%			2038	* *	10	$17,000	
Copper/Terne	5%			2061	* *	10	$10,600	
Modified Bitumen	25%	Now	$23,200	2038	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Play Surface	50%			2038	* *	10	$42,500	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2029	$56,400	3	$6,400	
Cast in Place Concrete	5%	Now	$67,800	LIFE	* *	5	$17,400	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Electrical Room, Pit Area								
Ceramic Tile	3%			2036	* *	5	$4,800	
Marble Panels	5%			LIFE	* *	5	$12,000	
Terrazzo	3%			LIFE	* *	5	$7,500	
Vinyl Tile	58%	Now	$511,200	2038	* *	3	$34,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 2001 Wing								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : 2001 Wing								
Vinyl Tile 9" X 9"	20%	Now	$5,630,500	2043	* *	3	$12,000	
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	4%			2048	* *	5	$12,000	
Interior Walls								
Ceramic Tile	12%			2042	* *	5	$10,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,800	
Glass: Single Pane	2%			LIFE	* *	5	$2,600	
Gypsum Board	10%			LIFE	* *	5-10	$14,500	
Masonry: Brick	5%			LIFE	* *	10	$1,300	
Marble Panels	3%			LIFE	* *	10	$1,000	
Plaster	58%	Now	$60,200	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Staircase Behind Auditorium								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	25%			2046	* *	5	$24,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Corridor 2001 Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Corridor 2001 Wing								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$12,400	
Gypsum Board	5%			LIFE	* *	5-10	$17,000	
Metal Panel	5%			LIFE	* *	5	$12,400	
Plaster	55%	Now	$33,200	LIFE	* *	5	$34,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Exit 6								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Exit 6								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	35%			2053	* *			
Iron Picket	65%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Asphalt	50%	0-2	$42,000	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	5%			2046	* *			
Rubber Matting	45%			2033	$446,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2053	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Old Wing								
Explanation : One 2,500 Ampere Main Disconnect Switch For Old Wing								
Fused Disc Sw	30%			2053	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room New Wing								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2053	* *	5	$300	
Fused Disc Sw	50%			2033	$130,000	5	$300	
Raceway								
Conduit	25%			2053	* *	1		
Conduit	75%			2033	$182,800	1		
Panelboards								
Fused Disc Sw	7%			2032	$16,800	5	$200	
Fused Disc Sw	3%			2049	* *	5	$100	
Molded Case Bkrs	25%			2049	* *	5	$800	
Molded Case Bkrs	65%			2032	$155,700	5	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	2-4	$256,400	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	25%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$127,000	5	$600	
Locally Mounted	30%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,700	
Generic	50%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$36,600	
Generators								
Diesel	100%			2042	* *	1	$46,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 300 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,400	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$104,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamp								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	20%			2038	* *	1		
Emergency, Battery	30%			2028	$59,900	10	$8,600	
Exit, Service	40%			2038	* *	1		
Exit, Service	10%			2028	$5,100	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$22,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	50%			2028	$111,700	1	$22,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$73,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Buiiding								
Explanation : Strbe Lights, Horns, Smoke Detectors, Pull Boxes And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$36,900	
Conversion Equipment								
Furnace	25%	0-2	$27,800	2038	* *	1	$13,200	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : 2 Units On The Roof								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Roof Of 2001 Addition								
Explanation : Six Rooftop Units, Furnace, Air Conditioning								
Steam Boiler	75%	Now	$389,000	2038	* *	1	$79,600	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Boiler No. 3 In The Basement								
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Boiler No. 1 And No. 2 Burners, Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room. Boiler No. 3 Is Not Working								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement								
Explanation : Three Units								
Distribution								
Central Plant Steam Piping/Pmp	75%			2033	$2,509,700	4	$6,600	
No Component	25%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2028	$447,900	1	$14,700	
Convector/Radiator	55%			2031	$535,200	1	$21,100	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2033	$499,800	2	$1,800	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : Roof Of New Addition								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Roof Of New Addition								
Explanation : Six Rooftop Units								
Window/Wall Unit	10%	Now	$900	2028	$45,100	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Room 313								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$105,100	
Exhaust Fans								
Interior	75%			2028	$395,800	2	$2,700	
Roof	25%			2033	$57,700	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$23,800	4	$3,800	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$4,700	
Backflow Preventer								
Generic	100%			2033	$53,100	1	$7,300	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement Through Fifth Floor								
Explanation : One Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : First Floor Through Second Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$8,300	
Chemical System								
Generic	100%			2031	$367,200	1-3	$334,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System Covers 90 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 108 - BK**		
Address	: **200 LINWOOD STREET @ ARLINGTON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K108**
Program / Asset #	: **BOE0419.000 / 1379**	**Yr Built/Renovated**	: **1895 / 2004**
Area Sq Ft	: **65,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2020**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Att**		
Block	: **3926** **Lot** : **45**	**BIN**	: **3087131**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$183,400
Interior Architecture	$170,700	
Electrical	$173,000	$551,200
Mechanical	$380,700	$1,980,100
Total	**$724,400**	**$2,714,700**
Importance Code A		$183,400
Importance Code B	$651,400	$2,531,300
Importance Code C	$73,000	
Total	**$724,400**	**$2,714,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$98,700			
Interior Architecture	$108,700	$2,900		$7,500
Electrical	$61,100	$2,000	$22,300	$1,500
Mechanical	$9,000	$9,100	$10,900	$9,800
Site Pavements	$9,000			
Total	**$286,500**	**$14,000**	**$33,200**	**$18,800**
Importance Code A	$105,100	$6,400	$6,600	$6,400
Importance Code B	$131,700	$4,700	$26,700	$12,400
Importance Code C	$49,700	$2,900		
Total	**$286,500**	**$14,000**	**$33,200**	**$18,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BK

Asset # : 1379

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$75,500	
Masonry: Brownstone	15%			LIFE	* *	5	$10,000	
Windows								
Wood	100%	0-2	$47,500	2047	* *	5	$107,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Hardware Missing, Extent : Light, Area Affected : 5%								
Location : Classrooms Throughout								
Roof								
Modified Bitumen	23%	0-2	$6,900	2036	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Skylight, Metal/Glass	2%	Now	$15,500	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Slate	75%	Now	$28,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Soffits								
Embossed Metal	15%			LIFE	* *	5		
Wood	85%			2036	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,900	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	5%	0-2	$6,200	2040	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Vinyl Tile	60%	Now	$36,200	2036	* *	3	$22,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Kitchens Throughout								
Wood	30%	Now	$97,700	2046	* *	5	$28,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Classrooms Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Classrooms At Radiators								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BK

Asset # : 1379

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$5,800	
Masonry: Brick	15%	Now	$73,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	80%	Now	$49,700	LIFE	* *	5	$28,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Stairs And Corridors								
Ceilings								
Embossed Metal	75%			LIFE	* *	5	$33,700	
Plaster	25%	Now	$16,600	LIFE	* *	5	$15,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout 4th Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2051	* *			
Iron Picket	75%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$9,000	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Corner Of Arlington Avenue And Linwood Street								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Rubber Matting	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BK

Asset # : 1379

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2031	$126,700	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$19,700	5	$200	
Molded Case Bkrs	80%			2030	$157,400	5	$1,400	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$131,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2031	$65,600	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	45%			2029	$58,900	5	$200	
Locally Mounted	55%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	100%			2041	* *	10	$59,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	35%			2026	$41,800	10	$5,500	
Emergency, Battery	15%	Now	$17,900	2041	* *			
Damaged Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exit, Service	50%			2026	$15,300	1		
Exterior Lighting								
HID	25%	Now	$41,500	2031	$83,000			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter And Roof								
No Component	75%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$4,900	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$8,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BK

Asset # : 1379

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$64,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2031	$570,100			
Terminal Devices								
Convector/Radiator	90%			2029	$523,900	1	$18,900	
Fan Coil Unit/Heat	10%			2036	* *	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2029	$116,000	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic								
Explanation : 2 Units Serve 4th Floor								
Window/Wall Unit	90%			2026	$242,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$10,900	
No Component	70%							
Exhaust Fans								
Interior	100%	Now	$63,100	2031	$315,700	2	$1,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : 2 Inline Fans In Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$454,400	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$74,800	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200-gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$14,300	4	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BK

Asset # : 1379

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2036	* *	1	$4,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$49,200	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 108 - BX**		
Address	: **1166 NEILL AVENUE BTWN: HERING AVE., YATES AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X108**
Program / Asset #	: **BOE0248.000 / 409**	**Yr Built/Renovated**	: **1938 / 2014**
Area Sq Ft	: **43,973**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4275** **Lot** : **1**	**BIN**	: **2048608**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$107,100	$72,100
Interior Architecture	$4,277,500	
Electrical	$176,000	$857,600
Mechanical	$929,900	$597,600
Site Pavements	$363,900	
Total	**$5,854,400**	**$1,527,300**
Importance Code A	$107,100	$72,100
Importance Code B	$5,555,600	$1,455,200
Importance Code C	$191,600	
Total	**$5,854,400**	**$1,527,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$3,800		
Interior Architecture	$122,800			$4,500
Electrical	$900	$3,000	$2,700	$3,400
Mechanical	$15,400	$6,300	$9,500	$6,800
Site Enclosure	$15,700			
Total	**$154,800**	**$13,200**	**$12,200**	**$14,800**
Importance Code A	$4,400	$8,200	$4,400	$4,400
Importance Code B	$115,900	$4,900	$7,900	$10,400
Importance Code C	$34,500			
Total	**$154,800**	**$13,200**	**$12,200**	**$14,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$72,100	
Masonry: Granite	5%			LIFE	* *	5	$3,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	100%	Now	$107,100	2046	* *	5	$11,200	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,600	
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$28,800	
Copper/Terne	5%			2065	* *	10	$3,800	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$5,600	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Cast in Place Concrete	5%			LIFE	* *	5	$7,200	
Ceramic Tile	3%	Now	$44,500	2045	* *	5	$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Toilet Rooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	4+	$2,500	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%	4+	$7,300	2035	* *	3	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	35%	2-4	$81,300	2025	$4,065,700	3	$8,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	30%			2058	* *	5	$37,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	Now	$74,100	2045	* *	5	$1,100	
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Toilet Rooms								
Masonry: Brick	10%			LIFE	* *			
Plaster	62%	2-4	$56,400	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	20%	Now	$26,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$6,600	
Plaster	90%	4+	$36,000	LIFE	* *	5	$37,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%	4+	$7,600	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout Perimeter Of Site								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$8,100	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Hering Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$157,700	2043	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Hering And Yates Avenues								
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$61,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps And Ramp								
Pavers/Stone	10%			2039	* *			
Activity Yard								
Asphalt	90%	0-2	$145,100	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Play Yard								
Rubber Matting	10%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	70%			2030	$56,700	1		
Conduit	30%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5	$100	
Fused Disc Sw	5%			2029	$7,000	5	$100	
Molded Case Bkrs	60%			2029	$83,800	5	$700	
Molded Case Bkrs	30%			2038	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$73,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$642,400	10	$39,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2030	$13,100	10	$800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Crawlspace								
Egress Lighting								
Emergency, Battery	50%			2030	$36,900	10	$5,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2030	$61,600	10		
No Component	70%							
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2033	$1,300	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stacks Only								
Explanation : Lightning Rods								
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$24,800	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	10%							
Generic, Analog	90%	2-4	$102,100	2040	* *	1-3	$22,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$43,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Natural Gas Steam Boilers								
Distribution								
Steam Piping/Pump	10%			2056	* *			
Steam Piping/Pump	90%	0-2	$6,300	2030	$316,900			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pumps, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2025	$165,500	1	$5,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	5%	0-2	$400	2035	* *	1	$600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor On Top Of Custodian Office.								
Convector/Radiator	35%			2035	* *	1	$5,000	
Fan Coil Unit/Heat	40%			2025	$436,100	1	$5,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$2,700	2025	$133,300	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$24,500	
Exhaust Fans								
Interior	100%			2025	$195,000	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2028	$280,700	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 108 - M**		
Address	: **1615 MADISON AVENUE @ E.109 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M108**
Program / Asset #	: **BOE0060.000 / 1702**	**Yr Built/Renovated**	: **1952 / 1999**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,Ph**		
Block	: **1614** **Lot** : **21**	**BIN**	: **1051584**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$769,900	$897,200
Interior Architecture	$503,100	$3,047,000
Electrical	$255,800	$1,689,700
Mechanical	$252,700	$4,461,900
Total	**$1,781,600**	**$10,095,800**
Importance Code A	$769,900	$897,200
Importance Code B	$570,700	$9,198,600
Importance Code C	$441,000	
Total	**$1,781,600**	**$10,095,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,800			
Interior Architecture	$102,000			$13,300
Electrical	$83,800	$4,900	$5,900	$6,900
Mechanical	$75,700	$17,000	$19,000	$12,600
Site Pavements	$16,200			
Total	**$326,500**	**$21,900**	**$25,000**	**$32,800**
Importance Code A	$57,500	$8,700	$8,700	$8,700
Importance Code B	$230,300	$13,200	$16,200	$24,000
Importance Code C	$38,700			
Total	**$326,500**	**$21,900**	**$25,000**	**$32,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$186,600	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$15,600	
Windows								
Aluminum	100%	Now	$515,800	2041	* *	5	$18,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$43,700	
Painted Surfaces, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$4,100	
Roof								
Built-Up (BUR)	100%	Now	$160,800	2033	$803,900			1
Drains Clogged, Extent : Severe, Area Affected : 5%								
Location : High Roof								
Miss/Damaged Flashings, Extent : Light, Area Affected : 30%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 40%								
Location : High Roof								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,000	
Ceramic Tile	5%	4+	$7,500	2036	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$10,400	
Vinyl Tile	80%			2033	$2,928,900	3	$53,000	
Wood	5%			2048	* *	5	$12,400	
Interior Walls								
Cast in Place Concrete	2%	Now	$32,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Air Handling Unit Room Next To Boiler Room And Throughout Basement								
Ceramic Tile	3%	2-4	$178,700	2036	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : All Bathrooms								
Marble Panels	5%			LIFE	* *	10	$4,300	
Plaster	70%	0-2	$184,400	LIFE	* *	5	$45,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%	2-4	$77,900	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	2-4	$15,200	2038	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	0-2	$7,900	2038	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$71,000	
Fiber Board	8%			2033	$118,100			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : Newly Identified Component								
Metal Panel	2%	4+	$1,300	LIFE	* *	5	$2,400	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$14,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$1,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Service Switchboard In Electrical Room								
Raceway								
Conduit	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	30%			2032	$71,800	5	$600	
Molded Case Bkrs	60%			2041	* *	5	$1,400	
Molded Case Bkrs	10%	2-4	$24,000	2058	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Panelboards								
Wiring								
Braided Cloth	65%	2-4	$189,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	35%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	82%			2028	$1,075,700	10	$66,200	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	10%			2038	* *	10	$8,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	3%			2028	$31,300	10	$100	
Incandescent	5%			2028	$121,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	$73,900	10	$10,600	
Exit, Service	50%			2028	$19,000	1		
Exterior Lighting								
HID	10%	Now	$41,100	2043	* *			
Damaged Fixtures, Extent : Light, Area Affected : 100%								
Location : Lightbulbs Replaced But Fixtures Do Not Work In Building Exterior								
No Component	90%							
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$227,000	1-3	$55,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$87,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$14,100	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In Basement Boiler Room								
Terminal Devices								
Air Handler	20%			2033	$331,200	1	$10,900	
Convector/Radiator	80%			2038	* *	1	$22,700	
Controls								
Digital	100%	Now	$252,700	2031	$2,527,400			
Software Issue Suspected, Extent : Severe, Area Affected : 100%								
Location : Facility Cannot Control Any Devices, Equipment Is Run Manually								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	25%			2033	$522,400			
Window/Wall Unit	70%			2028	$233,400	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,700	
Exhaust Fans								
Interior	85%			2033	$331,700	2	$2,300	
Interior	10%	Now	$19,500	2033	$39,000	2	$200	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Penthouse Toilet Exhaust Fans								
Roof	5%	Now	$400	2033	$8,500	2	$100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Heat Recovery Ventilator								
No Component	90%							
Generic	10%			2034	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Serves Kitchen Only								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons. Quantity 3								
HW Heat Exchanger								
Steam Fired	100%			2033	$425,500	4	$13,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$17,600	4	$2,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 108 - Q**		
Address	: **108-10 109 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q108**
Program / Asset #	: **BOE0758.000 / 1588**	**Yr Built/Renovated**	: **1925 / 2000**
Area Sq Ft	: **162,659**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **11475** **Lot** : **11**	**BIN**	: **4247572**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,370,900	
Interior Architecture	$6,301,100	$1,430,100
Electrical	$226,100	$722,600
Mechanical	$1,976,300	$3,356,600
Total	**$10,874,300**	**$5,509,300**
Importance Code A	$2,370,900	$15,400
Importance Code B	$7,605,500	$5,493,900
Importance Code C	$898,000	
Total	**$10,874,300**	**$5,509,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,700			$8,100
Interior Architecture	$96,900	$8,500	$3,000	$15,200
Electrical	$17,300	$17,100	$88,100	$17,600
Mechanical	$82,300	$41,600	$87,600	$41,300
Site Enclosure	$8,600			
Site Pavements	$29,000			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$249,700**	**$72,100**	**$183,700**	**$87,100**
Importance Code A	$40,200	$16,100	$16,500	$24,200
Importance Code B	$182,100	$51,200	$167,300	$62,900
Importance Code C	$27,400	$4,800		
Total	**$249,700**	**$72,100**	**$183,700**	**$87,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	1%			LIFE	* *	5	$13,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 75%								
Location : Horizontal Bands And Window Lintels								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2000 Building								
Explanation : Horizontal Decorative Bands And Window Sills								
Masonry: Brick Cavity	22%			LIFE	* *	5	$36,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2000 Building								
Explanation : Floors First Through Fourth								
Granite Panels	2%			LIFE	* *	5	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2000 Building								
Explanation : Base Of Building								
Pre-Cast Concrete	5%			LIFE	* *	5	$27,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2000 Building								
Explanation : Panels At Stairwells And Penthouse								
Under Construction	70%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 1924 Building								
Explanation : Complete Brick Replacement And Foundation Work In Progress								
Windows								
Aluminum	24%			2047	* *	5	$16,100	
Aluminum	70%	Now	$2,238,600	2056	* *	5	$23,500	
Glazing Clouded, Extent : Severe, Area Affected : 95%								
Location : Throughout 1924 Building								
Unit Inoperable, Extent : Severe, Area Affected : 40%								
Location : Throughout 1924 Building								
Metal Louvers	6%			2040	* *	10	$25,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2000 Building								
Explanation : Louvers At Mechanical Penthouse Floor								

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1924 Building								
Masonry: Brick	63%			LIFE	* *	5	$12,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1924 Building								
Masonry: Brick Cavity	15%			LIFE	* *	5	$2,900	
Masonry: Limestone	2%			LIFE	* *	5	$500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1924 Building								
Metal Rail	5%			2044	* *	5-10	$17,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2000 Building								
Explanation : Precast Panels At Penthouse Exterior Face And Copings Throughout								
Roof								
Modified Bitumen	30%	Now	$132,300	2039	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : 2000 Building								
Expansion Joint Failure, Extent : Moderate, Area Affected : 20%								
Location : At Junction Of 2000 And 1924 Building								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Junction Of 2000 And 1924 Building								
Under Construction	70%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 1924 Building								
Explanation : Work In Progress								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$20,700	LIFE	* *	5	$26,600	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Base Perimeter								
Ceramic Tile	3%			2040	* *	5	$7,300	
Mosaic Tile	2%	Now	$274,100	2051	* *	5	$6,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Bathrooms In 1924 Building								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Bathrooms In 1924 Building								
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Bathrooms In 1924 Building								
Quarry Tile	5%			2044	* *	5	$18,300	
Terrazzo	5%	Now	$227,600	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Lobby, Second Floor And Steps								
Deflection Evident, Extent : Moderate, Area Affected : 20%								
Location : Lobby And Second Floor								
Vinyl Tile	30%			2036	* *	3	$36,500	
Vinyl Tile	20%	Now	$67,300	2031	$1,345,100	3	$18,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : 1924 Building Corridors And Classrooms								
Vinyl Tile 9" X 9"	10%			2026	$4,296,900	3	$9,100	
Wood	20%	Now	$145,200	2046	* *	5	$45,600	
Ridging, Extent : Severe, Area Affected : 5%								
Location : Gymnasium At Water Penetration								

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$244,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement At Perimeter Walls								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement At Perimeter Walls								
Ceramic Tile	2%	Now	$212,100	2046	* *	5	$3,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Bathrooms In 1924 Building								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Bathrooms In 1924 Building								
Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
Location : Bathrooms In 1924 Building								
Ceramic Tile	3%			2040	* *	5	$9,600	
Concrete Masonry Unit	20%	Now	$120,800	LIFE	* *	5	$25,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Exterior Wall								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stairwells								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Exterior Wall								
Gypsum Board	10%			LIFE	* *	5	$19,300	
Masonry: Brick	5%	Now	$152,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Marble Panels	2%	0-2	$22,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1924 Building Lobby And Second Floor								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1924 Building Lobby And Second Floor								
Plaster	43%	Now	$168,000	LIFE	* *	5	$41,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1924 Building Fourth And Fifth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1924 Building Fourth And Fifth Floor								
SGFT/Glazed Masonry	5%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2044	* *	5	$61,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Of 2000 Building								
Exposed Struc: Concrete	10%	Now	$185,200	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basment								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%	2-4	$4,300	LIFE	* *	5	$15,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwells Of 2000 Building								
Plaster	55%	Now	$206,800	LIFE	* *	5	$85,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Perimeter Walls In Fifth Floor Classrooms 502, 507, 513, 560								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At 4th Floor Junction Of 1924 And 2000 Building And Fifth Floor								
Site Enclosure								
Fence/Gates								
Aluminum Rail	10%	2-4	$1,600	2036	* *	5	$3,500	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Railings At Ramps								
Chain Link	70%			2041	* *			
Iron Picket	20%	Now	$3,100	2051	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Gate Hinges, One Of Two Inoperable								
Free Standing Walls								
Masonry: Brick	100%			2041	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$3,800	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Ramps To Building								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Ramp From Playground To Building								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Perimeter Fence Wall, Ramps To Building								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	75%	Now	$29,000	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 108th Street								
Cast in Place Concrete	25%			2044	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 109th Avenue, 108th Street And 109th Street								
Explanation : Sidewalk Shed								
On-Site Walkways								
Cast in Place Concrete	95%			2044	* *			
Pavers/Stone	5%			2034	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Cast in Place Concrete	70%			2044	* *			
Pavers/Stone	5%			2040	* *			
Under Construction	25%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Fused Disc Sw	30%			2031	$15,400	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	30%			2031	$87,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Switchboard Room 1								
Explanation : Three Vertical Sections								
Fused Disc Sw	70%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Switchboard Room 2								
Explanation : Six Vertical Sections								
Raceway								
Conduit	60%			2031	$173,300	1		
Conduit	40%			2051	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$400	
Molded Case Bkrs	60%			2030	$203,600	5	$2,600	
Molded Case Bkrs	30%			2047	* *	5	$1,300	
Wiring								
Braided Cloth	20%	2-4	$79,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	40%			2051	* *	1		
Thermoplastic	40%			2041	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$500	
Locally Mounted	50%			2044	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$50,000	
Generators								
Diesel	100%			2040	* *	1	$63,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 500 Kilovolt-amperes.								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$36,300	
Fuel Storage								
Day Tank	10%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 30 Gallons Rated Capacity								
Main Tank	90%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$134,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	8%			2036	* *	10	$11,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria								
Explanation : Compact Fluorescent Lights								
Incandescent	1%			2026	$45,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Fan Room								
Explanation : Inadequate Lighting Level								
LED	1%			2039	* *			
Egress Lighting								
Emergency, Service	35%			2031	$35,100	1		
Emergency, Battery	15%			2036	* *	10	$5,900	
Exit, LED	15%			2059	* *	1		
Exit, Service	35%			2031	$24,500	1		
Exterior Lighting								
HID	20%			2031	$151,800	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$18,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$31,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Gymnasium, Basement								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights, And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	95%			2044	* *	1	$153,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	5%	0-2	$14,200	2044	* *	1	$7,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of No.2 Boiler.								
Distribution								
Steam Piping/Pump	100%	0-2	$26,100	2031	$1,302,500			
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Terminal Devices								
Air Handler	8%	0-2	$4,900	2036	* *	1	$7,200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Unit No.3 In Penthouse Of New Wing.								
Air Handler	10%	0-2	$6,100	2026	$306,100	1	$9,100	
Not Energy Efficient, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Auditorium								
Air Handler	22%			2036	* *	1	$22,100	
Convector/Radiator	40%			2029	$532,000	1	$21,000	
Fan Coil Unit/Heat	20%			2026	$806,600	1	$10,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2031	$719,900	1	$22,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Penthouse Of New Wing								
Window/Wall Unit	50%			2026	$308,100	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2041	* *	4	$3,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2036	* *	1	$30,200	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2031	$179,200	2	$34,000	
No Component	70%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$27,200	
Ductwork/Diffusers	70%			LIFE	* *	2-5	$63,500	
Exhaust Fans								
Interior	70%	0-2	$50,500	2026	$505,000	2	$2,800	
Not in Service, Extent : Severe, Area Affected : 60%								
Location : House Exhaust In Basement Fan Room								
Interior	20%			2036	* *	2	$1,000	
Roof	10%			2036	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2051	* *	1		
Galvanized Steel	30%			2029	$623,000	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$32,600	4	$3,400	
Backflow Preventer								
Generic	100%			2036	* *	1	$10,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2051	* *	1-5	$25,500	
Sprinkler								
No Component	65%							
Generic	35%			2051	* *	1-2	$15,900	
Fire Pump								
No Component	70%							
Generic	30%			2034	* *	1	$9,100	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 109 - BX**				
Address	: **1771 POPHAM AVENUE @ PALASADE PL.**				
Borough	: **BRONX**			**Agency's Number**	: **X109**
Program / Asset #	: **BOE0249.000 / 410**			**Yr Built/Renovated**	: **1971 / 2008**
Area Sq Ft	: **74,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Oct-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**				
Block	: **2877**	**Lot**	: **393**	**BIN**	: **2094549**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$191,300	$113,700
Interior Architecture	$3,004,900	
Electrical	$530,900	$476,600
Mechanical	$1,332,000	$822,200
Total	**$5,059,000**	**$1,412,500**
Importance Code A	$382,400	$113,700
Importance Code B	$4,676,600	$1,298,800
Total	**$5,059,000**	**$1,412,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,900	$18,400		$11,800
Interior Architecture	$2,100	$14,100		$16,100
Electrical	$21,200	$2,500	$2,700	$57,800
Mechanical	$72,100	$11,500	$17,000	$22,800
Site Enclosure	$19,200			
Site Pavements	$69,600			
Total	**$195,100**	**$46,500**	**$19,700**	**$108,600**
Importance Code A	$10,900	$25,700	$7,200	$19,200
Importance Code B	$111,900	$17,700	$12,400	$89,300
Importance Code C	$72,200	$3,200		
Total	**$195,100**	**$46,500**	**$19,700**	**$108,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$101,100	
Masonry: Brick	10%	Now	$104,000	LIFE	* *	5	$12,600	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 100%								
Location : North Facade								
Masonry: Limestone	5%			LIFE	* *	5	$4,700	
Window Wall	5%			2042	* *	5	$23,700	
Windows								
Aluminum	100%			2048	* *	5	$33,700	
Parapets								
Masonry: Brick	18%	0-2	$10,900	LIFE	* *	5	$4,300	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 1%								
Location : East Facade, Loose Fasteners								
Masonry: Brick	70%			LIFE	* *	5	$16,800	
Masonry: Limestone	5%			LIFE	* *	5	$1,500	
Metal Rail	7%			2045	* *	5-10	$30,300	
Roof								
Built-Up (BUR)	95%			2037	* *	10	$87,300	
Copper/Terne	5%			2060	* *	10	$11,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2035	* *	5	$5,500	
Terrazzo	3%			LIFE	* *	5	$2,600	
Vinyl Tile	60%			2037	* *	3	$24,600	
Vinyl Tile 9" X 9"	15%			2027	$2,896,200	3	$8,200	
Wood	7%			2047	* *	5	$14,400	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$6,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,100	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$20,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	$13,700	
Exposed Struc: Concrete	60%			LIFE	* *	5	$10,300	
Metal Panel	5%	Now	$108,700	LIFE	* *	5	$6,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Plaster	25%			LIFE	* *	5	$17,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	55%	4+	$9,300	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Iron Picket	45%	4+	$8,300	2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	95%			2052	* *			
Masonry: Brick	5%	Now	$1,600	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : North Stair								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	90%	Now	$36,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$17,800	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Palisade Place Driveway								
Activity Yard								
Asphalt	80%	0-2	$14,900	2035	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Rubber Matting	20%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 400 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								

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DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	Now	$195,100	2062	* *	5	$200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Fused Knife Sw	5%	Now	$9,000	2057	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	85%			2031	$152,700	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2032	$59,900	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%	Now	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$64,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,300	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Auditorium								
HID	2%			2027	$17,300	10		
Egress Lighting								
Emergency, Battery	50%			2027	$61,300	10	$8,800	
Exit, Service	50%			2027	$15,800	1		
Exterior Lighting								
HID	20%			2027	$69,100	10		
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Year FY	Future Replacement Estimated Cost	Cycle (Yrs)	Maintenance Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$13,900	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium And Basement								
Explanation : Strobes, Bell, Horn, Pull Box Station And Fire Alarm Panel								

Mechanical

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Year FY	Future Replacement Estimated Cost	Cycle (Yrs)	Maintenance Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$170,000	5	$22,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$191,100	2037	* *	1	$65,100	
Broken, Extent : Severe, Area Affected : 80%								
Location : Boiler Room. Multiple Defective Boiler Tubes								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement. Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$41,100	2042	* *	4	$3,600	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In The Boiler Room								
Terminal Devices								
Air Handler	50%			2027	$687,700	1	$22,600	
Convector/Radiator	50%	Now	$6,000	2030	$298,800	1	$10,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Radiator At Exit No. 8								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2027	$193,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,800	
Exhaust Fans								
Interior	80%			2027	$259,300	2	$1,800	
Roof	20%			2032	$28,400	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%	0-2	$3,700	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
HW Heat Exchanger								
Steam Fired	100%			2032	$353,400	4	$10,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$14,800	2042	* *	4	$1,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2032	$32,600	1	$4,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$30,300	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 109 - BX MINISCHOOL**				
Address	: **1771 POPHAM AVENUE @ PALASADE PL.**				
Borough	: **BRONX**			**Agency's Number**	: **X899**
Program / Asset #	: **BOE0249.010 / 411**			**Yr Built/Renovated**	: **1971 / 2006**
Area Sq Ft	: **8,860**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Oct-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2877**	**Lot**	: **393**	**BIN**	: **2094549**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$51,400	
Electrical		$203,700
Mechanical		$144,400
Site Pavements	$84,900	
Total	**$136,300**	**$348,100**
Importance Code A	$51,400	
Importance Code B		$348,100
Importance Code C	$84,900	
Total	**$136,300**	**$348,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,800	$900		
Interior Architecture	$14,500	$6,600		$1,500
Electrical	$200	$300	$300	$43,300
Mechanical	$3,800	$500	$1,300	$500
Site Pavements	$7,400			
Total	**$30,600**	**$8,300**	**$1,700**	**$45,300**
Importance Code A	$5,200	$1,300	$400	$500
Importance Code B	$18,000	$7,000	$1,200	$44,800
Importance Code C	$7,400			
Total	**$30,600**	**$8,300**	**$1,700**	**$45,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 109 - BX MINISCHOOL
Asset # : 411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	0-2	$4,800	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North And West Facade								
Exposed Reinforcement, Extent : Moderate, Area Affected : 1%								
Location : West Facade At Base								
Weathering Steel	90%			LIFE	* *	1		
Windows								
Aluminum	100%			2040	* *	5	$1,700	
Roof								
Metal Panel	100%			2037	* *	10	$51,400	
Soffits								
Metal Panel	100%			2042	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	4%			LIFE	* *	5	$1,200	
Mosaic Tile	6%	Now	$7,700	2037	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : At Entrance								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Entrance								
Vinyl Tile	90%	Now	$6,800	2037	* *	3	$4,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Corridor								
Interior Walls								
Concrete Masonry Unit	67%			LIFE	* *	5	$6,100	
Metal Panel	33%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2045	* *	5	$13,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Vegetation Growth								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : East Of Building								
Vegetation Growth, Extent : Moderate, Area Affected : 1%								
Location : East Of Building								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 109 - BX MINISCHOOL
Asset # : 411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	90%	2-4	$7,400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Vegetation Growth								
Cast in Place Concrete	10%			2037	* *			
Parking/Driveway								
Asphalt	100%	2-4	$84,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 10%								
Location : East Of Building								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Explanation : Vegetation Growth								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Two 400 Ampere Main Disconnect Switches								
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	95%			2031	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$132,100	10	$8,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 109 - BX MINISCHOOL
Asset # : 411

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2032	$7,400	10	$1,100	
Exit, Service	50%			2032	$1,900	1		
Exterior Lighting								
HID	100%			2027	$41,300	10		
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$1,700	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm Only And Motion Sensors								
Generic	10%			2037	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Bell, Horn, Smoke Detector, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2042	* *	1		
Conversion Equipment								
Furnace	100%			2032	$27,600	1	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2030	$144,400	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 109 - BX MINISCHOOL
Asset # : 411

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,900	
Exhaust Fans								
Interior	100%			2032	$39,300	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Yard. Clogged Drain Fron Gutters								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Drain Through Gutters								
Backflow Preventer								
Generic	100%			2032	$4,000	1	$500	
Fixtures								
Generic	100%							

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 11 - BX**
Address : **1257 OGDEN AVENUE @ W.169 ST.**
Borough : **BRONX**
Program / Asset # : **BOE0163.000 / 504**
Area Sq Ft : **68,000**
Date of Survey : **10-Oct-2019**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2529** **Lot** : **81**

Agency's Number : **X011**
Yr Built/Renovated : **1890 / 1999**
Project Type : **EDUCATION**
Landmark Status : **EXTERIOR LANDMARK**
BIN : **2003519**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$929,000	$426,200
Interior Architecture	$216,200	$1,786,000
Electrical	$109,300	$650,900
Mechanical	$698,300	$2,940,300
Total	**$1,952,800**	**$5,803,300**
Importance Code A	$1,188,600	$426,200
Importance Code B	$637,300	$5,377,200
Importance Code C	$126,900	
Total	**$1,952,800**	**$5,803,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,300		$32,900	
Interior Architecture	$100,900		$48,400	$7,400
Electrical	$36,900	$3,000	$2,200	$2,100
Mechanical	$98,000	$9,500	$14,900	$10,800
Total	**$255,100**	**$12,500**	**$98,400**	**$20,300**
Importance Code A	$19,300	$6,700	$39,800	$6,700
Importance Code B	$202,600	$5,800	$58,600	$13,600
Importance Code C	$33,300			
Total	**$255,100**	**$12,500**	**$98,400**	**$20,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%	Now	$57,300	LIFE	* *	5	$21,900	
Spalling, Extent : Severe, Area Affected : 10%								
Location : North Yard Which Is A 1903 Addition								
Masonry: Brick Cavity	55%	Now	$92,000	LIFE	* *	5	$48,200	
Spalling, Extent : Severe, Area Affected : 10%								
Location : Stairwells D And G Which Is A 1930 Addition								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Staircase F								
Masonry: Brownstone	10%			LIFE	* *	5	$6,600	
Masonry: Limestone	10%			LIFE	* *	5	$6,600	
Windows								
Aluminum	100%	Now	$779,600	2047	* *	5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 80%								
Location : Various Locations Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$10,300	
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Metal Rail	5%			2044	* *	5-10	$14,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,000	
No Component	10%							
Roof								
Built-Up (BUR)	20%			2031	$177,200	10	$13,900	
Copper/Terne	5%			2046	* *	10	$8,700	
Modified Bitumen	30%			2031	$249,000	10	$20,800	
Modified Bitumen	35%			2036	* *	10	$24,300	
Slate	10%	Now	$10,600	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	0-2	$41,200	LIFE	* *	5	$48,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria And 1st Floor Corridor Which Is A 1903 Addition, Stair Landings								
Ceramic Tile	4%			2034	* *	5	$5,900	
Ceramic Tile	1%			2044	* *	5	$1,500	
Recent Installation, Extent : N/A, Area Affected : 1%								
Location : Toilet Off Lunch Room								
Quarry Tile	5%			2044	* *	5	$11,100	
Vinyl Tile	40%	0-2	$89,300	2031	$1,786,000	3	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors In 1890 And 1903 Additions And Auditorium								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors In 1890 And 1903 Additions And Auditorium								
Wood	35%			2046	* *	5	$96,800	
Interior Walls								
Cast in Place Concrete	5%	Now	$18,500	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Ceramic Tile	4%	Now	$10,700	2034	* *	5	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Toilets And Kitchen								
Ceramic Tile	1%			2044	* *	5	$900	
Recent Construction, Extent : N/A, Area Affected : 1%								
Location : Toilet Room								
Glass: Single Pane	3%	4+	$3,500	LIFE	* *	5	$2,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Stair A And B								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Transoms And Stair Landings								
Explanation : Single Pane Glass								
Gypsum Board	10%			LIFE	* *	5	$5,300	
Masonry: Brick	15%	Now	$55,700	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Basement Foundation Walls, Ogden Street And Merriam Street Facades								
Plaster	60%	Now	$71,200	LIFE	* *	5	$16,000	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairwell F								
Plaster	2%			LIFE	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : 1930 Mural - Landmarked								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2044	* *	5	$14,800	
Embossed Metal	70%			LIFE	* *	5	$46,500	
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,200	
Masonry: Vault Struct	5%			LIFE	* *			
Plaster	10%	Now	$9,800	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%			2066	* *			
Retaining Walls								
Cast in Place Concrete	90%			2066	* *			
Masonry: Brick	10%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Asphalt	30%			2034	* *			
Cast in Place Concrete	65%			2044	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	60%			2040	* *			
Cast in Place Concrete	35%			2044	* *			
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$49,600	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Swith Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	60%			2031	$128,200	5	$200	
Fused Disc Sw	40%			2041	* *	5	$100	
Raceway								
Conduit	90%			2041	* *	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	15%			2030	$29,500	5	$200	
Molded Case Bkrs	65%			2030	$127,900	5	$1,200	
Molded Case Bkrs	20%			2047	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$109,300	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Thermoplastic	30%			2031	$65,600	1		
Motor Controllers								
Locally Mounted	60%			2029	$78,500	5	$300	
Locally Mounted	40%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$61,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$62,500	10	$8,200	
Exit, Service	50%			2031	$16,100	1		
Exterior Lighting								
HID	20%			2031	$69,500	10		
HID	10%	Now	$34,800	2041	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$57,600	1-3	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Lobby								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One Tank Of 5,000 Gallons And Fuel Type 2								
Conversion Equipment								
Steam Boiler	100%	0-2	$259,700	2036	* *	1	$60,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Steam Boiler: No.1 Boiler Tubes Cracked								
Distribution								
Central Plant Steam Piping/Pmp	20%	0-2	$41,900	2041	* *	4	$700	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Paint Room And Fan Room								
Explanation : Steam Leaks In Paint And Fan Room								
Central Plant Steam Piping/Pmp	80%			2031	$1,675,400	4	$2,700	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room								
Terminal Devices								
Air Handler	20%			2026	$280,300	1	$8,400	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Convector/Radiator	75%			2029	$456,700	1	$16,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	5%			2026	$92,300	1	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	25%			2036	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Main Distribution Frame Room								
Explanation : Split Unit Serving Main Distribution Frame Room								
Window/Wall Unit	15%	0-2	$12,700	2029	$42,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium And Auditorium								
Explanation : Air Condition Is Needed In Gymnasium And Auditoium Per School Authority								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,900	
Exhaust Fans								
Interior	20%			2026	$66,100	2	$400	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Roof	15%	0-2	$6,500	2036	* *	2	$200	
On Extended Life, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Mechanical And Electrical Defects								
Explanation : 15 Percent Of Roof Exhaust Fans Not Working								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	15%			2051	* *	1		
Galvanized Steel	85%			2029	$808,200	1		
On Extended Life, Extent : Moderate, Area Affected : 85%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2029	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 400 Gallons								
Sanitary Piping								
Cast Iron	95%			LIFE	* *	1		
Cast Iron	5%	Now	$28,100	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	0-2	$6,000	2031	$14,900	4	$1,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Motor Of One Of The Sump Pump Is Malfunctioning								
Backflow Preventer								
No Component	70%							
Generic	30%			2036	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : Recent Replacement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout Toilet Rooms								
Fire Suppression								
Sprinkler								
No Component	98%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Sprinklers Availabe In Paint, Supply, Storage And Kitchen								
Generic	2%			2041	* *	1-2	$400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 11 (P172 ECC) - BX ANNEX**
Address : **1399 OGDEN AVENUE**
Borough : **BRONX**
Program / Asset # : **BOE1167.000 / 14913**
Area Sq Ft : **38,000**
Date of Survey : **17-Feb-2022**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **2535** **Lot** : **10**

Agency's Number : **X172**
Yr Built/Renovated : **1996 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **2116205**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$279,400	$131,200
Interior Architecture	$513,700	
Electrical		$738,000
Mechanical	$188,400	$2,154,500
Total	**$981,500**	**$3,023,600**
Importance Code A	$279,400	$131,200
Importance Code B	$623,900	$2,892,400
Importance Code C	$78,300	
Total	**$981,500**	**$3,023,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$112,600		$6,000	
Interior Architecture	$25,700		$600	$13,800
Electrical	$14,200	$6,200	$6,200	$7,400
Mechanical	$132,800	$39,900	$42,900	$76,100
Site Enclosure	$45,100			
Site Pavements	$34,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$368,600**	**$50,000**	**$59,700**	**$101,200**
Importance Code A	$113,800	$1,100	$7,100	$1,100
Importance Code B	$233,000	$48,900	$52,600	$95,100
Importance Code C	$21,800			$4,900
Total	**$368,600**	**$50,000**	**$59,700**	**$101,200**

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DEPARTMENT OF EDUCATION - 040
P. S. 11 (P172 ECC) - BX ANNEX
Asset # : 14913

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$51,400	
Masonry: Brick Cavity	90%			LIFE	* *	5	$98,700	
Windows								
Aluminum	100%	2-4	$67,800	2049	* *	5	$3,600	
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$15,600	
Masonry: Brick	90%	4+	$124,900	LIFE	* *	5	$9,900	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Rail	5%			2046	* *	5-10	$9,900	
Roof								
Built-Up (BUR)	50%	Now	$26,200	2033	$131,200			
Drains Clogged, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : At Parapets								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Plaza Roof: Stone Panels	50%	2-4	$86,700	2053	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Roof Area								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof								
Explanation : Stained And Broken Units								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Carpet	2%			2032	$22,800	3	$1,900	
Ceramic Tile	10%			2042	* *	5	$6,400	
Traffic Topping	18%	2-4	$110,800	2038	* *	5	$7,300	
Worn/Eroded, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Epoxy Resin On Concrete Floor								
Vinyl Tile	70%	2-4	$124,700	2038	* *	3	$16,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
P. S. 11 (P172 ECC) - BX ANNEX
Asset # : 14913

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$9,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$15,700	
Gypsum Board	5%			LIFE	* *	5-10	$16,600	
SGFT/Glazed Masonry	80%			LIFE	* *	10	$78,300	
Ceilings								
AcousTileConcealSpLn	55%	2-4	$114,200	2046	* *	5	$22,200	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	40%	2-4	$85,800	2046	* *	5	$12,900	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5-10	$11,100	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$3,200	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$41,800	2068	* *			
Impact Damage, Extent : Light, Area Affected : 10%								
Location : At Activity Yard								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Glazed Tile Over Concrete								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Cast in Place Concrete	30%	4+	$9,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Rubber Matting	70%	2-4	$24,800	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
P. S. 11 (P172 ECC) - BX ANNEX
Asset # : 14913

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$20,400	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2033	$2,300	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 And 200 Ampere For Fire Pump And Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$130,000	5	$200	
Raceway								
Conduit	100%			2033	$61,200	1		
Panelboards								
Fused Disc Sw	10%			2032	$10,000	5	$100	
Molded Case Bkrs	90%			2032	$89,800	5	$900	
Wiring								
Thermoplastic	100%			2033	$77,200	1		
Motor Controllers								
Locally Mounted	100%	4+	$1,400	2031	$71,700	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$11,700	
Generators								
Diesel	100%			2029	$138,700	1	$14,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 175 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$1,400	
Fuel Storage								
Day Tank	30%			2032	$7,700	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 50 Gallons								
Main Tank	70%			2036	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 11 (P172 ECC) - BX ANNEX
Asset # : 14913

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$34,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, Service	40%			2028	$6,600	1		
Exterior Lighting								
HID	10%			2028	$17,700	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated By Photocell								
No Component	90%							
Alarm								
Security System								
Generic	100%	0-2	$3,600	2028	$71,300	1	$12,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Cafeteria And Offices								
Explanation : Only Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$98,000	1-3	$24,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Lobby								
Explanation : No Central Station Connection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 2,000 Gallon Fuel Oil Tank With Transfer Pump								

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DEPARTMENT OF EDUCATION - 040
P. S. 11 (P172 ECC) - BX ANNEX
Asset # : 14913

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Shell & Tube	70%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Serve Convectors And Radiators And 2 Units Serve Air Handlers And Fan Coil Units.								
Steam Boiler	30%			2046	* *	1	$11,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	70%			2041	* *	4	$2,000	
Steam Piping/Pump	30%			2053	* *			
Terminal Devices								
Air Handler	20%			2033	$143,000	1	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Air Handler	10%	Now	$28,600	2033	$71,500	1	$2,100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Kitchen Unit At Roof								
Convector/Radiator	30%			2038	* *	1	$3,700	
Fan Coil Unit/Heat	40%	2-4	$188,400	2033	$376,900	1	$4,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Motors At Various Locations								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : See Air Conditioning								
Controls								
Electrical	25%			2028	$52,800			
Pneumatic	75%			2031	$550,800			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2028	$224,200	1	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
No Component	60%							

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DEPARTMENT OF EDUCATION - 040
P. S. 11 (P172 ECC) - BX ANNEX
Asset # : 14913

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	30%	0-2	$1,500	2033	$7,400	4	$600	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Fittings At Various Locations								
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2033	$59,000	1	$4,700	
Fan Coil - 2 Pipe	20%			2033	$92,700	1	$2,500	
No Component	60%							
Heat Rejection								
Dry Cooler	40%	4+	$1,400	2028	$27,900	2	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. Dunnage Showing Rust								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,500	
Exhaust Fans								
Interior	20%			2033	$33,700	2	$200	
Roof	80%			2033	$59,000	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : With 200-gallon Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$13,400	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Various Roof Drains								
Sump Pump(s)								
Non-Submersible	100%	0-2	$200	2033	$7,600	4	$800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Check Valve At Unit In Basement								
Sewage Ejector(s)								
Electric	100%			2028	$19,900	4	$2,300	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
P. S. 11 (P172 ECC) - BX ANNEX
Asset # : 14913

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$19,200	
Sprinkler								
No Component	40%							
Generic	60%			2043	* *	1-2	$6,400	
Fire Pump								
Generic	100%			2036	* *	1	$7,100	
Chemical System								
Generic	30%			2028	$142,000	1-3	$140,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Day Care Kitchen								
Explanation : One 36 Square- foot Hood With Ansul System And One 16 Square- foot Hood Without Ansul.								
Generic	70%			2028	$331,300	1-3	$328,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Board Of Education Kitchen								
Explanation : 80 Square-foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 110 - BK**		
Address	: **124 MONITOR STREET @DRIGGS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K110**
Program / Asset #	: **BOE0420.000 / 1380**	**Yr Built/Renovated**	: **1895 / 2012**
Area Sq Ft	: **66,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2688** **Lot** : **42**	**BIN**	: **3067144**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$71,100
Interior Architecture	$572,500	
Electrical	$119,800	$170,300
Mechanical	$395,600	$755,300
Site Pavements		$105,700
Total	**$1,087,900**	**$1,102,400**
Importance Code A		$71,100
Importance Code B	$1,021,300	$1,031,300
Importance Code C	$66,600	
Total	**$1,087,900**	**$1,102,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,700	$36,500		$85,900
Interior Architecture	$62,000		$2,500	$9,300
Electrical	$1,800	$2,300	$2,400	$10,100
Mechanical	$39,600	$9,100	$9,800	$28,000
Site Enclosure	$27,100			
Site Pavements	$15,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$158,100**	**$51,800**	**$18,600**	**$137,300**
Importance Code A	$14,300	$43,000	$6,500	$92,600
Importance Code B	$107,800	$8,800	$12,000	$44,700
Importance Code C	$36,100			
Total	**$158,100**	**$51,800**	**$18,600**	**$137,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$20,800	
Masonry: Brick	80%			LIFE	* *	5	$71,100	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Street Facades								
Masonry: Brick Cavity	5%	Now	$7,700	LIFE	* *	5	$4,400	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Elevator Tower								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Elevator Room								
Masonry: Limestone	2%			LIFE	* *	5	$1,300	
Metal Panel	10%			2052	* *	5-10	$61,100	
Windows								
Aluminum	100%			2048	* *	5	$21,600	
Other Observation, Extent : Light, Area Affected : 25%								
Location : Windows At Grade And Rear Facade								
Explanation : Protective Metal Grilles								
Parapets								
Metal Rail	35%			2045	* *	5-10	$60,000	
No Component	65%							
Roof								
Metal Panel	45%			2037	* *	10	$41,500	
Modified Bitumen	55%			2037	* *	10	$27,700	
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$21,800	
Ceramic Tile	5%			2041	* *	5	$5,000	
Traffic Topping	10%	Now	$142,800	2042	* *	5	$6,200	
Split/Cracked, Extent : Severe, Area Affected : 25%								
Location : Stairs Landings And Open Areas In Basement								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Stairs Landings And Open Areas In Basement								
Vinyl Tile	40%	Now	$55,100	2037	* *	3	$15,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Upper Floor Corridors								
Vinyl Tile 9" X 9"	35%	Now	$308,000	2042	* *	3	$13,100	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : 3rd And 4th Floor Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor Corridors, Laboratory Room, 3rd And 4th Floor Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	7%	Now	$9,000	2035	* *	5	$4,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Base Of Walls In Stairwells								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,300	
Glass: Single Pane	8%			LIFE	* *	5	$7,000	
Gypsum Board	5%			LIFE	* *	5	$3,500	
Masonry: Brick	15%	0-2	$66,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Basement Walls								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement Walls								
Plaster	60%			LIFE	* *	5	$21,000	
Ceilings								
AcousTileSusp.Lay-In	5%	2-4	$1,700	2045	* *	5	$2,500	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : 3rd And 4th Floor New Wing Office								
Embossed Metal	40%	4+	$24,000	LIFE	* *	5	$18,000	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Room 106, Auditorium, 4th Floor Corridor								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Plaster	45%	Now	$27,300	LIFE	* *	5	$28,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Room 403								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%	Now	$6,300	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Anchor Posts								
Free Standing Walls								
Masonry: Brick	100%	Now	$20,800	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : North Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$5,300	2037	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 15%								
Location : Monitor And Driggs Walkways								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Rubber Matting	15%			2037	* *			
Traffic Topping	85%	0-2	$10,600	2032	$105,700			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Within Play Yards								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Play Yard Surfaces								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	70%			2032	$101,200	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	10%			2031	$18,000	5	$200	
Molded Case Bkrs	30%			2040	* *	5	$500	
Molded Case Bkrs	50%			2048	* *	5	$900	
Wiring								
Braided Cloth	30%	2-4	$59,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Thermoplastic	50%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	99%			2037	* *	10	$59,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	1%			2037	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$8,000	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
Fluorescent	10%			2032	$26,300	10	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : Compact Fluorescent Lights								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$37,200	1	$7,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$51,100	1-3	$12,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$65,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$26,400	2042	* *			
Controller Not Working, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Basement, Condensate Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	75%			2030	$404,800	1	$16,000	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	20%			2027	$327,300	1	$4,300	
Unit Heater - Steam	5%			2027	$18,800	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2030	$175,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$3,700	
No Component	90%							
Exhaust Fans								
Roof	10%			2032	$12,800	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2042	* *	1		
Galvanized Steel	10%			2030	$84,300	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$68,300	2		
HW Heat Exchanger								
High Temp	100%			2052	* *	4	$9,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$13,200	4	$2,100	
Backflow Preventer								
Generic	100%			2037	* *	1	$4,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2032	$91,300	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 110 - BK
Asset # : 1380

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 110 - BX**				
Address	: **580 CROTONA PARK SOUTH @FULTON AVENUE**				
Borough	: **BRONX**		**Agency's Number**	: **X110**	
Program / Asset #	: **BOE0250.000 / 199**		**Yr Built/Renovated**	: **1964 / 2008**	
Area Sq Ft	: **94,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **24-Mar-2021**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2,3,4**				
Block	: **2932**	**Lot** : **1**	**BIN**	: **2009718**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$153,400	$67,500
Interior Architecture	$1,588,300	
Electrical	$455,300	$735,500
Mechanical	$404,600	$2,501,000
Site Pavements	$97,200	
Total	**$2,698,800**	**$3,304,000**
Importance Code A	$153,400	$886,900
Importance Code B	$2,205,000	$2,417,200
Importance Code C	$340,400	
Total	**$2,698,800**	**$3,304,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,900			$12,100
Interior Architecture	$43,800	$1,700		$17,300
Electrical	$2,300	$3,100	$3,300	$49,400
Mechanical	$40,800	$15,100	$26,700	$46,300
Site Enclosure	$36,000			
Site Pavements	$23,700			
Total	**$169,500**	**$19,900**	**$30,000**	**$125,100**
Importance Code A	$32,200	$9,300	$9,300	$21,600
Importance Code B	$100,400	$10,600	$20,700	$103,600
Importance Code C	$36,900			
Total	**$169,500**	**$19,900**	**$30,000**	**$125,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	15%			LIFE	* *	5	$35,400	
Masonry: Brick	80%	Now	$66,200	LIFE	* *	5	$40,200	
Diagonal Cracks, Extent : Severe, Area Affected : 4%								
Location : Chimney								
Loose Units, Extent : Severe, Area Affected : 2%								
Location : Brick Chimney								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Chimney								
Explanation : Soot And Smoke Damage To Surface								
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Windows								
Aluminum	100%	4+	$22,900	2048	* *	5	$12,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$5,400	
Metal Panel	5%			2052	* *	5	$1,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,000	
Roof								
Built-Up (BUR)	95%			2037	* *	10	$87,100	
Copper/Terne	5%			2047	* *	10	$11,500	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$67,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,600	
Ceramic Tile	5%	Now	$152,500	2047	* *	5	$3,400	
Patching Evident, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	10%			2037	* *	3	$5,100	
Vinyl Tile 9" X 9"	65%	Now	$775,800	2042	* *	3	$33,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	5%			2047	* *	5	$12,700	
Interior Walls								
Ceramic Tile	5%	Now	$340,400	2047	* *	5	$5,200	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Kitchen And Toilets								
Glazed Ceramic Panel	3%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	62%			LIFE	* *	5	$38,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$319,500	2052	* *	5	$16,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : At Main Entrance, Corridors, Lobby								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : At Main Entrance, Corridors								
Exposed Struc: Concrete	55%			LIFE	* *	5	$11,400	
Metal Panel	10%	Now	$43,800	LIFE	* *	5	$16,500	
Deformed/Dented, Extent : Severe, Area Affected : 20%								
Location : Kitchen And Cafeteria								
Plaster	10%			LIFE	* *	5	$8,300	
Site Enclosure								
Fence/Gates								
Chain Link	65%	Now	$28,400	2042	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Franklin Avenue Near Activity Yard								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Franklin Avenue								
Explanation : Vandalism								
Iron Picket	35%	4+	$6,700	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Franklin Avenue								
Explanation : Concrete Base Damaged And Broken								
Retaining Walls								
Cast in Place Concrete	90%			2067	* *			
Masonry: Brick	10%	4+	$900	2052	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Fulton Avenue								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Fulton Avenue								
Explanation : Weep Holes Clogged And Expansion Joint Eroded								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$97,200	2049	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Crotona Park South, Franklin Avenue And Fulton Avenue								
On-Site Walkways								
Cast in Place Concrete	90%	4+	$1,800	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Masonry: Granite	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	4+	$21,900	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	5%			2052	* *	1		
Conduit	95%			2032	$191,700	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	20%			2048	* *	5	$500	
Molded Case Bkrs	70%			2031	$167,600	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$204,200	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Thermoplastic	10%			2032	$29,200	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$82,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2037	* *	10	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Light Fixtures								
HID	2%			2037	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2027	$78,900	10	$11,300	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$87,700	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$35,300	1	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Some Offices								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horns, Manual Pull Box, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$29,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2030	$819,300	1	$93,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$52,900	2042	* *	4	$4,600	
On Extended Life, Extent : Severe, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	20%			2032	$353,800	1	$11,600	
Convector/Radiator	70%			2030	$538,100	1	$21,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Various. New Steam Traps								
Fan Coil Unit/Heat	10%			2032	$233,100	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$22,300	2032	$223,200			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Split Unit Out Of Service								
Window/Wall Unit	70%			2027	$249,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Exhaust Fans								
Interior	80%			2032	$333,500	2	$2,300	
Roof	20%			2032	$36,500	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	Now	$2,400	2042	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement. Corroded Water Main								
Galvanized Steel	90%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$102,500	2		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Not In Use								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	95%							
Generic	5%			2037	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,300	
Chemical System								
No Component	80%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 110 - M**		
Address	: **285 DELANCEY STREET @LEWIS ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M110**
Program / Asset #	: **BOE0062.000 / 1690**	**Yr Built/Renovated**	: **1902 / 2001**
Area Sq Ft	: **52,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jan-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **332** **Lot** : **52**	**BIN**	: **1004066**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$203,200	$168,200
Interior Architecture	$479,800	
Electrical	$466,500	$130,100
Mechanical	$136,200	$1,028,000
Total	**$1,285,700**	**$1,326,300**
Importance Code A	$203,200	$168,200
Importance Code B	$995,800	$1,158,100
Importance Code C	$86,700	
Total	**$1,285,700**	**$1,326,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$11,400	$3,900		$52,300
Interior Architecture	$20,900	$5,500	$1,700	$15,400
Electrical	$18,900	$1,300	$1,300	$95,400
Mechanical	$28,500	$7,300	$6,800	$23,900
Total	**$79,700**	**$18,100**	**$9,800**	**$186,900**
Importance Code A	$16,500	$9,000	$5,100	$57,500
Importance Code B	$42,300	$9,000	$3,800	$129,400
Importance Code C	$20,900		$900	
Total	**$79,700**	**$18,100**	**$9,800**	**$186,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$83,100	
Copper/Terne	5%			2067	* *	10	$12,500	
Masonry: Brick	80%	Now	$203,200	LIFE	* *	5	$85,100	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : East Facade								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Level								
Masonry: Granite	5%			LIFE	* *	5	$4,000	
Windows								
Aluminum	100%			2048	* *	5	$26,300	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$6,400	LIFE	* *	5	$4,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Parapet Wall								
Masonry: Brick Cavity	85%			LIFE	* *	5	$9,600	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Panel	5%			2052	* *	5	$2,200	
Roof								
Built-Up (BUR)	90%			2037	* *	10	$38,700	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : At Roof Drains								
Metal Panel	5%			2045	* *	10	$3,900	
Roll Roofing	3%	Now	$5,000	2034	* *	5	$1,100	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Stair Bulkhead Roof								
Skylight, Metal/Glass	2%			2042	* *	10	$2,900	
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$2,300	
Ceramic Tile	2%			2041	* *	5	$1,500	
Sheet Vinyl/Rubber	10%			2037	* *	5	$11,500	
Traffic Topping	15%			2037	* *	5	$14,400	
Vinyl Tile	25%	Now	$159,300	2042	* *	3	$7,200	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Upper Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Upper Floor Corridors, Auditorium, Staircase B And F								
Worn/Eroded, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Vinyl Tile	45%			2037	* *	3	$13,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$7,400	2035	* *	5	$1,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Stairs E And F								
Ceramic Tile	2%			2041	* *	5	$1,800	
Glass: Single Pane	5%	Now	$13,500	LIFE	* *	5	$3,300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	10%			LIFE	* *			
Plaster	80%	Now	$86,700	LIFE	* *	5	$21,400	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Room 508 North Wall, Bulkeards Stairs E And F, Room 307. Base Of Exterior Wall								
Ceilings								
Plaster	100%	Now	$233,800	LIFE	* *	5	$48,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 502, Bulkheads Stair E And F								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2042	* *			
Free Standing Walls								
Masonry: Brick	100%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$195,100	2062	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment And On Extended Life.								
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2031	$7,000	5	$100	
Fused Knife Sw	5%	0-2	$7,000	2057	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment And On Extended Life.								
Fused Toggle Switch	80%	0-2	$111,800	2057	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment And On Extended Life.								
Molded Case Bkrs	10%			2040	* *	5	$100	
Wiring								
Braided Cloth	80%	0-2	$159,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2042	* *	1		
Thermoplastic	10%			2032	$20,000	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement. Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$47,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$6,200	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2032	$48,500	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	$19,500	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Entry And Exit Doors								
Explanation : Intrusion Alarm Only And Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$40,200	1-3	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$50,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$8,200	2032	$411,300			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Leaking Return Line Piping And Consensate Pump								
Terminal Devices								
Convector/Radiator	100%	Now	$8,400	2030	$420,000	1	$14,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Radiator In Room 504 And First Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$2,700	2027	$136,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 2 Units								
No Component	30%							
Ventilation								
Exhaust Fans								
Wall Unit	10%			2032	$2,200	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%	0-2	$3,900	2030	$196,700	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Domestic Water Main Piping								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$21,300	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 111 - BX**				
Address	: **3740 BAYCHESTER AVENUE @ CRAWFORD AVE.**				
Borough	: **BRONX**		**Agency's Number**	: **X111**	
Program / Asset #	: **BOE0251.000 / 2677**		**Yr Built/Renovated**	: **1963 / 2001**	
Area Sq Ft	: **88,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **28-Apr-2022**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**				
Block	: **4916**	**Lot** : **1**	**BIN**	: **2065992**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,803,700
Interior Architecture	$723,800	
Electrical	$233,400	$1,213,000
Mechanical		$2,634,500
Total	**$957,200**	**$5,651,200**
Importance Code A		$1,803,700
Importance Code B	$370,700	$3,847,500
Importance Code C	$586,500	
Total	**$957,200**	**$5,651,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$145,700			
Interior Architecture	$171,200		$13,200	$8,100
Electrical	$11,300	$8,200	$8,500	$10,900
Mechanical	$92,800	$7,900	$10,800	$3,500
Site Enclosure	$19,500			
Site Pavements	$29,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$473,600**	**$20,000**	**$36,500**	**$26,500**
Importance Code A	$145,700			
Importance Code B	$240,100	$20,000	$36,500	$20,400
Importance Code C	$87,700			$6,200
Total	**$473,600**	**$20,000**	**$36,500**	**$26,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - BX

Asset # : 2677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$35,700	
Glass Block	10%			LIFE	* *	5	$8,900	
Masonry: Brick Cavity	65%			LIFE	* *	5	$92,800	
Masonry: Fieldstone	2%			LIFE	* *	5	$2,100	
Metal Panel	15%			2053	* *	5-10	$73,600	
Mosaic Tile	3%			2053	* *	10	$6,700	
Windows								
Aluminum	83%			2049	* *	5	$14,800	
Metal Louvers	17%			2042	* *	10	$18,900	
Roof								
Built-Up (BUR)	20%	Now	$37,900	2033	$189,400			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Over Gymnasium								
Copper/Terne	2%			2061	* *	10	$4,100	
IRMA/Protected Membrane	78%			2033	$1,497,500	10	$63,300	
Soffits								
Stucco Cement	100%	4+	$30,700	2038	* *	5	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	12%			LIFE	* *	5	$69,500	
Ceramic Tile	3%			2042	* *	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$10,300	
Vinyl Tile	80%			2038	* *	3	$39,700	
Interior Walls								
Cast in Place Concrete	5%	Now	$46,800	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Boiler Pit Area								
Ceramic Tile	5%			2042	* *	5	$12,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$19,700	
Folding Partition	5%	Now	$512,000	2041	* *	5	$15,400	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Plaster	55%			LIFE	* *	5-10	$115,200	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$24,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - BX

Asset # : 2677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2038	* *	5	$37,400	
Exposed Struc: Steel	20%			LIFE	* *	10	$49,900	
Metal Panel	10%	Now	$82,700	LIFE	* *	5	$15,600	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Basement Level Corridors								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridor								
Plaster	40%			LIFE	* *	5-10	$85,800	
Site Enclosure								
Fence/Gates								
Iron Picket	60%			2053	* *			
Metal Rail	40%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : At Roof Perimeter								
Explanation : Guard Railing At Roof Perimeter								
Retaining Walls								
Masonry: Fieldstone	100%	Now	$19,500	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Adjacent To Walkway At Southwest Corner Of Property								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$15,000	2038	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : By Tree On Baychester Avenue								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$6,400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stepped Walkway At Southest Corner Of Property								
Pavers/Stone	5%			2036	* *			
Activity Yard								
Asphalt	85%	4+	$7,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Rubber Matting	15%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - BX

Asset # : 2677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 800 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Molded Case Bkrs	90%			2032	$215,500	5	$2,100	
Molded Case Bkrs	10%			2049	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$233,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2041	* *	10	$76,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Battery	25%			2033	$36,900	10	$5,300	
Exit, Service	25%			2033	$9,500	1		
Exit, Battery	50%			2038	* *	10	$3,000	
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$165,200	1	$32,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$227,000	1-3	$55,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Bells								

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DEPARTMENT OF EDUCATION - 040
P. S. 111 - BX
Asset # : 2677

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	50%							
Under Construction	50%							
Distribution								
Steam Piping/Pump	100%			2033	$704,700			
Terminal Devices								
Air Handler	20%			2028	$331,200	1	$10,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	80%			2031	$575,700	1	$22,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$10,000	2028	$200,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various. 20 Percent Of The Units Are Not Working								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,700	
Exhaust Fans								
Interior	50%			2028	$195,100	2	$1,300	
Roof	50%			2038	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	18%	2-4	$10,100	2031	$202,200	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Water Main								
Galvanized Steel	2%	Now	$22,500	2053	* *	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Basement Valve								
HW Heat Exchanger								
Steam Fired	100%			2033	$425,500	4	$13,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - BX

Asset # : 2677

Mechanical	Current Repair			Future Replacement			Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
Sump Pump(s)									
Non-Submersible	100%	2-4	$17,600	2043	* *		4	$1,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%									
Location : Basement									
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Temporary Sump Pump Is Being Used									
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%			LIFE	* *				
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement To 1st Floor									
Explanation : 1 Unit Not Operational									
Fire Suppression									
Sprinkler									
No Component	95%								
Generic	5%			2043	* *		1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 111 - M**		
Address	: **440 WEST 53 STREET @10TH AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M111**
Program / Asset #	: **BOE0063.000 / 1691**	**Yr Built/Renovated**	: **1958 / 2008**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1062** **Lot** : **3**	**BIN**	: **1026740**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$54,200
Interior Architecture	$959,200	$455,700
Electrical	$285,100	$754,700
Mechanical	$170,500	$338,700
Site Pavements	$121,300	
Total	**$1,536,200**	**$1,603,400**
Importance Code A		$54,200
Importance Code B	$1,450,400	$1,549,100
Importance Code C	$85,800	
Total	**$1,536,200**	**$1,603,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,200			$5,400
Interior Architecture	$164,400	$4,100		$14,400
Electrical	$12,600	$3,000	$3,200	$48,200
Mechanical	$42,700	$16,900	$24,500	$45,200
Site Enclosure	$22,500			
Site Pavements	$26,500			
Total	**$288,900**	**$24,000**	**$27,700**	**$113,300**
Importance Code A	$29,100	$8,900	$8,900	$14,500
Importance Code B	$245,100	$15,100	$18,800	$98,700
Importance Code C	$14,700			
Total	**$288,900**	**$24,000**	**$27,700**	**$113,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	20%			LIFE	* *	5	$54,200	
Masonry: Brick	70%			LIFE	* *	5	$40,500	
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : South Facade								
Repairs in Progress, Extent : N/A, Area Affected : 5%								
Location : Facade Facing 10th Avenue								
Sidewalk Shed in Use, Extent : Light, Area Affected : 20%								
Location : Facades Facing 53rd Street, 10th Avenue And 52nd Street								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Parking Lot Area Into Basement Electrical Room								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$5,400	
Metal Panel	5%			2042	* *	5-10	$19,900	
Windows								
Aluminum	100%	Now	$20,200	2048	* *	5	$10,600	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Gymnasium Window								
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$28,100	LIFE	* *	5	$36,100	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridors								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Auditorium Floor								
Explanation : Epoxy Coating								
Ceramic Tile	5%			2035	* *	5	$8,200	
Terrazzo	5%	Now	$15,400	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Corridor In Front Of Auditorium								
Vinyl Tile	10%	Now	$9,100	2032	$455,700	3	$6,200	
Blisters, Extent : Severe, Area Affected : 20%								
Location : Main Floor Corridors								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 15%								
Location : Main Floor Corridors								
Vinyl Tile 9" X 9"	60%	Now	$873,500	2042	* *	3	$37,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Classrooms, Stair Landings And Corridors								
Cracking/Crumbling, Extent : Severe, Area Affected : 70%								
Location : Classrooms, Corridors And Stair Exits 2,3,4,5								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Stairwell B								
Wood	10%	0-2	$49,200	2047	* *	5	$15,500	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Teachers Lunchroom								
Interior Walls								
Ceramic Tile	3%	Now	$85,800	2041	* *	5	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Toilet Rooms								
Concrete Masonry Unit	15%			LIFE	* *	5	$10,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$26,000	
SGFT/Glazed Masonry	22%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$20,600	2037	* *	5	$16,000	
Loose/Delam Surface, Extent : Severe, Area Affected : 15%								
Location : Cafeteria From Various Leaks								
AcousTileConcealSpLn	25%	Now	$32,300	2037	* *	5	$25,100	
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : 3rd And 4th Floor Corridors								
Exposed Struc: Concrete	45%			LIFE	* *	5	$11,300	
Plaster	10%	Now	$9,800	LIFE	* *	5	$10,000	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : South Wall Of Cafeteria At Roof Drain								
Site Enclosure								
Fence/Gates								
Chain Link	60%	4+	$12,700	2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Iron Picket	40%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$9,800	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 10th Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$121,300	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 53rd Street								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : 53rd Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,000	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : West 53rd Street								
Parking/Driveway								
Asphalt	100%			2035	* *			
Activity Yard								
Asphalt	85%	4+	$21,500	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Pavers/Stone	5%			2041	* *			
Rubber Matting	10%	4+	$3,000	2037	* *			
Open Seams, Extent : Moderate, Area Affected : 2%								
Location : Rear Yard Play Area								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement. Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$227,600	5	$2,400	
Raceway								
Conduit	90%			2032	$181,600	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	10%			2048	* *	5	$200	
Molded Case Bkrs	80%			2031	$191,600	5	$1,900	
Wiring								
Braided Cloth	70%	0-2	$204,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Thermoplastic	20%			2032	$58,300	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$500	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$77,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T8 Lamps								
Fluorescent	4%			2037	* *	10	$3,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Auditorium								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$10,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
No Component	80%							
Under Construction	20%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$33,800	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$16,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm Panel, Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$89,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2042	* *	4	$4,400	
Terminal Devices								
Air Handler	20%			2032	$338,700	1	$11,100	
Convector/Radiator	60%	Now	$22,100	2037	* *	1	$15,700	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : 1st Floor Staff Bathroom And 4th Floor								
Under Construction	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Mechanical Room								
Explanation : Cafeteria Blower Under Construction								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	45%			2027	$153,400	1		
Window/Wall Unit	5%	Now	$3,400	2027	$17,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various. 5 Percent Of The Window Wall Units Are Not Working Due To Defective Mechanical And Electrical Components								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,200	
Exhaust Fans								
Under Construction	100%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 100%								
Location : Cracked Urinals Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,800	2037	* *	4	$1,900	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement. One Pump Is Out Of Service Due To Burnt Motor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Backflow Preventer								
Generic	100%			2037	* *	1	$5,500	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$45,400	
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	20%			2027	$16,300	1-3	$18,600	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 111 - Q**		
Address	: **37-15 13 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q111**
Program / Asset #	: **BOE0760.000 / 1590**	**Yr Built/Renovated**	: **1950 / 2001**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **363** **Lot** : **1**	**BIN**	: **4004419**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,528,400	
Interior Architecture	$1,430,000	$2,615,500
Electrical	$204,200	$440,700
Mechanical	$1,253,500	$1,455,000
Site Enclosure	$85,700	
Site Pavements	$678,300	
Total	**$6,180,100**	**$4,511,200**
Importance Code A	$2,528,400	
Importance Code B	$3,034,100	$4,511,200
Importance Code C	$617,600	
Total	**$6,180,100**	**$4,511,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,900			
Interior Architecture	$98,800		$3,400	$12,300
Electrical	$59,600	$8,100	$10,000	$8,100
Mechanical	$116,900	$29,600	$36,600	$50,700
Total	**$298,200**	**$37,700**	**$50,000**	**$71,200**
Importance Code A	$31,500	$8,600	$8,600	$8,600
Importance Code B	$238,300	$29,100	$41,400	$62,500
Importance Code C	$28,400			
Total	**$298,200**	**$37,700**	**$50,000**	**$71,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$1,117,900	LIFE	* *	5	$45,300	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout, Exit 9 Ceiling								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Greenhouse								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout, Auditorium Corners								
Masonry: Limestone	5%	Now	$59,400	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Metal Panel	3%			2043	* *	5-10	$10,400	
Window Wall	2%			2043	* *	5	$3,800	
Windows								
Aluminum	100%	4+	$229,200	2049	* *	5	$12,000	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Above 3rd Floor Window Room 325								
Explanation : Bent Lintel								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$22,900	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$71,800	LIFE	* *	5	$5,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	70%	Now	$749,300	2043	* *			1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Modified Bitumen	30%	Now	$300,800	2043	* *			1
Seams Open/Split, Extent : Severe, Area Affected : 20%								
Location : Over Cafeteria								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$57,500	LIFE	* *	5	$29,600	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement								
Explanation : Ground Water Penetration								
Ceramic Tile	3%	2-4	$11,400	2042	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout, 3rd Floor Toilet								
Quarry Tile	2%			2046	* *	5	$4,100	
Terrazzo	2%			LIFE	* *	5	$4,200	
Vinyl Tile	70%			2033	$2,615,500	3	$47,300	
Vinyl Tile 9" X 9"	3%	0-2	$716,100	2043	* *	3	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Kitchen, Bathroom, Dressing Room								
Wood	10%			2048	* *	5	$25,400	
Interior Walls								
Ceramic Tile	5%	2-4	$28,400	2042	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	2-4	$96,900	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	4+	$150,600	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$231,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$26,500	
AcousTileSusp.Lay-In	2%			2046	* *	5	$2,600	
AcousTileSusp.Lay-In	3%			2053	* *	5	$4,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Exposed Struc: Concrete	30%			LIFE	* *	5-10	$49,600	
Metal Panel	1%			LIFE	* *	5	$3,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Plaster	44%	Now	$177,100	LIFE	* *	5	$36,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%	0-2	$85,700	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Various								
Iron Picket	20%			2068	* *			
Retaining Walls								
Cast in Place Concrete	50%			2068	* *			
Masonry: Brick	50%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$220,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Along 13th Street								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : 13th Street								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : 13th Street Near Tree								
On-Site Walkways								
Cast in Place Concrete	90%	4+	$52,700	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Various								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Asphalt	100%	0-2	$404,900	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	70%			2033	$141,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$78,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	40%			2028	$58,400	10	$8,400	
Emergency, Battery	10%			2038	* *	10	$2,100	
Exit, Service	50%			2028	$18,800	1		
Exterior Lighting								
HID	20%			2028	$81,200	10	$100	
HID	10%	Now	$40,600	2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear								
Explanation : Not Functional								
No Component	70%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$16,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$81,700	1	$16,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$53,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Fire Alarm Panel And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$86,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Gasoline Fired Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	80%			2063	* *	4	$3,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Central Plant Steam Piping/Pmp	20%	0-2	$489,300	2063	* *	4	$900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement. Condensate, Vacuum Pump Not Working								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Terminal Devices								
Air Handler	30%			2033	$491,200	1	$16,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement Fan Room, Controls On Equipment Have Been Upgraded.								
Convector/Radiator	70%	Now	$24,900	2038	* *	1	$17,700	
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : Two Radiators Leaking, One At Penthouse And Exit 7								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Defective Steam Traps								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2038	* *	2	$500	
Split Unit	10%			2038	* *			
Window/Wall Unit	70%			2028	$230,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$764,200	LIFE	* *	2-5	$48,500	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Air Plenum								
Exhaust Fans								
Interior	100%			2033	$385,900	2	$2,700	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement And Penthouse Fan Rooms								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$102,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Sewage Ejector(s)								
Electric	100%	0-2	$45,600	2043	* *	4	$3,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : The Two Pumps Are Not Working								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$2,400	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set. Kitchen Fire Suppression System Covers 60 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 112 - BK**		
Address	: **7115 15 AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K112**
Program / Asset #	: **BOE0422.000 / 1382**	**Yr Built/Renovated**	: **1905 / 2011**
Area Sq Ft	: **45,972**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6180** **Lot** : **1**	**BIN**	: **3157760**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$916,300	$240,100
Interior Architecture	$4,667,300	$807,200
Electrical		$298,400
Mechanical	$186,500	$703,100
Total	**$5,770,100**	**$2,048,900**
Importance Code A	$916,300	$240,100
Importance Code B	$4,789,200	$1,808,800
Importance Code C	$64,600	
Total	**$5,770,100**	**$2,048,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,700		$48,600	$1,100
Interior Architecture	$142,300			$6,800
Electrical	$2,700	$2,400	$75,000	$2,200
Mechanical	$9,500	$6,300	$66,000	$6,800
Site Pavements	$7,300			
Total	**$199,500**	**$8,700**	**$189,600**	**$17,100**
Importance Code A	$45,700	$4,600	$53,300	$5,700
Importance Code B	$149,800	$4,200	$136,400	$11,400
Importance Code C	$4,000			
Total	**$199,500**	**$8,700**	**$189,600**	**$17,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	0-2	$92,300	LIFE	* *	5	$72,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Decorative Elements								
Masonry: Brick	70%	Now	$107,000	LIFE	* *	5	$65,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Chimney Stack								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Sidewalk Shed in Use, Extent : Light, Area Affected : 25%								
Location : Along 71st Street, Gymnasium Under Construction								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Under Construction	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Along 71st Street								
Explanation : Gymnasium Under Construction North Side								
Windows								
Aluminum	10%			2047	* *	5	$2,300	
Wood	90%	Now	$716,900	2056	* *	5	$102,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Windows								
Explanation : Decorative Metal Grilles								
Parapets								
Masonry: Brick Cavity	85%	0-2	$27,800	LIFE	* *	5	$13,800	
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Exterior Side Of Parapets								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Exterior Side Of Parapets								
Pre-Cast Concrete	15%	Now	$9,900	LIFE	* *	5	$15,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Roof								
Roof								
Built-Up (BUR)	100%			2036	* *	10	$48,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$1,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,000	
Ceramic Tile	5%	Now	$4,100	2034	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Vinyl Tile	40%	Now	$40,400	2031	$807,200	3	$11,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Stair Landings								
Vinyl Tile 9" X 9"	35%	Now	$90,200	2026	$4,512,400	3	$9,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Wood	15%	Now	$32,700	2046	* *	5	$10,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout At Radiators								
Split/Cracked, Extent : Severe, Area Affected : 2%								
Location : Classroom 103 And 301								
Interior Walls								
Ceramic Tile	5%	Now	$4,000	2034	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Glass: Single Pane	4%			LIFE	* *	5	$2,200	
Masonry: Brick	15%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Plaster	73%	Now	$64,600	LIFE	* *	5	$15,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs, Room 301 And Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stairs, Room 301 And Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$4,700	2036	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Cafeteria And Throughout								
AcousTileSusp.Lay-In	5%	Now	$1,200	2036	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Cafeteria And Throughout								
Exposed Struc: Concrete	10%	Now	$21,900	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Plaster	75%	Now	$33,300	LIFE	* *	5	$34,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2051	* *			
Iron Picket	90%			2036	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	70%	4+	$7,300	2044	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : At Tree Pits								
Under Construction	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Along 71st Street								
Explanation : Gymnasium Under Construction								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	45%			2034	* *			
Rubber Matting	15%			2031	$43,800			
Under Construction	40%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Fuse Rated At 1,000 Amperes.								

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DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$162,600	5	$200	
Raceway								
Conduit	80%			2031	$64,800	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Toggle Switch	1%			2030	$1,400	5		
Molded Case Bkrs	20%			2030	$27,900	5	$200	
Molded Case Bkrs	79%			2039	* *	5	$1,000	
Wiring								
Braided Cloth	30%			2030	$31,700	1		
Thermoplastic	50%			2041	* *	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$200	
Motor Control Center	50%			2036	* *	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	99%			2036	* *	10	$41,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	1%			2039	* *			
Egress Lighting								
Emergency, Service	5%			2036	* *	1		
Emergency, Battery	45%			2036	* *	10	$5,000	
Exit, Battery	50%			2036	* *	10	$1,600	
Exterior Lighting								
HID	20%			2031	$42,900	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2031	$43,200	1	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$23,700	1-3	$5,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5,000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$8,000	2044	* *	1	$41,000	
Broken, Extent : Severe, Area Affected : 20%								
Location : Defective Low-water Cut-off For Each Boiler In Basement Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Defective Actuator For Fresh Air Louver/damper Serving Boiler No.2 In Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Dual Fuel Steam Boilers.								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$64,600	2041	* *	4	$2,300	
Controller Not Working, Extent : Moderate, Area Affected : 25%								
Location : Defective Thermostats In Various Locations Throughout								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum/condensate Pumps Located In Basement Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Defective Steam Traps In Various Locations Throughout								
Terminal Devices								
Air Handler	5%			2026	$43,300	1	$1,400	
Convector/Radiator	90%			2029	$338,300	1	$13,400	
Unit Heater - Steam	5%			2026	$13,100	4	$200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2026	$121,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,600	
Exhaust Fans								
Roof	80%			2031	$71,400	2	$1,100	
Wall Unit	20%			2031	$4,000	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$293,400	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		

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DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$9,200	4	$1,000	
Fixtures								
Generic	15%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st And 2nd Floors Staff Toilet Rooms								
Explanation : Upgrade Of Toilets, Sinks And Urinals.								
Generic	85%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2031	$12,700	1-2	$300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 112 - BX**		
Address	: **1925 SCHIEFFELIN AVENUE @E. 229 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X112**
Program / Asset #	: **BOE0252.000 / 412**	**Yr Built/Renovated**	: **1953 / 2013**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **49050** **Lot** : **500**	**BIN**	: **2065991**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$727,900	$60,100
Interior Architecture	$478,500	
Electrical	$269,900	$229,200
Mechanical	$161,400	$550,600
Total	**$1,637,600**	**$839,900**
Importance Code A	$727,900	$60,100
Importance Code B	$484,800	$779,800
Importance Code C	$424,900	
Total	**$1,637,600**	**$839,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,700			
Interior Architecture	$62,900	$16,300		$11,100
Electrical	$5,300	$2,700	$1,900	$52,600
Mechanical	$72,200	$11,000	$22,200	$12,300
Site Pavements	$14,000			
Total	**$182,000**	**$30,000**	**$24,000**	**$75,900**
Importance Code A	$34,700	$7,000	$7,000	$7,200
Importance Code B	$100,500	$22,900	$17,000	$68,800
Importance Code C	$46,900			
Total	**$182,000**	**$30,000**	**$24,000**	**$75,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	4+	$98,900	LIFE	* *	5	$60,100	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	15%			LIFE	* *	5	$8,400	
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	98%	4+	$9,900	2048	* *	5	$5,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria And Kitchen								
Metal Louvers	2%			2041	* *	10	$1,300	
Parapets								
Masonry: Brick	85%	2-4	$15,800	LIFE	* *	5	$6,300	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Rear Parapet Wall								
Horizontal Cracks, Extent : Light, Area Affected : 1%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$1,400	
Roof								
Copper/Terne	6%	Now	$1,900	2060	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkheads, Drip Edge								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkheads, Drip Edge								
Modified Bitumen	94%	0-2	$628,900	2037	* *			
Blisters, Extent : Severe, Area Affected : 60%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Throughout Roof								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Exit Stair 3 And 4, Bulkhead At Exit 5 And 6								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,100	
Ceramic Tile	5%	2-4	$15,600	2035	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Worn/Eroded, Extent : Light, Area Affected : 35%								
Location : Bathrooms								
Terrazzo	5%	2-4	$10,400	LIFE	* *	5	$4,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Stair Tread								
Vinyl Tile	80%			2037	* *	3	$33,300	
Wood	5%			2060	* *	5	$10,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$36,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	5%	0-2	$80,000	2035	* *	5	$2,400	
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Toilet Rooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,900	
Plaster	50%	Now	$236,000	LIFE	* *	5	$14,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement, 302a, Stairwells At Roof Access, Auditorium								
Deteriorated Finish, Extent : Severe, Area Affected : 5%								
Location : Basement, 302a, Stairwells At Roof Access, Auditorium								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Room 308, Stairwells At Roof Access, Stair Bulkheads								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairwells At Roof Access, Auditorium, Exit 5 And 6								
SGFT/Glazed Masonry	25%	Now	$109,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Basement, Exit 5 And 6								
Misaligned/Bulging, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Ceilings								
AcousTile,Adhered	5%	Now	$53,500	2052	* *	5	$2,800	
Misaligned/Bulging, Extent : Severe, Area Affected : 40%								
Location : Basement								
Staining/Discoloring, Extent : Severe, Area Affected : 60%								
Location : Basement								
AcousTile,Adhered	20%			2037	* *	5	$22,200	
Exposed Struc: Concrete	60%			LIFE	* *	5	$10,400	
Plaster	15%			LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 308, Stairwells At Roof Access								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : 112, 310, 308, Stairwells At Roof Access, Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2042	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 40%								
Location : Throughout								
Iron Picket	35%			2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 40%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	55%			2045	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Schieffelin Avenue								
Explanation : Recent Repairs								
Cast in Place Concrete	45%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2037	* *			
Masonry: Granite	30%	Now	$10,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Rear And Front Steps At Entrances								
Activity Yard								
Asphalt	85%	2-4	$3,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rubber Matting	15%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	4%			2048	* *	5	$100	
Fused Disc Sw	6%			2031	$10,800	5	$100	
Fused Knife Sw	2%	2-4	$3,600	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	78%			2048	* *	5	$1,500	
Molded Case Bkrs	10%			2031	$18,000	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$159,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$400	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$62,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	40%			2027	$47,700	10	$6,900	
Emergency, Battery	10%			2037	* *	10	$1,700	
Exit, Service	50%			2027	$15,300	1		
Exterior Lighting								
LED	20%			2037	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$26,700	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2058	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$70,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : 2 Units.								
Distribution								
Central Plant Steam Piping/Pmp	100%			2058	* *	4	$3,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Terminal Devices								
Air Handler	20%	Now	$26,700	2032	$267,200	1	$7,900	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor. 2 Supply With Bearing Problem								
Convector/Radiator	80%			2037	* *	1	$18,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2037	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Using R410a, Auditorium								
Window/Wall Unit	60%			2027	$161,400	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Interior	90%			2032	$283,400	2	$2,000	
Roof	10%	0-2	$1,400	2032	$13,800	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 2 Bathroom Exhaust Fans								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$18,100	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Water Main								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$7,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$14,200	2042	* *	4	$1,500	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,000	
Chemical System								
No Component	80%							
Generic	20%			2030	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 112 - Q**				
Address	: **25-05 37 AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q112**
Program / Asset #	: **BOE0761.000 / 1591**			**Yr Built/Renovated**	: **1953 / 2003**
Area Sq Ft	: **66,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-Jan-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **344**	**Lot**	: **1**	**BIN**	: **4004170**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$507,900	$915,100
Interior Architecture		$815,400
Electrical	$317,800	$445,400
Mechanical	$200,000	$526,500
Site Enclosure	$132,600	
Total	**$1,158,300**	**$2,702,300**
Importance Code A	$507,900	$915,100
Importance Code B	$517,800	$1,787,200
Importance Code C	$132,600	
Total	**$1,158,300**	**$2,702,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,400	$14,800		
Interior Architecture	$25,000	$12,000	$3,700	$11,500
Electrical	$2,100	$1,800	$2,400	$36,600
Mechanical	$113,700	$10,200	$17,100	$44,900
Site Enclosure	$7,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$157,900**	**$42,800**	**$27,100**	**$97,000**
Importance Code A	$34,200	$21,300	$6,500	$6,500
Importance Code B	$123,700	$21,400	$20,600	$90,500
Importance Code C				
Total	**$157,900**	**$42,800**	**$27,100**	**$97,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2052	* *	10	$10,300	
Masonry: Brick	92%			LIFE	* *	5	$80,700	
Masonry: Limestone	3%			LIFE	* *	5	$2,000	
Windows								
Aluminum	94%	4+	$145,500	2048	* *	5	$15,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Metal Louvers	3%	Now	$5,400	2035	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Steel	3%			2040	* *	5	$12,200	
Parapets								
Masonry: Brick	90%	0-2	$362,400	LIFE	* *	5	$14,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 60%								
Location : Perimeter Parapet Walls								
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	5%			2045	* *	5-10	$14,400	
Roof								
Built-Up (BUR)	95%			2032	$768,600	10	$65,900	
Copper/Terne	5%			2060	* *	10	$8,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,100	
Ceramic Tile	3%	Now	$25,000	2035	* *	5	$2,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Terrazzo	2%			LIFE	* *	5	$2,300	
Vinyl Tile	20%			2032	$815,400	3	$11,100	
Vinyl Tile	65%			2037	* *	3	$36,000	
Wood	5%			2047	* *	5	$13,800	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,800	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$18,700	
SGFT/Glazed Masonry	22%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2037	* *	5	$9,200	
Exposed Struc: Concrete	65%			LIFE	* *	5	$15,000	
Metal Panel	5%			LIFE	* *	5	$9,200	
Plaster	25%			LIFE	* *	5	$23,100	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%	Now	$132,600	2062	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Between Playground And Park								
Iron Picket	60%			2067	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Various								
Retaining Walls								
Cast in Place Concrete	100%	4+	$7,800	2067	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Near Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2045	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2058	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2058	* *	5	$300	
Raceway								
Conduit	85%			2032	$122,900	1		
Conduit	15%			2058	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	80%			2031	$143,700	5	$1,400	
Molded Case Bkrs	10%			2054	* *	5	$200	
Wiring								
Braided Cloth	75%	0-2	$149,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2032	$29,900	1		
Thermoplastic	10%			2058	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$59,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$55,400	10	$8,000	
Exit, Service	50%			2027	$14,200	1		
Exterior Lighting								
HID	20%			2027	$61,600	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera System								
Generic	10%			2027	$12,400	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Some Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$51,100	1-3	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5000 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$28,800	2037	* *	1	$58,800	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Control System For Boilers Is Manually Running, Need To Fix Auto Control Zone								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$37,100	2042	* *	4	$3,300	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Return Line Of Heating Pump Is Leaking								
Terminal Devices								
Air Handler	20%	Now	$12,400	2032	$248,400	1	$7,300	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Air Handlers Pneumatic Lines Were Cut								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : All Air Handlers								
Explanation : Air Filters Are Missing								
Convector/Radiator	80%			2037	* *	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	20%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Roof								
Explanation : 1 Split At The Roof To Serve Auditorium.								
Window/Wall Unit	80%	0-2	$4,000	2027	$200,000	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : All Over The Building								
Explanation : 10 Percent Of The Units Are Not Working								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	
Exhaust Fans								
Interior	95%	0-2	$13,900	2032	$278,100	2	$1,500	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Penthouse Fans								
Roof	5%			2042	* *	2	$100	
On Extended Life, Extent : Moderate, Area Affected : 1%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2042	* *	1		
Galvanized Steel	70%	0-2	$11,800	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Main Risers								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$13,200	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2042	* *	4	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%	Now	$900	2042	* *	1-2	$800	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Corroded Shut Off Valves								
Chemical System								
No Component	80%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 113 - M**		
Address	: **240 WEST 113 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M113**
Program / Asset #	: **BOE0065.000 / 1693**	**Yr Built/Renovated**	: **1938 / 2008**
Area Sq Ft	: **105,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **1828** **Lot** : **15**	**BIN**	: **1055111**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$969,500	$2,053,200
Interior Architecture	$500,100	$21,150,500
Electrical	$516,600	$356,300
Mechanical	$1,985,900	$1,808,600
Total	**$3,972,100**	**$25,368,500**
Importance Code A	$969,500	$2,053,200
Importance Code B	$3,002,600	$23,315,300
Total	**$3,972,100**	**$25,368,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$83,700		$1,200	$18,100
Interior Architecture	$38,800		$9,300	$22,400
Electrical	$29,900	$6,000	$37,800	$6,200
Mechanical	$80,400	$14,800	$25,900	$14,800
Site Enclosure	$6,800			
Site Pavements	$53,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$297,000**	**$24,700**	**$78,100**	**$65,500**
Importance Code A	$94,100	$10,400	$11,800	$28,500
Importance Code B	$194,200	$14,300	$66,300	$37,000
Importance Code C	$8,700			
Total	**$297,000**	**$24,700**	**$78,100**	**$65,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%	4+	$29,300	LIFE	* *	5	$16,800	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : 112th Street Elevation								
Masonry: Brick	83%	Now	$613,400	LIFE	* *	5	$149,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Penthouse, Chimney Stack - East Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Chimney And Mechanical Penthouse								
Masonry: Granite	5%			LIFE	* *	5	$6,700	
Masonry: Limestone	10%	Now	$282,700	LIFE	* *	5	$13,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Base Of Building At Grade								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Base Of Building At Grade								
Windows								
Aluminum	100%			2047	* *	5	$36,300	
Parapets								
Masonry: Brick	88%	Now	$73,400	LIFE	* *	5	$11,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : East Facade Proximate To Room 421								
Masonry: Limestone	10%	Now	$16,300	LIFE	* *	5	$1,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping Stones								
Metal: Cage/Fence	2%			2036	* *	5-10	$2,000	
Roof								
IRMA/Protected Membrane	100%	Now	$38,100	2031	$1,904,200			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Roof Over 4th Floor								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%			2034	* *	5	$6,000	
Terrazzo	2%			LIFE	* *	5	$3,100	
Vinyl Tile	30%			2036	* *	3	$29,800	
Vinyl Tile 9" X 9"	60%	Now	$421,400	2031	$21,069,700	3	$44,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor And Cafeteria								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Wood	5%			2046	* *	5	$18,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$5,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,700	
Glass: Single Pane	5%			LIFE	* *	5	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Transom Windows And Stair Dividers								
Explanation : Single Pane And Safety Glass								
Masonry: Brick	5%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$30,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	4+	$25,600	2036	* *	5	$19,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,700	
Plaster	65%	Now	$78,700	LIFE	* *	5	$80,800	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Gymnasium								
Other Observation, Extent : Light, Area Affected : 2%								
Location : 3rd Floor Gymnasium								
Explanation : Water Penetration As A Result Of Broken Condensate Piping								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$6,800	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Areaway Wall On 113th Street Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2036	* *			
Masonry: Granite	10%	Now	$5,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Entry Stairs								
Masonry: Granite	20%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%	Now	$47,500	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Pavers/Stone	10%			2034	* *			
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Running Track Area								
Explanation : This Is Actually Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Emergency Lighting Service Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	50%			2031	$121,900	1		
Conduit	50%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%	2-4	$24,000	2056	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : Knife Switches								
Molded Case Bkrs	60%			2030	$143,700	5	$1,700	
Molded Case Bkrs	30%			2047	* *	5	$800	
Wiring								
Braided Cloth	60%	2-4	$205,100	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$400	
Locally Mounted	50%	2-4	$54,400	2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life, Boiler Controllers								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Connected To Main Water Pipe In The Basement								
Explanation : Grouding Intalled Within Past 3 To 4 Years								
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$90,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	3%			2026	$87,300	2	$100	
LED	3%			2039	* *			
Egress Lighting								
Emergency, Battery	45%			2026	$79,300	10	$11,400	
Exit, LED	10%			2066	* *	1		
Exit, Service	45%			2026	$20,400	1		
Exterior Lighting								
LED	100%			2039	* *			
Lightning Protection								
Arresters/Cabling								
Generic	100%			2046	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Stack								
Explanation : Installed Only On Roof Stack								
Alarm								
Security System								
No Component	20%							
Generic	80%			2039	* *	1	$31,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	66%							
Generic, Analog	34%			2039	* *	1-3	$22,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$104,000	
Distribution								
Steam Piping/Pump	100%	0-2	$84,100	2051	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement And Gymnasium Valve Leak								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pumps In Basement								
Terminal Devices								
Air Handler	5%	Now	$59,300	2041	* *	1	$2,900	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Flexible Duct Connections								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Basement And Penthouse Fan Rooms, Defective Climate Controls								
Air Handler	20%			2026	$395,200	1	$13,000	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Penthouse Fan Rooms								
Convector/Radiator	40%			2029	$343,400	1	$13,600	
Convector/Radiator	5%	0-2	$25,800	2051	* *	1	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout, 5 Of 70 Rooms With Defective Climate Control Thermostats								
Fan Coil Unit/Heat	2%	Now	$31,200	2041	* *	1	$600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Throughout Classrooms On The Old Wing Of The Building, 2 Of 40 Unit Ventilators With Multiple Mechanical Andn Or Electrical Defects								
Fan Coil Unit/Heat	28%			2026	$728,900	1	$9,500	
On Extended Life, Extent : Moderate, Area Affected : 75%								
Location : Throughout Classrooms On The Old Wing Of The Building								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Throughout Classrooms On The Old Wing Of The Building								
Explanation : Unit Ventilators In Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	5%			2031	$124,700			
Window/Wall Unit	80%			2026	$318,200	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	75%	Now	$7,000	2026	$349,300	2	$1,900	
Damaged, Extent : Severe, Area Affected : 5%								
Location : Basement Flex Duct								
On Extended Life, Extent : Moderate, Area Affected : 75%								
Location : Basement And Penthouse Fan Rooms								
Roof	25%			2026	$50,900	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Roof Of Newer Wing Of The Building								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,340,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Electric	10%			2026	$2,400	4		
Gas Fired	90%			2029	$15,400	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	Now	$2,100	2036	* *	4	$2,200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : One Of 2 Pumps In Basement								
Backflow Preventer								
No Component	90%							
Generic	10%			2039	* *	1	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Science Laboratories Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 113 - Q**
Address : **87-21 79 AVENUE BTWN: 87 ST., 88 ST.**
Borough : **QUEENS**
Agency's Number : **Q113**
Program / Asset # : **BOE0762.000 / 1566**
Yr Built/Renovated : **1928 / 2009**
Area Sq Ft : **94,000**
Project Type : **EDUCATION**
Date of Survey : **09-Jan-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3846** **Lot** : **40**
BIN : **4094055**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$265,700
Interior Architecture		$995,000
Electrical	$230,400	$271,100
Mechanical	$154,600	$699,000
Site Enclosure	$63,500	
Total	**$448,500**	**$2,230,800**
Importance Code A		$265,700
Importance Code B	$385,000	$1,965,100
Importance Code C	$63,500	
Total	**$448,500**	**$2,230,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$53,500	$22,500	
Interior Architecture	$10,000	$7,600	$22,300	$4,000
Electrical	$17,700	$13,300	$15,200	$12,900
Mechanical	$41,300	$28,100	$20,400	$12,900
Site Pavements	$74,200			
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$158,900**	**$118,300**	**$96,100**	**$45,500**
Importance Code A	$17,500	$59,800	$28,500	$6,000
Importance Code B	$134,800	$58,500	$61,100	$39,500
Importance Code C	$6,600		$6,500	
Total	**$158,900**	**$118,300**	**$96,100**	**$45,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cement - Fiber Panel	3%			2035	* *	10	$14,500	
Masonry: Brick	30%			LIFE	* *	5	$46,300	
Masonry: Brick Cavity	7%			LIFE	* *	5	$10,800	
Masonry: Brick Cavity	53%			LIFE	* *	5	$81,800	
Masonry: Limestone	2%			LIFE	* *	5	$2,300	
Masonry: Marble	3%			LIFE	* *	5	$3,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$10,000	
Windows								
Aluminum	45%			2046	* *	5	$20,200	
Aluminum	55%			2046	* *	5	$24,700	
Parapets								
Cast Stone/Terra Cotta	35%			LIFE	* *	5	$55,900	
Masonry: Brick	5%			LIFE	* *	5	$1,000	
Masonry: Brick Cavity	40%			LIFE	* *	5	$8,300	
Metal Rail	10%			2043	* *	5-10	$37,300	
Marble Panels	5%			LIFE	* *	5	$1,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	
Roof								
Asphalt Shingle	5%			2039	* *	10	$500	
Asphalt Shingle	35%			2033	$117,200	10	$3,600	
Copper/Terne	2%			2045	* *	10	$3,100	
IRMA/Protected Membrane	50%			2035	* *	10	$31,000	
Single Ply Membrane	8%			2035	* *	10	$5,000	
Interior								
Floors								
Carpet	5%			2029	$142,500	3	$12,100	
Cast in Place Concrete	5%			LIFE	* *	5	$17,600	
Ceramic Tile	2%			2039	* *	5	$3,200	
Vinyl Tile	28%			2035	* *	3	$16,900	
Vinyl Tile	20%			2030	$890,300	3	$16,100	
Vinyl Tile	30%			2035	* *	3	$18,100	
Wood	5%			2045	* *	5	$15,100	
Wood	5%			2058	* *	5	$15,100	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$8,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$14,000	
Folding Partition	3%			2046	* *	5	$13,100	
Gypsum Board	7%			LIFE	* *	5	$7,300	
Gypsum Board	20%			LIFE	* *	5	$20,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	33%			LIFE	* *	5	$17,300	
SGFT/Glazed Masonry	7%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$16,100	
AcousTileSusp.Lay-In	55%			2043	* *	5	$88,600	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$30,200	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2050	* *			
Iron Picket	80%	4+	$63,500	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Perimeter								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$29,200	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 79th Avenue, 88th Street								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$2,200	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Existing 7 Steps								
Activity Yard								
Asphalt	95%	4+	$42,700	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Play Yard								
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Six Vertical Sections								
Raceway								
Conduit	75%			2030	$151,300	1		
Conduit	25%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	40%			2046	* *	5	$1,000	
Molded Case Bkrs	50%			2029	$119,700	5	$1,200	
Wiring								
Braided Cloth	50%	2-4	$145,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing								
Thermoplastic	50%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$28,900	
Generators								
Diesel	100%			2039	* *	1	$36,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,500	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	97%			2035	* *	10	$83,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2035	* *	10	$900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	25%			2035	* *	10	$100	
LED	5%			2038	* *			
No Component	70%							
Lightning Protection								

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$57,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	70%			2050	* *	1		
Interruptible Gas/Dual Fuel	30%			2050	* *	1		
Conversion Equipment								
Furnace	20%	0-2	$2,900	2035	* *	1	$8,400	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Defective Temperature Control System Of The Units, Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 5 Rooftop Units								
Furnace	50%			2035	* *	1	$23,200	
Steam Boiler	30%	0-2	$12,300	2043	* *	1	$25,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : No. 2 Boiler Tube Leaks, Old Wing Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Basement Boiler Room								
Explanation : 2 Units For Old Wing								
Distribution								
Steam Piping/Pump	30%	0-2	$4,500	2040	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Thermostats, Various Locations								
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2030	$176,900	1	$5,800	
Convector/Radiator	15%	Now	$2,300	2035	* *	1	$4,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control Air Leaks At Various Locations								
Fan Coil Unit/Heat	5%			2030	$116,500	1	$1,500	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	70%			2035	* *	2	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 5 Units With 407a Refrigerant								
Split Unit	10%			2030	$223,200			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Penthouse Mechanical Room.								
Window/Wall Unit	20%	0-2	$7,100	2024	$71,200	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 10%								
Location : Various Locations In Old Wing								
Terminal Devices								
Air Handler/Cool/Ht	10%			2030	$182,400	1	$5,800	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2030	$27,200	2	$6,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$4,100	LIFE	* *	2-5	$2,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Louver Actuator.								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$49,800	
Exhaust Fans								
Interior	20%			2025	$83,400	2	$600	
Roof	80%			2035	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
No Component	30%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Front Side Of The Gutters Are Clogged.								
Explanation : Gutters For The Old Building.								
Sump Pump(s)								
Non-Submersible	100%			2030	$18,800	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,700	
Backflow Preventer								
Generic	100%			2035	* *	1	$5,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Bathroom 137 And 140.								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Cellar To 3rd Floor, One Unit From Cellar To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	30%							
Generic	70%			2050	* *	1-2	$18,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 114 - BK**				
Address	: **1077 REMSEN AVENUE @BAYVIEW PL.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K114**	
Program / Asset #	: **BOE0424.000 / 1384**		**Yr Built/Renovated**	: **1907 / 2018**	
Area Sq Ft	: **104,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **25-Feb-2021**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **8160**	**Lot** : **22**	**BIN**	: **3229159**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$319,500	$952,200
Interior Architecture	$5,521,400	$52,600
Electrical	$560,500	$839,300
Mechanical	$238,300	$1,419,900
Site Pavements		$138,400
Total	**$6,639,700**	**$3,402,400**
Importance Code A	$319,500	$952,200
Importance Code B	$6,136,100	$2,450,200
Importance Code C	$184,000	
Total	**$6,639,700**	**$3,402,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$110,500	$8,700		$13,600
Interior Architecture	$106,900	$9,200		$27,300
Electrical	$11,500	$17,500	$12,300	$82,700
Mechanical	$54,800	$15,400	$22,600	$62,500
Site Enclosure	$12,100			
Site Pavements	$73,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$373,200**	**$54,800**	**$38,900**	**$190,000**
Importance Code A	$144,100	$17,500	$8,800	$22,600
Importance Code B	$184,100	$37,300	$30,100	$167,400
Importance Code C	$45,100			
Total	**$373,200**	**$54,800**	**$38,900**	**$190,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$231,000	LIFE	* *	5	$113,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Northwest Corner Of Building								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,500	
Masonry: Brick	37%	Now	$88,500	LIFE	* *	5	$53,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair H Landings And Bulkhead								
Masonry: Brick Cavity	38%			LIFE	* *	5	$55,200	
Masonry: Granite	5%			LIFE	* *	5	$5,400	
Metal Panel	5%			2052	* *	5-10	$49,900	
Windows								
Aluminum	97%	0-2	$24,900	2048	* *	5	$13,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Various Windows Throughout								
Metal Louvers	3%			2041	* *	10	$5,100	
Parapets								
Masonry: Brick	38%			LIFE	* *	5	$3,000	
Masonry: Brick Cavity	42%			LIFE	* *	5	$3,300	
Metal Panel	5%			2058	* *	5	$1,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Upper Roof								
Metal Rail	10%			2045	* *	5-10	$14,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,500	
Roof								
Built-Up (BUR)	70%	Now	$36,500	2032	$729,900			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 303 A At Mechanical Roof Penetration								
Metal Panel	5%	Now	$3,300	2045	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair A Bulkhead								
Single Ply Membrane	25%	Now	$45,800	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Corridor, Room 331 In 1999 Addition								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,100	
Ceramic Tile	5%			2035	* *	5	$7,400	
Marble Panels	2%			LIFE	* *	5	$2,200	
Quarry Tile	5%			2045	* *	5	$11,100	
Vinyl Tile	53%	4+	$43,200	2037	* *	3	$29,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Corridor, 1st Floor Classrooms And Multi-purpose Room								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : 1st Floor Corridor, 1st Floor Classrooms And Multi-purpose Room								
Vinyl Tile 9" X 9"	20%			2027	$5,209,400	3	$14,800	
Wood	10%			2047	* *	5	$27,700	
Interior Walls								
Concrete Masonry Unit	12%			LIFE	* *	5	$15,800	
Glass: Single Pane	3%			LIFE	* *	5	$7,400	
Gypsum Board	15%			LIFE	* *	5	$29,600	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Marble Panels	2%	Now	$23,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 3%								
Location : Lobby								
Plaster	46%	Now	$184,000	LIFE	* *	5	$45,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairwell H, Bulkheads, Library, Gymnasium Office								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stairwell H, Bulkheads, Library, Gymnasium Office								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%	0-2	$36,800	2037	* *	5	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Main Office								
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Arched Metal Panels								
Metal Panel	3%			LIFE	* *	5	$5,500	
Plaster	57%	0-2	$127,900	LIFE	* *	5	$52,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairwell H, Bulkheads, Library, Gymnasium Office								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	35%	Now	$6,700	2042	* *			
Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Gates Throughout Rear Lot/ Driveway								
Iron Picket	65%	Now	$5,400	2067	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Corner Of Remsen Avenue And Bay View Place								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$8,700	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Sidewalk On Remsen Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,300	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Main Entry Stairs								
Parking/Driveway								
Asphalt	65%	0-2	$8,500	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Driveaway Through Rear Lot								
Cast in Place Concrete	35%			2045	* *			
Activity Yard								
Asphalt	70%	0-2	$27,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Rubber Matting	30%	Now	$27,700	2032	$138,400			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Courtyard								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Rear Courtyard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	30%			2042	* *	5	$100	
Fused Disc Sw	60%			2032	$156,100	5	$300	
Molded Case Bkrs	10%			2042	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	30%			2052	* *	1		
Conduit	70%			2032	$170,600	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$2,700	
Wiring								
Braided Cloth	50%			2031	$170,900	1		
Thermoplastic	30%			2052	* *	1		
Thermoplastic	20%			2032	$68,400	1		
Motor Controllers								
Locally Mounted	30%			2037	* *	5	$200	
Locally Mounted	70%			2030	$127,000	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$800	
Generic	50%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$32,000	
Generators								
Diesel	100%			2035	* *	1	$40,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outdoor Enclosure								
Explanation : One 210 Kilowatt Capacity								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$3,900	
Fuel Storage								
Main Tank	100%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 314 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	30%			2027	$465,100	10	$28,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout New Wing								
Fluorescent	70%			2037	* *	10	$66,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Older Wing								
Egress Lighting								
Emergency, Service	40%			2027	$25,600	1		
Emergency, Battery	10%			2037	* *	10	$2,500	
Exit, Battery	50%			2037	* *	10	$3,500	
Exterior Lighting								
HID	2%			2037	* *	10		
HID	8%			2027	$38,800	10		
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	50%							
Generic	30%			2040	* *	1	$11,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	20%			2032	$39,000	1	$7,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2032	$107,300	1-3	$25,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2052	* *	1		
Interruptible Gas/Dual Fuel	70%			2052	* *	1		
Conversion Equipment								
Furnace	30%	Now	$1,900	2037	* *	1	$13,900	
Controller Not Working, Extent : Severe, Area Affected : 30%								
Location : New Wing								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 6 Rooftop Package Units								
Steam Boiler	70%	Now	$31,700	2045	* *	1	$64,900	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : One Of Two Boilers Does Not Work On Oil But Should Be Dual Fuel								
Other Observation, Extent : N/A, Area Affected : 70%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%	Now	$11,700	2042	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	30%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2032	$195,700	1	$6,400	
Broken, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Convector/Radiator	90%			2030	$765,400	1	$30,200	
Abandoned in Place, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2042	* *	2	$1,900	
Other Observation, Extent : N/A, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 6 Rooftop Package Units								
Window/Wall Unit	40%			2027	$157,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$46,400	
No Component	20%							
Exhaust Fans								
Interior	10%			2027	$46,100	2	$300	
Roof	30%			2032	$60,500	2	$1,000	
Roof	40%			2027	$80,700	2	$1,300	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$398,300	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$20,800	4	$3,300	
Backflow Preventer								
Generic	100%			2037	* *	1	$6,400	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2052	* *	1-2	$8,700	
Fire Pump								
No Component	70%							
Generic	30%			2041	* *	1	$5,800	
Chemical System								
No Component	97%							
Generic	3%			2030	$12,200	1-3	$12,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 114 - BX**				
Address	: **1155 CROMWELL AVENUE @ MCCLELLAN ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X114**
Program / Asset #	: **BOE0254.000 / 200**			**Yr Built/Renovated**	: **1941 / 2000**
Area Sq Ft	: **69,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **02-Mar-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2**				
Block	: **2495**	**Lot**	: **100**	**BIN**	: **2003022**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$366,200	$70,100
Interior Architecture	$1,863,300	$1,681,500
Electrical	$509,400	$244,200
Mechanical		$2,246,900
Site Enclosure	$90,400	
Site Pavements	$293,300	
Total	**$3,122,600**	**$4,242,700**
Importance Code A	$366,200	$70,100
Importance Code B	$2,349,400	$4,172,600
Importance Code C	$407,100	
Total	**$3,122,600**	**$4,242,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,600			
Interior Architecture	$167,200		$2,200	$12,000
Electrical	$30,800	$6,400	$8,100	$6,500
Mechanical	$63,600	$6,500	$8,000	$3,100
Site Enclosure	$11,700			
Total	**$341,900**	**$13,000**	**$18,300**	**$21,600**
Importance Code A	$68,600			
Importance Code B	$208,600	$13,000	$16,100	$21,600
Importance Code C	$64,800		$2,200	
Total	**$341,900**	**$13,000**	**$18,300**	**$21,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	0-2	$288,800	LIFE	* *	5	$70,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$34,500	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$30,100	
Slate Panels	10%	0-2	$34,000	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$77,400	2041	* *	5	$16,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$64,600	
Ceramic Tile	5%	0-2	$41,600	2036	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%	2-4	$27,100	2038	* *	5	$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	25%	0-2	$1,019,200	2043	* *	3	$13,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Classrooms 115, 116, 310, 101, 211a, 213b, 314, 307								
Vinyl Tile	40%			2033	$1,630,700	3	$29,500	
Wood	10%			2048	* *	5	$27,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$11,100	
Ceramic Tile	5%			2036	* *	5	$4,500	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Toilet Rooms								
Masonry: Brick	10%			LIFE	* *	10	$2,700	
Marble Panels	5%	2-4	$39,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Entrance, Cafeteria								
Plaster	50%	Now	$216,600	LIFE	* *	5	$13,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Main Office, Cafeteria								
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$100,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Ceilings								
AcousTileConcealSpLn	25%	Now	$59,400	2038	* *	5	$23,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Exposed Struc: Concrete	20%	0-2	$221,100	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Plaster	55%	0-2	$246,900	LIFE	* *	5	$50,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	95%	Now	$90,400	2053	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Various Locations And Corner Of Jerome And Cromwell Avenues								
Not Accessible	5%							
Free Standing Walls								
Cast in Place Concrete	6%	Now	$3,100	2053	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Cap Stone On Brick Free Standing Wall - Jerome Avenue								
Masonry: Brick	94%	Now	$8,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$293,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Masonry: Granite	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2033	$36,200	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 400 Amperes Each.								
Fused Disc Sw	20%			2033	$9,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 100 Ampere Emergency Lighting Disconnect Switches								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$195,100	2063	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment And On Extended Life								
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Fused Knife Sw	5%	0-2	$9,000	2058	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : Obsolete Equipment And On Extended Life								
Fused Toggle Switch	75%	0-2	$134,700	2058	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : On Extended Life								
Molded Case Bkrs	10%			2041	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	0-2	$179,600	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	$11,900	5		
Locally Mounted	90%			2046	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,000	
Corroded, Extent : Light, Area Affected : 100%								
Location : Water Main								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$60,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Battery	20%			2038	* *	10	$3,300	
Emergency, Battery	30%			2028	$34,700	10	$5,000	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$25,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors And Panic Doors								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$42,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Distribution								
Steam Piping/Pump	80%	Now	$22,100	2033	$442,000			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump In The Boiler Room Floor								
Under Construction	20%							
Terminal Devices								
Air Handler	20%			2028	$259,700	1	$8,500	
Convector/Radiator	80%			2031	$451,400	1	$17,800	
Controls								
Under Construction	100%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	2%	Now	$16,400	2033	$32,800			
Broken, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Split Unit	3%			2028	$49,200			
Window/Wall Unit	75%			2028	$196,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,900	
Exhaust Fans								
Interior	100%			2033	$306,000	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$176,200	1		
Water Heater With Tanks								
Under Construction	100%							
HW Heat Exchanger								
Steam Fired	100%			2033	$333,600	4	$10,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$28,600	1-2	$600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 114 - Q**		
Address	: **134-01 CRONSTON AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q114**
Program / Asset #	: **BOE0763.000 / 190**	**Yr Built/Renovated**	: **1926 / 2010**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **16257** **Lot** : **1**	**BIN**	: **4305615**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$528,700	$75,400
Interior Architecture	$7,247,000	$142,500
Electrical	$191,200	$471,500
Mechanical	$343,800	$680,700
Site Pavements		$145,900
Total	**$8,310,700**	**$1,516,000**
Importance Code A	$528,700	$75,400
Importance Code B	$7,782,000	$1,440,600
Total	**$8,310,700**	**$1,516,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,600			
Interior Architecture	$153,800			$11,100
Electrical	$7,100	$6,800	$27,500	$6,700
Mechanical	$69,000	$9,500	$12,300	$10,200
Site Enclosure	$5,400			
Site Pavements	$41,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$284,900**	**$20,300**	**$43,800**	**$32,000**
Importance Code A	$24,700	$6,600	$6,800	$6,600
Importance Code B	$119,100	$13,600	$37,000	$25,300
Importance Code C	$141,100			
Total	**$284,900**	**$20,300**	**$43,800**	**$32,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$34,300	
Masonry: Brick	86%			LIFE	* *	5	$75,400	
Masonry: Granite	5%			LIFE	* *	5	$3,300	
Masonry: Limestone	2%			LIFE	* *	5	$1,300	
Masonry: Marble	2%			LIFE	* *	5	$1,300	
Windows								
Aluminum	100%	Now	$464,200	2039	* *	5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 25%								
Location : 1st Floor Windows								
Explanation : Metal Security Screens								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,300	
Metal Security Bars	2%			2046	* *			
Pre-Cast Concrete	8%			LIFE	* *	5	$8,000	
Roof								
Built-Up (BUR)	93%			2036	* *	10	$64,500	
Copper/Terne	5%	4+	$4,600	2046	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkhead								
Skylight, Metal/Glass	2%			2051	* *	10	$4,600	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	27%	4+	$67,800	LIFE	* *	5	$87,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Mosaic Tile	8%	2-4	$110,800	2044	* *	5	$14,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Bathroom And Kitchen								
Terrazzo	3%	2-4	$20,700	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Vinyl Tile	35%	Now	$71,300	2036	* *	3	$19,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Classrooms								
Vinyl Tile 9" X 9"	25%	Now	$130,200	2026	$6,511,600	3	$13,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Corridors, Stairwell And Cafeteria								
Wood	2%	4+	$3,500	2059	* *	5	$2,800	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Auditorium Stage								

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DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	7%	Now	$6,900	2034	* *	5	$3,100	
Adhesion Failure, Extent : Light, Area Affected : 2%								
Location : Bathroom, Kitchen								
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : Bathroom, Kitchen								
Concrete Masonry Unit	7%	4+	$11,700	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glazed Ceramic Panel	5%	0-2	$17,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 1st Floor								
Metal: Cage/Fence	2%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell								
Explanation : Metal Frame With Wire Glass Stair Separation								
Marble Panels	2%	0-2	$31,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Plaster	52%	4+	$22,500	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$40,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwell								
Ceilings								
Exposed Struc: Concrete	35%	2-4	$154,800	LIFE	* *	5	$8,100	
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Metal Panel	5%	4+	$146,600	LIFE	* *	5	$9,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium And Cafeteria								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium And Cafeteria								
Plaster	60%	Now	$53,900	LIFE	* *	5	$55,300	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : 2nd Floor Corridor								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2041	* *			
Iron Picket	30%	4+	$5,400	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Masonry: Brick	100%			2041	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	85%			2036	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	10%			2040	* *			
Parking/Driveway								
Asphalt	100%	2-4	$6,100	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear Parking								
Activity Yard								
Asphalt	85%	2-4	$35,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Playground And Rear Play Yard								
Rubber Matting	15%			2031	$145,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	75%			2031	$146,300	5	$200	
Fused Disc Sw	25%			2051	* *	5	$100	
Raceway								
Conduit	70%			2031	$101,200	1		
Conduit	25%			2041	* *	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	30%			2039	* *	5	$500	
Molded Case Bkrs	50%			2030	$89,800	5	$900	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$119,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2041	* *	1		
Thermoplastic	10%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	60%			2029	$71,700	5	$300	
Locally Mounted	10%			2048	* *	5		
Variable Frequency Drive	30%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$20,600	
Generators								
Natural Gas	100%			2044	* *	1	$26,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Ratings								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$14,900	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$59,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lights								
HID	1%			2036	* *	10		
LED	1%			2039	* *			
Egress Lighting								
Emergency, Battery	40%			2036	* *	10	$6,500	
Emergency, Battery	10%			2026	$11,200	10	$1,600	
Exit, Service	40%			2036	* *	1		
Exit, Service	10%			2026	$2,900	1		
Exterior Lighting								
HID	20%			2031	$62,500	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$25,200	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$12,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Cafeteria, Gymnasium, Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Conversion Equipment								
Steam Boiler	60%	Now	$17,500	2048	* *	1	$35,800	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Tubes Of No.2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	40%			2048	* *	1	$26,500	
Distribution								
Steam Piping/Pump	100%	0-2	$10,700	2041	* *			
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Building Management System								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Live Steam Returns That Causing Leaking At Vacuum Pumps, Although All Traps Have Been Replaced.								
Terminal Devices								
Air Handler	10%			2031	$126,100	1	$4,100	
Air Handler	10%			2039	* *	1	$4,100	
Convector/Radiator	70%			2029	$383,500	1	$15,200	
Fan Coil Unit/Heat	10%			2026	$166,100	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$35,500	2026	$177,700	1		
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
No Component	30%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$22,400	
No Component	40%							
Exhaust Fans								
Interior	50%			2039	* *	2	$1,000	
Roof	10%			2031	$13,000	2	$200	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$171,100	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$1,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2041	* *	1-2	$600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 115 - BK**		
Address	: **1500 EAST 92ND ST BTWN: AVE. L AND AVE. M**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K115**
Program / Asset #	: **BOE0425.000 / 13**	**Yr Built/Renovated**	: **1922 / 2011**
Area Sq Ft	: **133,857**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8256** **Lot** : **1**	**BIN**	: **3232559**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$908,400	$227,200
Interior Architecture	$2,112,400	$61,300
Electrical	$185,400	$1,453,800
Mechanical	$1,697,400	$3,105,800
Site Pavements	$335,500	$63,000
Total	**$5,239,100**	**$4,911,200**
Importance Code A	$908,400	$1,393,900
Importance Code B	$4,045,200	$3,517,200
Importance Code C	$285,600	
Total	**$5,239,100**	**$4,911,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$93,500		$10,200	
Interior Architecture	$45,000	$7,600	$48,200	$12,500
Electrical	$61,300	$24,400	$40,100	$21,900
Mechanical	$87,100	$43,300	$83,900	$41,100
Site Pavements	$3,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$298,100**	**$83,100**	**$190,300**	**$83,400**
Importance Code A	$106,800	$13,300	$23,800	$13,300
Importance Code B	$188,100	$65,300	$166,500	$70,200
Importance Code C	$3,200	$4,600		
Total	**$298,100**	**$83,100**	**$190,300**	**$83,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	2%	Now	$43,000	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Bulkhead Walls On Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Bulkhead Walls On Roof								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$71,000	
Masonry: Brick	86%			LIFE	* *	5	$156,200	
Masonry: Granite	2%			LIFE	* *	5	$2,700	
Metal Panel	3%			2051	* *	5-10	$37,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$11,800	
Windows								
Aluminum	90%	Now	$496,400	2047	* *	5	$26,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	10%			LIFE	* *	5	$3,600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$9,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$2,600	
Masonry: Brick	75%			LIFE	* *	5	$17,400	
Metal Rail	5%			2044	* *	5-10	$20,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,300	
Roof								
Built-Up (BUR)	25%	Now	$346,700	2041	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Roof Penetrations At Pitch Cups								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Panel	10%			2044	* *	10	$21,800	
Modified Bitumen	55%			2036	* *	10	$65,300	
Panel/Paver: Cer/Brk	5%	Now	$16,000	2041	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Inner Courtyard								
Skylight, Metal/Glass	5%			2041	* *	10	$19,800	
Soffits								
Metal Panel	100%			2051	* *	5-10		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,800	
Ceramic Tile	3%			2040	* *	5	$6,000	
Marble Panels	2%			LIFE	* *	5	$3,000	
Quarry Tile	2%			2044	* *	5	$6,000	
Terrazzo	3%	4+	$11,200	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%			2036	* *	3	$50,100	
Vinyl Tile 9" X 9"	5%			2026	$1,768,000	3	$3,800	
Wood	25%			2046	* *	5	$93,900	
Interior Walls								
Cast in Place Concrete	10%	0-2	$230,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2040	* *	5	$9,100	
Concrete Masonry Unit	20%			LIFE	* *	5	$24,300	
Gypsum Board	10%			LIFE	* *	5	$18,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	37%	Now	$54,700	LIFE	* *	5	$33,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkheads								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	28%	Now	$18,300	2044	* *	5	$27,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Exposed Struc: Concrete	10%	Now	$58,800	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stairwell To Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Stairwell To Basement								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$12,300	
Metal Panel	2%			LIFE	* *	5	$4,900	
Plaster	50%			LIFE	* *	5	$61,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	85%			2036	* *			
Pavers/Stone	15%	0-2	$3,200	2034	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Entry Stairs								
Parking/Driveway								
Asphalt	100%			2034	* *			
Activity Yard								
Asphalt	30%			2034	* *			
Cast in Place Concrete	40%			2036	* *			
Pavers/Stone	15%			2027	$335,500			
Rubber Matting	15%			2031	$63,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2041	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : 600 Ampere Disconnect For Existing Distribution								
Fused Disc Sw	65%			2041	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : Service Size 2,000 Amperes								
Transformers								
Dry Type	100%			2036	* *	5	$500	
Switchgear / Switchboard								
Fused Disc Sw	98%			2041	* *	5	$600	
Fused Disc Sw	2%			2031	$5,900	5		
Raceway								
Conduit	50%			2031	$144,400	1		
Conduit	50%			2051	* *	1		
Panelboards								
Fused Disc Sw	30%			2039	* *	5	$900	
Fused Knife Sw	2%			2030	$6,000	5	$100	
Fused Toggle Switch	3%			2030	$9,000	5	$100	
Molded Case Bkrs	60%			2039	* *	5	$2,100	
Molded Case Bkrs	5%			2030	$15,000	5	$200	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$900	

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$41,200	
Generators								
Diesel	100%			2034	* *	1	$51,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Enclosure								
Explanation : 200 Kilowatts Capacity								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$5,000	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Oil Tank Room								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%	Now	$31,900	2036	* *			
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Twenty Ballasts Defective								
Fluorescent	5%			2036	* *	10	$6,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : First And Second Floor Corridors								
Fluorescent	5%			2036	* *	10	$6,100	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Old Cafeteria And Gymnasium								
HID	5%			2036	* *	10	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Type Sodium								
Incandescent	5%			2026	$185,400	2	$200	
Egress Lighting								
Emergency, Service	20%			2031	$16,500	1		
Emergency, Battery	30%			2031	$67,400	10	$9,700	
Exit, Battery	50%			2036	* *	10	$4,500	
Exterior Lighting								
HID	100%			2031	$624,600	10	$400	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2031	$251,300	1	$50,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	4%	Now	$1,400	2031	$13,800	1-3	$3,000	
Devices Damaged, Extent : Light, Area Affected : 100%								
Location : Third Floor Staircase A Near Hatch								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor Staircase A Near Hatch								
Explanation : One Smoke Detector Not Operational								
Generic, Digital	96%			2031	$331,500	1-3	$79,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7,500 Gallons								
Conversion Equipment								
Steam Boiler	100%			2029	$1,166,700	1	$132,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$21,400	2041	* *			
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Condensate Return Pump In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Air Handler	40%			2036	* *	1	$33,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of New Wing								
Explanation : See Air Conditioning								
Air Handler	30%	Now	$75,600	2026	$755,700	1	$22,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Of Old Wing								
Explanation : Gymnasium And Playroom, Supply Blowers Not In Service								
Convector/Radiator	20%			2029	$218,900	1	$8,700	
Fan Coil Unit/Heat	10%			2026	$331,900	1	$4,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2036	* *	1	$24,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof Of New Wing								
Ext Pkg Unit - Heating/Cooling	5%			2031	$112,400	2	$400	
No Component	55%							
Distribution								
CW & CHW Wtr Pipe/Pump	4%	Now	$3,900	2041	* *	4	$300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Make Up Water Pump Showing Signs Of Rusting And Leaking. Not In Service.								
CW & CHW Wtr Pipe/Pump	66%			2041	* *	4	$6,500	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2036	* *	1	$33,100	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2031	$69,800	2	$37,300	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,600	
Exhaust Fans								
Interior	90%	Now	$26,700	2026	$534,300	2	$3,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Of Old Wing								
Explanation : Gymnasium Exhaust Not In Service								
Roof	10%			2026	$26,000	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2041	* *	1		
Galvanized Steel	90%			2029	$1,538,000	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 200 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$4,100	4	$4,200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2036	* *	1	$8,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	35%							
Generic	65%			2041	* *	1-5	$43,900	
Sprinkler								
No Component	35%							
Generic	65%			2041	* *	1-2	$24,400	
Fire Pump								
No Component	35%							
Generic	65%			2034	* *	1	$16,300	
Chemical System								
No Component	98%							
Generic	2%			2026	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 115 - M**
Address : **586 WEST 177 STREET BTWN: AUDUBON AVE., ST NICHOLAS**
Borough : **MANHATTAN** | **Agency's Number** : **M115**
Program / Asset # : **BOE0066.000 / 1694** | **Yr Built/Renovated** : **1914 / 2014**
Area Sq Ft : **104,000** | **Project Type** : **EDUCATION**
Date of Survey : **31-Jan-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2133** **Lot** : **40** | **BIN** : **1063228**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$181,500	$202,300
Interior Architecture	$6,343,700	$1,004,900
Electrical	$278,700	$1,194,100
Mechanical	$136,800	$17,098,300
Site Pavements		$2,448,200
Total	**$6,940,600**	**$21,947,800**
Importance Code A	$181,500	$248,500
Importance Code B	$4,395,100	$19,251,100
Importance Code C	$2,364,000	$2,448,200
Total	**$6,940,600**	**$21,947,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$62,100	$15,300		
Interior Architecture	$42,400	$500	$8,300	$11,300
Electrical	$30,400	$25,500	$11,700	$9,700
Mechanical	$65,500	$48,400	$23,000	$14,300
Site Enclosure	$6,900			
Site Pavements	$49,000			
Total	**$256,400**	**$89,800**	**$43,000**	**$35,400**
Importance Code A	$80,300	$25,800	$10,300	$10,300
Importance Code B	$120,200	$64,000	$32,700	$25,100
Importance Code C	$55,900			
Total	**$256,400**	**$89,800**	**$43,000**	**$35,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Masonry: Brick	85%			LIFE	* *	5	$138,600	
Masonry: Limestone	5%	0-2	$128,400	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2040	* *	5-10	$56,000	
Windows								
Aluminum	100%	Now	$47,500	2038	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$53,100	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Inside Face Of Parapet								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Inside Face Of Parapet								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Inside Face Of Parapet								
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Roof								
Metal Panel	5%			2043	* *	10	$6,500	
Modified Bitumen	95%	Now	$14,600	2038	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 506, 510								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,000	
Ceramic Tile	5%	Now	$28,400	2033	$568,100	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	3%	Now	$177,900	2050	* *	5	$4,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	2%	0-2	$7,500	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	45%	0-2	$50,100	2025	$2,505,000	3	$34,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	33%			2038	* *	3	$24,900	
Vinyl Tile 9" X 9"	2%			2025	$711,300	3	$1,500	
Wood	5%	4+	$60,100	2045	* *	5	$9,400	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout Auditorium								
Interior Walls								
Ceramic Tile	15%	0-2	$189,200	2026	$1,892,200	5	$17,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	Now	$87,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement								
Marble Panels	5%			LIFE	* *			
Plaster	70%	0-2	$195,300	LIFE	* *	5	$48,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%	0-2	$6,500	2028	$323,700	5	$5,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Metal Panel	5%	Now	$199,900	LIFE	* *	5	$12,600	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout Basement								
Plaster	90%	0-2	$275,300	LIFE	* *	5	$113,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 506, 510								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Fieldstone	100%	Now	$6,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Facade								
Explanation : Cast Stone At Stairs								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	25%			2035	* *			
Pavers/Stone	75%	0-2	$49,000	2033	$2,448,200			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2030	$46,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$400	
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	1%			2046	* *	5		
Fused Knife Sw	1%			2029	$2,400	5		
Fused Toggle Switch	1%			2029	$2,400	5		
Molded Case Bkrs	95%			2029	$227,500	5	$2,600	
Molded Case Bkrs	2%			2046	* *	5	$100	
Wiring								
Braided Cloth	20%			2029	$68,400	1		
Thermoplastic	80%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$700	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$93,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps. Recent Installation								
LED	2%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Public Assembly Spaces								
Emergency, Battery	50%			2035	* *	10	$12,600	
Exit, Battery	40%			2035	* *	10	$2,800	
Exterior Lighting								
HID	4%	Now	$19,400	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Back Yard Playground								
Explanation : Fixtures Not Operational								
HID	46%			2040	* *	10	$100	
Incandescent	50%			2025	$278,700	2	$100	
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Front And Rear Of Building								
Alarm								
Security System								
Generic	50%			2035	* *	1	$19,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Generic	50%			2030	$97,600	1	$19,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$64,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 7,500 Gallon Tank For No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%	Now	$18,100	2043	* *	1	$92,700	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Stream Traps Faulty, Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$58,500	2040	* *	4	$5,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Terminal Devices								
Air Handler	20%	Now	$78,300	2030	$391,400	1	$11,600	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Basement								
Convector/Radiator	80%			2035	* *	1	$26,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$315,200	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
No Component	20%							
Dehumidifier								
Generic	100%			2028	$16,189,900			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,000	
Exhaust Fans								
Roof	100%	Now	$40,400	2030	$201,800	2	$2,500	
Broken, Extent : Severe, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2025	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units - One 98 Gallons And One 65 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$3,200	4	$3,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2040	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 115 - Q**		
Address	: **80-51 261 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q115**
Program / Asset #	: **BOE0764.000 / 1567**	**Yr Built/Renovated**	: **1950 / 2006**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8717** **Lot** : **1**	**BIN**	: **4178127**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$253,700	$927,300
Interior Architecture	$7,538,400	
Electrical	$69,900	$380,600
Mechanical		$680,500
Site Pavements	$505,300	
Total	**$8,367,300**	**$1,988,500**
Importance Code A	$253,700	$927,300
Importance Code B	$8,055,700	$1,061,100
Importance Code C	$57,900	
Total	**$8,367,300**	**$1,988,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,000			
Interior Architecture	$44,000		$8,500	$5,300
Electrical	$44,400	$6,800	$8,100	$6,700
Mechanical	$32,900	$11,000	$15,300	$13,700
Total	**$186,300**	**$17,700**	**$31,900**	**$25,700**
Importance Code A	$72,000	$7,000	$7,000	$7,000
Importance Code B	$99,100	$10,700	$22,900	$18,600
Importance Code C	$15,100		$2,000	
Total	**$186,300**	**$17,700**	**$31,900**	**$25,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	25%	Now	$192,000	LIFE	* *	5	$22,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Northwest Corner								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Northwest Corner								
Masonry: Brick Cavity	70%			LIFE	* *	5	$123,400	
Masonry: Limestone	5%			LIFE	* *	5	$6,600	
Windows								
Aluminum	100%			2049	* *	5	$15,400	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$56,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Pre-Cast Concrete	10%			LIFE	* *	5	$11,500	
Roof								
Built-Up (BUR)	85%			2033	$777,000	10	$66,600	
Copper/Terne	3%			2061	* *	10	$5,900	
Copper/Terne	2%			2048	* *	10	$3,900	
Modified Bitumen	10%			2041	* *	10	$7,800	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Installed At Perimeter Edge Of Built Up Roof								
Explanation : Partial Replacement								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,800	
Ceramic Tile	3%			2036	* *	5	$2,500	
Terrazzo	2%			LIFE	* *	5	$2,600	
Vinyl Tile	25%			2038	* *	3	$7,900	
Vinyl Tile 9" X 9"	50%	Now	$7,425,300	2043	* *	3	$15,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Classrooms, Staircases								
Wood	10%			2048	* *	5	$15,800	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$4,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,200	
Glazed Ceramic Panel	5%			LIFE	* *	10	$3,600	
Plaster	60%	4+	$57,900	LIFE	* *	5	$14,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairwells								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$9,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$16,800	
AcousTileConcealSpLn	5%			2046	* *	5	$5,300	
AcousTileSusp.Lay-In	5%			2038	* *	5	$4,200	
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$63,100	
Plaster	10%			LIFE	* *	5-10	$14,500	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2053	* *			
Iron Picket	95%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	95%	Now	$505,300	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Play Yard								
Ponding, Extent : Severe, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2053	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,200 Amperes								
Fused Disc Sw	20%			2059	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Solar Panel								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 150 Kilovolts Amperes At 277/480 Volts Primary Voltage 208/120 Volts Secondary Voltage								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	70%			2033	$101,200	1		
Conduit	25%			2053	* *	1		
Conduit	5%			2059	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	5%			2032	$9,000	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$1,700	
Wiring								
Braided Cloth	35%	2-4	$69,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2053	* *	1		
Thermoplastic	5%			2059	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$83,600	5	$300	
Locally Mounted	30%	2-4	$35,800	2053	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$62,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$7,600	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$133,300	1	$26,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$43,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights, Horns, Fire Alarm Panel And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$70,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	100%			2059	* *			
Terminal Devices								
Air Handler	20%			2033	$267,200	1	$8,800	
Convector/Radiator	80%			2038	* *	1	$18,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$161,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,700	
Exhaust Fans								
Interior	80%			2033	$251,900	2	$1,700	
Roof	20%			2033	$27,600	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$7,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$14,200	4	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 116 - BK**		
Address	: **515 KNICKERBOCKER AVENUE @GROVE ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K116**
Program / Asset #	: **BOE0426.000 / 1385**	**Yr Built/Renovated**	: **1897 / 2001**
Area Sq Ft	: **50,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Att**		
Block	: **3317** **Lot** : **1**	**BIN**	: **3075909**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$79,300
Interior Architecture	$78,500	$991,200
Electrical	$116,100	$514,800
Mechanical		$1,875,100
Total	**$194,500**	**$3,460,500**
Importance Code A		$515,200
Importance Code B	$116,100	$2,945,400
Importance Code C	$78,500	
Total	**$194,500**	**$3,460,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,300	$33,100		
Interior Architecture	$24,400		$4,500	$29,200
Electrical	$42,600	$3,200	$3,700	$105,700
Mechanical	$28,200	$6,700	$6,800	$71,600
Site Enclosure	$2,300			
Site Pavements				
Total	**$130,800**	**$43,000**	**$15,000**	**$206,400**
Importance Code A	$38,200	$38,100	$5,000	$5,100
Importance Code B	$86,800	$5,000	$10,000	$201,400
Importance Code C	$5,700			
Total	**$130,800**	**$43,000**	**$15,000**	**$206,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$79,300	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Exterior Brick								
Masonry: Brownstone	5%			LIFE	* *	5	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Window Sills								
Explanation : Painted Surfaces								
Windows								
Wood	22%	Now	$15,000	2040	* *	5	$9,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	78%			2040	* *	5	$66,200	
Parapets								
Metal Cornice	100%			2060	* *	10	$4,100	
Roof								
Metal Panel	100%	0-2	$18,300	2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Roof Leader Joints Are Broken								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$16,000	
Mosaic Tile	3%			2037	* *	5	$5,500	
Quarry Tile	1%			2037	* *	5	$1,100	
Traffic Topping	2%	Now	$21,000	2042	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Vinyl Tile	49%			2032	$991,200	3	$13,500	
Wood	35%			2047	* *	5	$48,100	
Interior Walls								
Ceramic Tile	3%	Now	$3,400	2035	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Base Of Wall Bathrooms								
Concrete Masonry Unit	7%			LIFE	* *	5	$2,900	
Masonry: Brick	20%	Now	$78,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Water Main Room								
Plaster	70%			LIFE	* *	5	$21,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2037	* *	5	$3,700	
Exposed Struc: Concrete	15%			LIFE	* *	5	$1,700	
Exposed Struc: Wood	10%			LIFE	* *			
Metal Panel	1%			LIFE	* *	5	$900	
Plaster	69%			LIFE	* *	5	$31,600	
Site Enclosure								
Fence/Gates								
Chain Link	70%	Now	$2,300	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Concrete Base								
Iron Picket	30%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Cast in Place Concrete	90%			2037	* *			
Rubber Matting	10%			2032	$20,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$162,600	5	$200	
Raceway								
Conduit	100%			2032	$81,000	1		
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	90%			2031	$125,700	5	$1,200	
Wiring								
Braided Cloth	30%	2-4	$31,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2032	$73,900	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$700	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$44,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	25%			2027	$21,000	10	$3,000	
Emergency, Battery	25%			2040	* *	10	$3,000	
Exit, Service	25%			2027	$5,400	1		
Exit, Service	25%			2040	* *	1		
Exterior Lighting								
LED	5%			2040	* *			
No Component	95%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$28,200	1	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Offices								
Explanation : Intrusion Alarm System. Motion Sensors								
Fire/Smoke Detection								
No Component	10%							
Generic, Analog	90%	2-4	$116,100	2042	* *	1-3	$25,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways. Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$15,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5000 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	$435,800	1	$49,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$8,000	2032	$400,400			
Malfunctioning, Extent : Moderate, Area Affected : 75%								
Location : Thermostats, Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lack Of Thermostat To Control Zone Temperature								
Terminal Devices								
Convector/Radiator	100%			2030	$408,900	1	$16,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2027	$37,900	1		
No Component	80%							
Ventilation								
Exhaust Fans								
Wall Unit	10%			2027	$2,200	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%	0-2	$6,400	2030	$319,200	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve, Basement								
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve Room In Basement								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : Only One Water Line Entering The Building								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2032	$241,800	4	$7,400	
Sanitary Piping								
Cast Iron	20%	0-2	$2,500	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Water Backs Up In Basement When It Rains. Building Location In Low Ground Elevation Area May Contribute To The Problem.								
Cast Iron	80%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$1,500	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2032	$69,100	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 116 - M**		
Address	: **210 EAST 33 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M116**
Program / Asset #	: **BOE0067.000 / 2634**	**Yr Built/Renovated**	: **1926 / 2001**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **913** **Lot** : **7**	**BIN**	: **1020080**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$173,700	$93,700
Interior Architecture	$12,327,100	
Electrical	$129,700	$877,800
Mechanical	$137,200	$1,363,100
Total	**$12,767,700**	**$2,334,600**
Importance Code A	$173,700	$93,700
Importance Code B	$12,413,100	$2,240,900
Importance Code C	$181,000	
Total	**$12,767,700**	**$2,334,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$162,600			
Interior Architecture	$188,500		$16,900	$15,300
Electrical	$25,500	$5,900	$7,200	$6,500
Mechanical	$93,700	$12,600	$14,900	$11,900
Site Enclosure	$12,400			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$487,600**	**$23,400**	**$43,800**	**$38,700**
Importance Code A	$168,700	$6,100	$6,100	$6,100
Importance Code B	$243,800	$17,200	$37,700	$26,300
Importance Code C	$75,000			$6,200
Total	**$487,600**	**$23,400**	**$43,800**	**$38,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$10,400	LIFE	* *	5	$17,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$54,200	
Masonry: Brick	70%	Now	$79,900	LIFE	* *	5	$48,500	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Through Window Louver In Basement Boiler Area And Electrical Room								
Masonry: Granite	3%			LIFE	* *	5	$3,100	
Masonry: Limestone	5%			LIFE	* *	5	$5,200	
Stucco Cement	12%	Now	$47,100	2046	* *	5	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Side Facades								
Windows								
Aluminum	40%	Now	$29,800	2049	* *	5	$6,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 5%								
Location : Classrooms								
Wood	60%			2049	* *	5	$187,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$17,100	
Masonry: Brick	90%			LIFE	* *	5-10	$37,100	
Roof								
Built-Up (BUR)	100%			2038	* *	10	$39,300	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$41,400	LIFE	* *	5	$21,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$5,500	2042	* *	5	$2,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : 1st Floor Boys Toilet Room								
Vinyl Tile	5%	Now	$40,300	2038	* *	3	$1,800	
Adhesion Failure, Extent : Severe, Area Affected : 20%								
Location : Throughout Classrooms, Cafeteria								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : Classrooms, Cafeteria								
Vinyl Tile 9" X 9"	70%	Now	$12,014,200	2043	* *	3	$25,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Classrooms On The 2nd, 3rd And 5th Floors								
Wood	10%			2068	* *	5	$18,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$31,000	
Ceramic Tile	5%			2042	* *	5	$12,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$19,800	
Folding Partition	5%			2049	* *	5	$31,000	
Plaster	60%	Now	$181,000	LIFE	* *	5	$44,600	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Stairwells								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$18,600	
Ceilings								
AcousTileConcealSpLn	20%			2046	* *	5	$24,100	
AcousTileSusp.Lay-In	10%			2046	* *	5	$9,600	
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$30,100	
Plaster	45%	4+	$131,900	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Iron Picket	60%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$12,400	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Various								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	90%			2042	* *			
Rubber Matting	10%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$100	
Fused Knife Sw	1%	2-4	$1,800	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	79%			2032	$141,900	5	$1,300	
Molded Case Bkrs	10%			2055	* *	5	$200	
Wiring								
Braided Cloth	65%	2-4	$129,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2059	* *	1		
Thermoplastic	30%			2033	$59,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$55,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$52,000	10	$7,500	
Exit, Service	50%			2028	$13,400	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$116,400	1	$23,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$38,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns And Fire Alarm Panel								

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$61,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%	0-2	$24,800	2033	$496,500			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Hot Water Return Piping								
Terminal Devices								
Air Handler	15%			2041	* *	1	$5,800	
Convector/Radiator	55%	0-2	$13,900	2031	$278,800	1	$9,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Radiator In 168								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building, Steam Radiators Are Beyond Useful Life Cycle								
Convector/Radiator	30%			2050	* *	1	$6,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%	0-2	$137,200	2043	* *	1	$3,900	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Unit For Gymnasium And Cafeteria								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Roof								
Explanation : R-410a								
Split Unit	10%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Roof								
Explanation : 3 Units. R-410a								
Window/Wall Unit	65%	0-2	$15,300	2028	$152,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2041	* *	1	$5,800	
Fan Coil - 2 Pipe	10%			2041	* *	1	$2,000	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2041	* *	2	$10,800	
No Component	75%							

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,700	
Exhaust Fans								
Interior	50%			2028	$137,500	2	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Penthouse. Exhaust Fans Are Beyond Useful Life Cycle								
Roof	50%			2028	$60,200	2	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Roof. Rooftop Exhaust Fans Are Beyond Their Useful Life Cycles								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$237,500	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$10,900	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Drain Piping Cracked. Drain Piping From Boys Bathroom In 1st Floor								
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement. Beyond Its Useful Life Cycle Rating								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$42,900	1-2	$900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 116 - Q**		
Address	: **107-25 WREN PLACE BTWN: 175 ST., POLHEMAS AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q116**
Program / Asset #	: **BOE0765.000 / 1568**	**Yr Built/Renovated**	: **1925 / 2006**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **10250** **Lot** : **1**	**BIN**	: **4218416**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,359,700	$121,300
Interior Architecture	$125,800	$2,528,100
Electrical	$165,600	$748,400
Mechanical	$828,100	$1,321,400
Total	**$2,479,200**	**$4,719,300**
Importance Code A	$1,359,700	$121,300
Importance Code B	$1,050,000	$4,074,000
Importance Code C	$69,500	$524,000
Total	**$2,479,200**	**$4,719,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$59,200	$30,500		$15,500
Electrical	$3,200	$9,500	$2,600	$2,200
Mechanical	$43,900	$39,900	$17,600	$10,700
Site Enclosure	$12,900			
Site Pavements	$44,600			
Total	**$163,800**	**$79,800**	**$20,100**	**$28,300**
Importance Code A	$13,600	$7,800	$7,600	$7,600
Importance Code B	$126,500	$72,000	$12,500	$20,700
Importance Code C	$23,600			
Total	**$163,800**	**$79,800**	**$20,100**	**$28,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$31,600	
Masonry: Brick	50%	Now	$554,900	LIFE	* *	5	$67,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : North Facade								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Fourth And Fifth Floors On North Side, Foundation, Stair G, Rooms 514, 510, 411								
Masonry: Brick	40%			LIFE	* *	5	$53,900	
Masonry: Limestone	5%			LIFE	* *	5	$5,100	
Masonry: Marble	2%			LIFE	* *	5	$2,000	
Windows								
Aluminum	100%	4+	$729,100	2046	* *	5	$19,100	
Air Infiltration, Extent : Moderate, Area Affected : 60%								
Location : Classrooms And Offices								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$14,400	
Masonry: Brick Cavity	85%			LIFE	* *	5	$15,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,900	
Roof								
Modified Bitumen	97%			2035	* *	10	$75,700	
Skylight, Metal/Glass	3%			2050	* *	10	$7,800	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,700	
Ceramic Tile	5%			2033	$331,100	5	$5,900	
Mosaic Tile	2%			2035	* *	5	$5,900	
Quarry Tile	5%			2043	* *	5	$8,800	
Terrazzo	3%			LIFE	* *	5	$2,800	
Vinyl Tile	50%	4+	$32,400	2030	$1,622,100	3	$22,000	
Uneven Surface, Extent : Moderate, Area Affected : 2%								
Location : Room 307								
Wood	25%			2045	* *	5	$55,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	4+	$10,500	2033	$524,000	5	$4,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 5th Floor And 4th Floor Girls Toilet Rooms								
Gypsum Board	10%			LIFE	* *	5	$11,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$31,400	
Plaster	15%	Now	$69,500	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Music Room, Fourth And Fifth Floor Rooms Facing North Side, Near Windows In Room 411								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Music Room, Fourth And Fifth Floor Rooms Facing North Side								
Ceilings								
AcousTileSusp.Lay-In	15%			2047	* *	5	$16,300	
Recent Installation, Extent : N/A, Area Affected : 5%								
Location : Classroom								
Exposed Struc: Concrete	5%	Now	$16,300	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Below Boiler Room Restroom								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Below Boiler Room Restroom								
Exposed Struc: Concrete	5%			LIFE	* *	5	$900	
Plaster	55%			LIFE	* *	5	$37,400	
Plaster	3%			LIFE	* *	5	$2,000	
Plaster	17%	Now	$56,300	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Music Room, Fourth And Fifth Floor Rooms Facing North Side								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Music Room, Fourth And Fifth Floor Rooms Facing North Side								
Site Enclosure								
Fence/Gates								
Chain Link	90%	4+	$12,900	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Wren Place, Gate At Dumpster Area								
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Iron Picket	10%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	98%			2043	* *			
Masonry: Granite	2%	2-4	$300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Front Steps								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Steps								
Explanation : Actually Marble Steps								
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	80%	Now	$44,300	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Raceway								
Conduit	100%			2030	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	90%			2029	$161,700	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$139,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2030	$59,900	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$66,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	30%			2038	* *	10	$5,600	
Emergency, Battery	20%			2025	$25,900	10	$3,700	
Exit, Service	40%			2038	* *	1		
Exit, Service	10%			2025	$3,300	1		
Exterior Lighting								
HID	30%			2038	* *	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : CCTV Camera, Intrusion Alarm And Mtoion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2038	* *	1-3	$14,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	10%	0-2	$6,700	2035	* *	1	$6,900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Bottom Of The No. 2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	90%			2035	* *	1	$68,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	5%	0-2	$600	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats, Various Locations								
Steam Piping/Pump	95%			2030	$585,800			
Terminal Devices								
Air Handler	15%	0-2	$4,300	2025	$217,400	1	$6,400	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	70%			2028	$440,800	1	$17,400	
Fan Coil Unit/Heat	15%	0-2	$5,700	2025	$286,400	1	$3,400	
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : Various Locations In 1st Floor Classroms								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$5,800	2025	$29,200	1		
Not in Service, Extent : Moderate, Area Affected : 75%								
Location : Various Locations								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	57%	0-2	$9,700	2025	$194,700	2	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And 1st Floor								
Explanation : Inefficient Units. And No Exhaust And Ventilation For Kitchen.								
Interior	38%			2025	$129,800	2	$900	
Roof	5%			2035	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2040	* *	1		
Galvanized Steel	30%			2028	$294,900	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2028	$17,100	2		
Abandoned in Place, Extent : Moderate, Area Affected : 1%								
Location : 400 Gallons Condemned Unit Still Remains In Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Under Sized Unit. There Is No Hot Water Heater For The Kitchen.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	0-2	$1,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Underground Waste Tank								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,400	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 75%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2030	$21,300	1-2	$400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 117 - Q**
Address : **85-15 143 STREET 143 ST AND 85 ROAD**
Borough : **QUEENS**
Agency's Number : **Q117**
Program / Asset # : **BOE0766.000 / 1569**
Yr Built/Renovated : **1928 / 2013**
Area Sq Ft : **93,000**
Project Type : **EDUCATION**
Date of Survey : **14-Dec-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **9723** **Lot** : **150** **BIN** : **4208040**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$437,100	
Interior Architecture	$880,700	$1,392,500
Electrical		$831,400
Mechanical	$1,721,900	$3,079,600
Site Pavements		$150,200
Total	**$3,039,700**	**$5,453,700**
Importance Code A	$493,900	$688,400
Importance Code B	$2,545,800	$4,765,200
Total	**$3,039,700**	**$5,453,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$137,700		$31,700	
Interior Architecture	$137,000			$8,900
Electrical	$37,200	$8,700	$9,000	$11,500
Mechanical	$452,400	$44,900	$61,100	$101,900
Site Enclosure	$21,500			
Site Pavements	$63,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$853,600**	**$57,500**	**$105,800**	**$126,300**
Importance Code A	$162,300	$6,700	$38,800	$6,700
Importance Code B	$570,300	$50,800	$66,900	$119,600
Importance Code C	$121,000			
Total	**$853,600**	**$57,500**	**$105,800**	**$126,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$85,600	
Masonry: Brick Cavity	30%			LIFE	* *	5	$46,700	
Masonry: Granite	5%			LIFE	* *	5	$5,800	
Masonry: Limestone	8%			LIFE	* *	5	$9,300	
Masonry: Limestone	2%			LIFE	* *	5	$2,300	
Windows								
Aluminum	100%	0-2	$24,300	2041	* *	5	$12,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout								
Parapets								
Masonry: Brick	40%	0-2	$11,700	LIFE	* *	5	$4,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Over Kitchen								
Masonry: Brick Cavity	25%			LIFE	* *	5-10	$19,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1928 Wing								
Masonry: Limestone	5%			LIFE	* *	5-10	$7,100	
Metal Rail	25%			2046	* *	5-10	$52,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,300	
Roof								
Built-Up (BUR)	60%			2038	* *	10	$32,000	
Single Ply Membrane	40%	Now	$437,100	2043	* *			
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Over 1992 Addition								
Insul Deter/Miss, Extent : Moderate, Area Affected : 15%								
Location : Over 1992 Addition								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Over 1992 Addition								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Over 1992 Addition								
Walk Pads Miss/Displ, Extent : Moderate, Area Affected : 5%								
Location : Over 1992 Addition								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Over 1992 Addition								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,800	
Ceramic Tile	5%			2042	* *	5	$4,200	
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	60%	0-2	$139,300	2033	$1,392,500	3	$18,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Classroom 211								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria And Classrooms Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 2%								
Location : Classroom 211								
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Classroom 211								
Vinyl Tile 9" X 9"	5%	Now	$741,400	2043	* *	3	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Library, Storage Rooms And Stair Landings								
Wood	15%			2048	* *	5	$23,600	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Classrooms In 1928 Side								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$8,200	
Ceramic Tile	15%	Now	$10,800	2042	* *	5	$4,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Drinking Fountain								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,600	
Gypsum Board	20%			LIFE	* *	5-10	$22,300	
Masonry: Brick	5%			LIFE	* *	10	$1,000	
Marble Panels	5%			LIFE	* *	10	$1,300	
Plaster	35%	Now	$27,900	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair A								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$3,300	
Ceilings								
AcousTileSusp.Lay-In	35%	Now	$9,800	2046	* *	5	$14,700	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout 3rd Floor In 1992 Addition								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout 3rd Floor In 1992 Addition								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$10,500	
Plaster	55%	Now	$28,100	LIFE	* *	5	$28,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair A								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%	0-2	$16,200	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Play Area								
Iron Picket	60%	0-2	$5,300	2068	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gate Between Exit 1 And 2								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Along 143 Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$13,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along 143 Street								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$31,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot On South Side								
Activity Yard								
Asphalt	75%	2-4	$19,100	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : North Side Play Yard								
Rubber Matting	25%			2033	$150,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2059	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch For Building Addition								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$400	
Raceway								
Conduit	70%			2033	$141,200	1		
Conduit	30%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	9%			2032	$21,600	5	$200	
Fused Toggle Switch	1%			2032	$2,400	5		
Molded Case Bkrs	80%			2032	$191,600	5	$2,000	
Molded Case Bkrs	10%			2049	* *	5	$200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$76,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$62,400	10	$9,000	
Exit, Battery	50%			2038	* *	10	$3,100	
Exterior Lighting								
LED	10%	Now	$24,900	2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Not Operational								
No Component	90%							
Alarm								
Security System								
Generic	50%			2041	* *	1	$17,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2041	* *	1	$17,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$239,900	1-3	$59,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2043	* *	1		
Natural Gas	25%			2043	* *	1		
Interruptible Gas/Dual Fuel	70%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Oil Tank Room								
Explanation : Two Fuel Oil Tanks, 6,000 Gallons Each								
Conversion Equipment								
Furnace	5%			2028	$14,500	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Addition Roof								
Explanation : Make-up Air Unit For Kitchen								
Radiant Heater	5%	Now	$24,200	2028	$121,000	2	$1,700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Building Addition - Exit 5								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition								
Explanation : Electric Cabinet Heaters								
Steam Boiler	70%	0-2	$56,700	2031	$567,400	1	$58,000	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 70%								
Location : Basement - Boiler Room								
Explanation : 2 Units, 132 Bhp Each								
No Component	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Gas Heating By Building Addition - Exterior Packaged Unit - Heating/Cooling								
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	$28,700	
Steam Piping/Pump	35%	Now	$4,200	2033	$208,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Defective Chemical Treatment System								
No Component	30%							

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%	0-2	$10,500	2028	$210,000	1	$7,800	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement Fan Areas - Auditorium, Cafeteria And Gymnasium Blowers								
Other Observation, Extent : Moderate, Area Affected : 35%								
Location : Basement Fan Area - Gymnasium Blower								
Explanation : Defective Heating Coils								
Convector/Radiator	45%			2031	$273,800	1	$13,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Original Building - Throughout								
Fan Coil Unit/Heat	10%	Now	$9,200	2028	$184,500	1	$2,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Original Building - Classrooms								
Unit Inoperable, Extent : Severe, Area Affected : 5%								
Location : Room 211								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Original Building - Classrooms								
Explanation : Unit Ventilators								
No Component	30%							
Controls								
Digital	30%	Now	$64,100	2026	$641,000			
Software Issue Suspected, Extent : Moderate, Area Affected : 100%								
Location : Building Addition - Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Throughout								
Explanation : Packaged AC Units Are Not Running During Winter In Ventilation Mode								
Pneumatic	70%	Now	$100,700	2027	$1,006,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium, Cafeteria, Library, Corridors								
Explanation : Defective Controls								
Air Conditioning								
Energy Source								
Electricity	90%			2041	* *	1		
No Component	10%							

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	27%	Now	$8,400	2028	$421,900	2	$1,200	
Noisy/Vibrating, Extent : Light, Area Affected : 15%								
Location : Building Addition - Roof - Unit No. 2								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Building Addition - Roofs								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Roofs								
Explanation : 8 Units, 15 Tons Each Approximately, Condensate Lines Are Not Routed To Roof Drains								
Split Unit	3%			2033	$66,300			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Telecom Rooms								
Explanation : Location Noted								
Window/Wall Unit	50%			2033	$176,200	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building - Various Locations								
Window/Wall Unit	5%	Now	$17,600	2033	$17,600	1		
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Original Building - Counselors Office, Computer Room								
Window/Wall Unit	5%			2026	$17,600	1		
No Component	10%							
Distribution								
Ductwork/Diffusers	25%	Now	$46,000	LIFE	* *	2	$30,300	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Building Addition - Roof								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$65,700	
No Component	20%							
Exhaust Fans								
Interior	70%	Now	$14,400	2028	$288,700	2	$1,600	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Fan Areas								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Area - Gymnasium Exhaust								
Roof	30%			2028	$54,100	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	50%			2031	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 275 Mbh Input 100 Gallons. Quantity 1								
Under Construction	50%							
Sanitary Piping								
Cast Iron	100%	Now	$23,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Fan Area Above Auditorium Exhaust								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$18,600	4	$2,900	
Backflow Preventer								
Generic	100%			2028	$41,500	1	$5,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Location Noted								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2043	* *	1-5	$9,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Stairwell								
Explanation : Location Noted								
Sprinkler								
No Component	68%							
Generic	32%			2043	* *	1-2	$8,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Paint Room, Building Addition - Throughout								
Explanation : Location Noted								
Fire Pump								
No Component	70%							
Generic	30%			2029	$26,600	1	$5,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	100%			2028	$489,600	1-3	$557,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 24 X 5 Foot Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 118 - Q**		
Address	: **190-20 109TH RD. BTWN: 191 ST., 190 PL.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q118**
Program / Asset #	: **BOE0767.000 / 2531**	**Yr Built/Renovated**	: **1927 / 2010**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **10926** **Lot** : **50**	**BIN**	: **4233850**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$517,400	$99,900
Interior Architecture	$53,300	$2,235,500
Electrical	$282,600	$519,900
Mechanical	$711,300	$3,316,100
Site Pavements	$55,500	
Total	**$1,620,100**	**$6,171,400**
Importance Code A	$517,400	$701,300
Importance Code B	$1,102,700	$5,313,400
Importance Code C		$156,700
Total	**$1,620,100**	**$6,171,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,700	$6,800		
Interior Architecture	$18,000	$14,500		$8,400
Electrical	$2,100	$68,600	$3,000	$1,900
Mechanical	$21,700	$33,700	$17,300	$9,900
Site Enclosure	$47,500			
Site Pavements	$113,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$251,500**	**$127,600**	**$24,200**	**$24,200**
Importance Code A	$51,600	$13,800	$6,800	$6,800
Importance Code B	$102,800	$113,700	$17,400	$17,300
Importance Code C	$97,100			
Total	**$251,500**	**$127,600**	**$24,200**	**$24,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$64,400	
Masonry: Brick	33%	Now	$145,900	LIFE	* *	5	$35,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation And Boiler Room								
Masonry: Granite	2%			LIFE	* *	5	$1,600	
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Windows								
Aluminum	100%	Now	$371,500	2046	* *	5	$13,000	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$18,200	
Masonry: Limestone	20%			LIFE	* *	5	$5,700	
Roof								
Built-Up (BUR)	70%	4+	$44,700	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Office 351								
Built-Up (BUR)	25%			2038	* *	10	$13,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Rooms 301 Through 309								
Explanation : Green Roof								
Copper/Terne	5%			2065	* *	10	$6,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,500	
Ceramic Tile	3%			2033	$174,300	5	$3,100	
Terrazzo	5%	4+	$9,600	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Entrance Corridor								
Traffic Topping	2%			2038	* *	5	$2,600	
Vinyl Tile	65%			2030	$1,849,800	3	$33,500	
Wood	15%			2045	* *	5	$29,000	
Interior Walls								
Ceramic Tile	3%			2033	$156,700	5	$2,800	
Masonry: Brick	10%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Marble Panels	3%			LIFE	* *			
Plaster	84%			LIFE	* *	5	$23,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,400	
Plaster	85%	2-4	$53,300	LIFE	* *	5	$54,700	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 349								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$7,400	2050	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : 110th Road								
Explanation : Vandalism To Fence Cut Opening								
Iron Picket	50%	4+	$40,200	2050	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$45,600	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 190th Place, 191st Street And 110th Road								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$49,600	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Exterior Steps On 190th Place And 109th Road								
Activity Yard								
Asphalt	90%	2-4	$55,500	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Rear Play Yard								
Rubber Matting	5%			2035	* *			
Rubber Matting	5%	Now	$18,200	2040	* *			
Tripping Hazard, Extent : Severe, Area Affected : 100%								
Location : Small Play Yard Off 110th Road								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Small Play Yard Off 110th Road								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2030	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	70%			2046	* *	5	$1,300	
Molded Case Bkrs	20%			2029	$35,900	5	$400	
Wiring								
Braided Cloth	70%	2-4	$139,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2040	* *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$83,600	5	$300	
Locally Mounted	20%			2035	* *	5	$100	
Locally Mounted	10%			2043	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	1%			2035	* *	10	$600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fluorescent	96%			2038	* *	10	$60,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2025	$8,200	10		
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	40%			2025	$46,300	10	$6,700	
Emergency, Battery	10%			2038	* *	10	$1,700	
Exit, LED	10%			2065	* *	1		
Exit, Service	40%			2025	$11,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%			2025	$96,600	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$38,900	1	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$12,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2028	$601,400	1	$68,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2030	$1,940,300	4	$3,400	
Terminal Devices								
Air Handler	20%	0-2	$5,200	2030	$259,700	1	$7,700	
Damaged, Extent : Light, Area Affected : 2%								
Location : Damaged Flexible Connection, Basement								
Convector/Radiator	60%			2028	$338,500	1	$13,400	
Fan Coil Unit/Heat	20%			2025	$342,200	1	$4,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%	0-2	$7,800	2025	$78,400	1		
Not in Service, Extent : Severe, Area Affected : 25%								
Location : Various								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,500	
Exhaust Fans								
Interior	95%			2025	$290,700	2	$2,000	
Roof	5%			2025	$6,700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$176,200	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$13,800	4	$1,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$28,600	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 119 - BK**		
Address	: **3829 AVENUE K BTWN: EAST 38 ST., EAST 39 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K119**
Program / Asset #	: **BOE0428.000 / 1359**	**Yr Built/Renovated**	: **1904 / 2009**
Area Sq Ft	: **52,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7786** **Lot** : **1**	**BIN**	: **3215816**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$723,700	
Interior Architecture	$419,300	$3,411,500
Electrical	$177,200	$115,000
Mechanical		$595,600
Site Pavements		$176,200
Total	**$1,320,100**	**$4,298,300**
Importance Code A	$723,700	
Importance Code B	$596,500	$4,087,300
Importance Code C		$211,000
Total	**$1,320,100**	**$4,298,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,100	$2,900		
Interior Architecture	$135,900			$8,900
Electrical	$3,400	$9,700	$4,500	$3,600
Mechanical	$8,500	$9,400	$11,500	$7,200
Site Pavements	$16,900			
Total	**$176,800**	**$22,000**	**$16,000**	**$19,800**
Importance Code A	$17,300	$8,000	$5,300	$5,200
Importance Code B	$103,300	$14,000	$10,700	$14,600
Importance Code C	$56,200			
Total	**$176,800**	**$22,000**	**$16,000**	**$19,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$38,100	
Masonry: Brick	85%	Now	$68,300	LIFE	* *	5	$41,500	
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : 3rd Floor Classroom And Stair*								
Masonry: Limestone	5%			LIFE	* *	5	$1,800	
Windows								
Aluminum	100%	Now	$655,300	2038	* *	5	$11,500	
Air Infiltration, Extent : Moderate, Area Affected : 50% *Location : Throughout*								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50% *Location : Throughout*								
Hardware Missing, Extent : Moderate, Area Affected : 15% *Location : Throughout*								
Unit Inoperable, Extent : Moderate, Area Affected : 25% *Location : Throughout*								
Water Penetration, Extent : Moderate, Area Affected : 25% *Location : Throughout*								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$3,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,200	
Roof								
Built-Up (BUR)	10%			2035	* *	10	$2,900	
IRMA/Protected Membrane	90%	Now	$12,100	2035	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 5% *Location : Upper Roof*								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 5% *Location : Upper Roof*								
Vegetation Growth, Extent : Moderate, Area Affected : 2% *Location : Upper Roof*								
Soffits								
Stucco Cement	100%			2035	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	Now	$7,700	2050	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Mosaic Tile	5%	Now	$19,600	2035	* *	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets								
Terrazzo	5%	4+	$7,800	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	75%	Now	$345,700	2030	$1,728,200	3	$23,500	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	Now	$73,600	2030	$1,472,200	3	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Classrooms Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$10,600	2033	$211,000	5	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%	Now	$14,400	LIFE	* *	5	$3,100	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Mechanical Room								
Masonry: Brick	5%			LIFE	* *			
Plaster	80%	Now	$29,900	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	4+	$5,400	2043	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : First Floor Classroom								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,300	
Plaster	80%	Now	$40,600	LIFE	* *	5	$41,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2050	* *			
Iron Picket	60%			2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%			2040	* *			
Retaining Walls								
Masonry: Brick	100%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$6,800	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$1,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	75%	Now	$8,800	2033	$176,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2056	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2056	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electric Service Room								
Explanation : One 200 Ampere Emergency Lighting Service Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$200	
Raceway								
Conduit	30%			2030	$43,400	1		
Conduit	70%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$14,000	5	$100	
Molded Case Bkrs	50%			2052	* *	5	$700	
Molded Case Bkrs	40%	0-2	$55,900	2055	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Throughout The Building								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Explanation : Kitchen Panelboard Is Overloaded And Has Frequent Nuisance Trips								
Wiring								
Thermoplastic	20%			2040	* *	1		
Thermoplastic	80%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room Adjacent To Cafeteria								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2040	* *	10	$47,700	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$6,300	
Exit, Service	50%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%	Now	$121,300	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 66%								
Location : Roof Parapet								
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 66%								
Location : Roof Mounted Fixtures								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chimney Above Roof								
Explanation : Air Terminals On Chimney And Downleads Installed								
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$19,500	1	$3,900	
Fire/Smoke Detection								
Generic, Digital	80%			2038	* *	1-3	$25,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Generic, Digital	20%			2038	* *	1-3	$6,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$51,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two New Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2056	* *	4	$3,800	
Terminal Devices								
Air Handler	10%			2030	$97,900	1	$3,200	
Convector/Radiator	80%			2028	$340,200	1	$13,400	
Unit Heater - Steam	10%			2038	* *	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	15%			2035	* *	2	$500	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	80%			2028	$157,600	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,000	
Exhaust Fans								
Interior	15%			2030	$34,600	2	$200	
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2025	$1,600	4	$1,600	
Backflow Preventer								
Generic	100%			2038	* *	1	$3,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 119 - BX**		
Address	: **1075 PUGSLEY AVENUE @BLACKROCK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X119**
Program / Asset #	: **BOE0259.000 / 418**	**Yr Built/Renovated**	: **1939 / 1992**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3789** **Lot** : **21**	**BIN**	: **2025696**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$846,800	$607,700
Interior Architecture	$4,858,800	
Electrical	$162,300	$462,700
Mechanical	$267,800	$693,500
Total	**$6,135,700**	**$1,763,800**
Importance Code A	$846,800	$607,700
Importance Code B	$5,288,900	$1,156,200
Total	**$6,135,700**	**$1,763,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,200			
Interior Architecture	$3,200	$33,000		$16,200
Electrical	$65,900	$1,500	$1,900	$104,300
Mechanical	$68,900	$7,600	$10,800	$44,800
Site Pavements	$12,500			
Total	**$178,700**	**$42,100**	**$12,700**	**$165,300**
Importance Code A	$28,200			$100
Importance Code B	$150,500	$40,600	$12,700	$161,800
Importance Code C		$1,400		$3,300
Total	**$178,700**	**$42,100**	**$12,700**	**$165,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	1%			LIFE	* *	5	$700	
Masonry: Brick	30%			LIFE	* *	5	$32,200	
Masonry: Brick	59%			LIFE	* *	5	$63,400	
Masonry: Granite	5%	Now	$84,600	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Steps								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Steps								
Repairs in Progress, Extent : N/A, Area Affected : 40%								
Location : Steps								
Masonry: Limestone	2%			LIFE	* *	5	$1,600	
Masonry: Limestone	3%			LIFE	* *	5	$2,400	
Windows								
Aluminum	100%	Now	$123,800	2048	* *	5	$13,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : 1992 Addition, 1st Floor								
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$58,800	
Masonry: Brick	20%			LIFE	* *	5	$4,600	
Masonry: Brick	45%	2-4	$389,200	LIFE	* *	5	$10,300	
Efflorescence, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Painted Surfaces, Extent : Severe, Area Affected : 20%								
Location : Top Roof								
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Top Roof Corners Of Pugsley And Blackrock Avenue								
Explanation : Repairs Soon To Be In Progress								
Masonry: Limestone	5%	Now	$28,200	LIFE	* *	5	$1,400	
Spalling, Extent : Severe, Area Affected : 10%								
Location : Top Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : Top Roof Coping Stone								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,200	
Roof								
Built-Up (BUR)	65%	Now	$249,200	2037	* *			1
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
IRMA/Protected Membrane	35%			2032	$453,300	10	$19,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,300	
Ceramic Tile	5%			2035	* *	5	$5,200	
Quarry Tile	5%			2045	* *	5	$7,700	
Sheet Vinyl/Rubber	5%			2040	* *	5	$7,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Recent Installation								
Vinyl Tile	45%			2037	* *	3	$17,400	
Vinyl Tile 9" X 9"	25%			2027	$4,545,500	3	$12,900	
Wood	10%			2047	* *	5	$19,300	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	3%			2035	* *	5	$2,800	
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : First Floor Girls And Boys Toilets								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Masonry: Brick	2%			LIFE	* *			
Operable Wall	2%			2052	* *	5	$6,600	
Plaster	46%			LIFE	* *	5	$13,100	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2045	* *	5	$15,500	
AcousTileConcealSpLn	8%			2045	* *	5	$10,300	
AcousTileSusp.Lay-In	5%			2045	* *	5	$5,200	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,400	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	2%			LIFE	* *	5	$2,600	
Plaster	50%	Now	$313,300	LIFE	* *	5	$32,200	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Throughout Third Floor Rooms								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2052	* *			
Iron Picket	75%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,500	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Blackrock Avenue At Parking Lot Entrance								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Blackrock Avenue Near Parking Lot								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Blackrock Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$156,100	5	$200	
Under Construction	20%							
Raceway								
Conduit	95%			2032	$137,400	1		
Under Construction	5%							
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Fused Toggle Switch	5%	2-4	$7,000	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Molded Case Bkrs	75%			2031	$104,800	5	$1,100	
Under Construction	10%							
Wiring								
Braided Cloth	75%	Now	$149,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Under Construction	5%							
Motor Controllers								
Locally Mounted	90%			2030	$64,500	5	$300	
Under Construction	10%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	94%			2040	* *	10	$46,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	6%			2040	* *			
Egress Lighting								
Emergency, Battery	30%			2027	$27,200	10	$3,900	
Emergency, Battery	20%	Now	$18,100	2042	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways And Basement								
Exit, Service	40%			2027	$9,300	1		
Exit, Service	10%	Now	$1,400	2042	* *	1		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Thruoghout The Building								

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DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	5%			2027	$12,600	10		
HID	15%	Now	$37,800	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$20,300	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$41,800	1-3	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bell, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	20%			2032	$203,200	1	$6,700	
Convector/Radiator	60%			2030	$264,900	1	$10,500	
Fan Coil Unit/Heat	20%			2027	$267,800	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	Now	$600	2027	$30,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various. Two Of The Units Are Not Working								
No Component	85%							
Ventilation								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	70%	Now	$33,200	LIFE	* *	2-5	$21,100	
Inadequate Supply, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
No Component	30%							
Exhaust Fans								
Interior	60%			2032	$143,700	2	$1,000	
Roof	10%			2032	$10,500	2	$200	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Under Construction	100%							
HW Heat Exchanger								
Under Construction	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Water Valves, Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$37,300	1-2	$800	
Chemical System								
Generic	100%	Now	$32,600	2031	$81,600	1-3	$68,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : Obsolete Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 12 - BK**		
Address	: **1696 PROSPECT PLACE @ HOWARD AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K012**
Program / Asset #	: **BOE0977.000 / 4140**	**Yr Built/Renovated**	: **1993 /**
Area Sq Ft	: **99,286**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1457** **Lot** : **32**	**BIN**	: **3039174**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$254,500	$157,300
Interior Architecture	$234,300	$50,800
Electrical	$580,100	$266,400
Mechanical	$143,900	$3,429,400
Total	**$1,212,800**	**$3,903,900**
Importance Code A	$254,500	$157,300
Importance Code B	$958,300	$3,746,600
Total	**$1,212,800**	**$3,903,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$60,800	$16,900	$1,500	
Interior Architecture	$76,600	$2,100		$12,900
Electrical	$21,500	$46,500	$13,600	$15,400
Mechanical	$92,800	$41,100	$34,400	$15,000
Site Pavements	$24,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$279,700**	**$110,500**	**$53,500**	**$47,200**
Importance Code A	$65,700	$22,000	$6,400	$4,900
Importance Code B	$195,300	$88,500	$47,000	$42,300
Importance Code C	$18,700			
Total	**$279,700**	**$110,500**	**$53,500**	**$47,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	$46,100	LIFE	* *	5	$19,300	
Expansion Joint Failure, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Sub-Grade Boiler Room And Oil Tank Room								
Masonry: Brick Cavity	80%	0-2	$179,100	LIFE	* *	5	$102,800	
Expansion Joint Failure, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Roof Penthouse								
Metal, Corrugated	5%			2050	* *	1		
Metal/Glass Curt Wall	5%			LIFE	* *	5	$12,000	
Metal Panel	7%			2050	* *	5-10	$61,800	
Windows								
Aluminum	97%			2046	* *	5	$3,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Metal Louvers	3%			2039	* *	10	$600	
Parapets								
Concrete Masonry Unit	35%			LIFE	* *	5	$7,500	
Masonry: Brick Cavity	40%			LIFE	* *	5	$7,500	
Metal Rail	20%			2043	* *	5-10	$68,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$7,700	LIFE	* *	5	$5,900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 90%								
Location : Coping								
Roof								
IRMA/Protected Membrane	95%	Now	$75,500	2035	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Debris Present, Extent : Moderate, Area Affected : 25%								
Location : Rooftop								
Drains Clogged, Extent : Moderate, Area Affected : 25%								
Location : Throughout - Vegetative Growth								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Walls And Roof Drains								
Roll Roofing	5%			2029	$54,500	5	$14,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Boiler Room								
Ceramic Tile	10%			2039	* *	5	$14,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Quarry Tile	5%			2043	* *	5	$10,600	
Sheet Vinyl/Rubber	2%			2035	* *	5	$4,200	
Vinyl Tile	73%	Now	$56,800	2035	* *	3	$38,600	
Adhesion Failure, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%			2058	* *	5	$13,200	
Interior Walls								
Cast in Place Concrete	5%	Now	$9,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Sub-Grade Boiler Room And Oil Tank Room								
Ceramic Tile	3%			2039	* *	5	$3,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : Roof Penthouses								
Gypsum Board	60%			LIFE	* *	5	$43,800	
SGFT/Glazed Masonry	27%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	55%	0-2	$26,100	2043	* *	5	$50,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2043	* *	5	$14,800	
Exposed Struc: Steel	5%	Now	$177,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Boiler Room								
Gypsum Board	25%	Now	$32,300	LIFE	* *	5	$46,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$9,200	
Site Enclosure								

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%			2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Chain Link	50%			2050	* *			
Iron Picket	20%			2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	20%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$13,700	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$7,700	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	40%	0-2	$2,700	2039	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 2%								
Location : North Activity Yard								
Cast in Place Concrete	40%			2043	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Southwest Activity Yard								
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	90%			2038	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$30,600	
Generators								
Diesel	100%			2026	$138,700	1	$38,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$22,100	
Fuel Storage								
Day Tank	50%			2029	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallons Rated Capacity								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	18%			2030	$266,400	10	$16,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	2%			2025	$23,500	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Gymnasium Has Old HID Fixtures								
LED	80%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Lighting Fixtures Were Retrofitted To LED Type In 2018.								

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2030	$30,600	1		
Exit, Service	20%			2025	$8,600	1		
Exit, Service	30%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Replaced In 2019.								
Exterior Lighting								
HID	40%	0-2	$185,300	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Lighting Fixtures Having Constant Problems.								
No Component	60%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%	0-2	$256,100	2040	* *	1-3	$55,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm Having Constant Problems.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Hot Water Boiler	100%			2035	* *	1	$49,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Hot Water Boilers								

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%	4+	$10,900	2038	* *	4	$4,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3 Circulating Pumps With Minor Corrosion At Pumps And Valving. System Water Logged Due To Coagulation Of System Antifreeze In Radiators And Piping.								
Terminal Devices								
Air Handler	50%			2030	$934,200	1	$30,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : See Air Conditioning Terminal Devices								
Convector/Radiator	50%			2035	* *	1	$16,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various								
Explanation : Defective Controllers Repair In Progress								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	70%			2030	$1,025,300	1	$32,200	
R-22 Refrigerant, Extent : Light, Area Affected : 70%								
Location : Roof								
No Component	30%							
Terminal Devices								
Air Handler/Dir Expansion	18%	Now	$143,900	2030	$239,900	1		
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Unit No 4 Controls Malfunctioning On Roof								
Not in Service, Extent : Severe, Area Affected : 80%								
Location : Computer Laboratory And Gymnasium Units At Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Units								
Air Handler/Dir Expansion	52%			2030	$692,900	1		
No Component	30%							
Heat Rejection								
Air Cooled Condenser Unit	70%			2030	$140,800	2	$48,400	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2030	$396,300	2	$2,700	
Roof	10%	Now	$5,800	2030	$19,300	2	$200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$25,500	2040	* *	1		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : 1 Of 2 Circulating Pumps With Bad Bearings.								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Kitchen Respectively								
Explanation : 2 Units. One 180 Gallon And One 25 Gallon								
Sanitary Piping								
Cast Iron	100%	Now	$25,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Rear Reception Area								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$19,900	4	$2,100	
Backflow Preventer								
Generic	100%			2030	$44,300	1	$6,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2040	* *	1-5	$30,000	
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$5,600	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 12 - BX**		
Address	: **1450 OVERING STREET @ E.169 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X012**
Program / Asset #	: **BOE0164.000 / 505**	**Yr Built/Renovated**	: **1928 / 2004**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3983** **Lot** : **1**	**BIN**	: **2041864**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$863,000	$68,100
Interior Architecture	$423,600	
Electrical	$286,800	$720,600
Mechanical	$246,600	$775,300
Site Pavements	$66,900	
Total	**$1,886,900**	**$1,564,000**
Importance Code A	$924,000	$68,100
Importance Code B	$962,900	$1,495,800
Total	**$1,886,900**	**$1,564,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,100	$45,300		$28,400
Interior Architecture		$27,500		$19,000
Electrical	$12,100	$2,300	$2,600	$38,700
Mechanical	$57,800	$11,700	$17,400	$40,200
Site Pavements	$41,500			
Total	**$154,500**	**$86,800**	**$20,100**	**$126,300**
Importance Code A	$43,100	$52,300	$6,900	$35,500
Importance Code B	$110,500	$34,600	$13,100	$90,800
Importance Code C	$900			
Total	**$154,500**	**$86,800**	**$20,100**	**$126,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$26,100	LIFE	* *	5	$40,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Frisby Avenue								
Glazed Ceramic Panel	3%	Now	$12,800	LIFE	* *	5	$14,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : 1965 Wing								
Masonry: Brick	35%			LIFE	* *	5	$36,700	
Masonry: Brick	30%			LIFE	* *	5	$31,400	
Masonry: Granite	5%			LIFE	* *	5	$3,900	
Metal Panel	2%			2052	* *	5-10	$14,400	
Stucco Cement	20%			2045	* *	5	$52,400	
Windows								
Aluminum	50%			2048	* *	5	$18,100	
Aluminum	50%	Now	$863,000	2057	* *	5	$9,100	
Air Infiltration, Extent : Severe, Area Affected : 20%								
Location : North Building								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 1965 Wing								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : 1965 Wing								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Explanation : Rotting Interior Wood Window Sills								
Parapets								
Masonry: Brick	55%			LIFE	* *	5	$6,400	
Masonry: Limestone	10%			LIFE	* *	5	$1,500	
Metal Panel	10%			2052	* *	5	$4,500	
Metal Rail	15%			2045	* *	5-10	$31,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$7,300	
Roof								
Built-Up (BUR)	45%			2037	* *	10	$20,000	
Copper/Terne	2%			2047	* *	10	$2,200	
Modified Bitumen	53%			2040	* *	10	$23,500	
Soffits								
Masonry: Granite	68%	4+	$4,100	LIFE	* *	5	$400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Overing Street								
Metal Panel	32%	0-2	$100	2052	* *	5	$500	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 2%								
Location : Entrance On Tratman Avenue								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,500	
Ceramic Tile	3%			2035	* *	5	$3,400	
Terrazzo	2%			LIFE	* *	5	$1,800	
Vinyl Tile	50%			2037	* *	3	$21,500	
Vinyl Tile 9" X 9"	35%	Now	$353,900	2042	* *	3	$15,000	
Worn/Eroded, Extent : Severe, Area Affected : 90% *Location : Throughout*								
Wood	5%			2047	* *	5	$10,700	
Interior Walls								
Concrete Masonry Unit	7%			LIFE	* *	5	$4,200	
Glazed Ceramic Panel	3%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$4,500	
Plaster	50%			LIFE	* *	5	$22,600	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2037	* *	5	$17,200	
AcousTileConcealSpLn	10%			2045	* *	5	$14,300	
AcousTileSusp.Lay-In	20%			2045	* *	5	$22,900	
Exposed Struc: Concrete	20%			LIFE	* *	5	$3,600	
Plaster	15%			LIFE	* *	5	$10,700	
Plaster	20%	2-4	$69,700	LIFE	* *	5	$14,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10% *Location : 4th Floor Classrooms 1924 Section* *Horizontal Cracks, Extent : Severe, Area Affected : 10%* *Location : 4th Floor Classrooms 1924 Section*								
Site Enclosure								
Fence/Gates								
Chain Link	95%			2052	* *			
Iron Picket	5%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$19,800	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10% *Location : Tratman Avenue* *Misaligned/Bulging, Extent : Moderate, Area Affected : 5%* *Location : Tratman Avenue* *Tripping Hazard, Extent : Severe, Area Affected : 2%* *Location : Tratman Avenue*								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10% *Location : Rear Walkways*								
Masonry: Granite	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	95%	4+	$66,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Activity Yard								
Rubber Matting	5%	Now	$20,800	2042	* *			
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Rear Yard Play Area								
Open Seams, Extent : Severe, Area Affected : 75%								
Location : Rear Yard Play Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	90%			2031	$161,700	5	$1,700	
Wiring								
Braided Cloth	50%	2-4	$99,800	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2032	$99,800	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$62,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$58,800	10	$8,400	
Exit, Service	50%			2027	$15,100	1		
Exterior Lighting								
HID	20%			2027	$65,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	10%			2027	$13,100	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Smoke Detector, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$61,000	2045	* *	1	$62,400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Two Plugged Tubes								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Corroded Boiler Plate								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$39,400	2052	* *	4	$3,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Corroded Vacuum Pump								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Chemical Feed Unit								
Terminal Devices								
Air Handler	40%			2032	$526,900	1	$17,300	
Convector/Radiator	60%			2037	* *	1	$13,600	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$9,300	2027	$185,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various. 10 Percent Of Window, Wall Units Are Not Working								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,000	
Exhaust Fans								
Interior	80%			2032	$248,400	2	$1,700	
Roof	20%			2027	$27,200	2	$400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$2,800	2032	$14,000	4	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Basement. One Sump Pump Is Not Working								
Backflow Preventer								
Generic	100%			2040	* *	1	$4,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2030	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 120 - BK**		
Address	: **18 BEAVER STREET @ FLUSHING AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K120**
Program / Asset #	: **BOE0429.000 / 1360**	**Yr Built/Renovated**	: **1965 / 2010**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3137** **Lot** : **26**	**BIN**	: **3071806**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$937,600	$104,400
Interior Architecture	$8,464,900	
Electrical	$233,400	$1,025,200
Mechanical	$73,500	$1,705,000
Site Pavements	$174,300	
Total	**$9,883,700**	**$2,834,600**
Importance Code A	$937,600	$104,400
Importance Code B	$8,776,500	$2,730,200
Importance Code C	$169,600	
Total	**$9,883,700**	**$2,834,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$111,200		$8,800	
Interior Architecture	$258,400			$14,200
Electrical	$30,200	$9,100	$11,200	$10,200
Mechanical	$81,300	$31,100	$37,900	$49,500
Site Enclosure	$15,300			
Site Pavements	$40,200			
Total	**$536,500**	**$40,100**	**$57,800**	**$73,900**
Importance Code A	$120,800	$9,600	$18,400	$9,600
Importance Code B	$306,000	$30,500	$39,400	$64,300
Importance Code C	$109,700			
Total	**$536,500**	**$40,100**	**$57,800**	**$73,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$85,900	
Masonry: Brick	95%			LIFE	* *	5	$208,800	
Windows								
Aluminum	100%			2049	* *	5	$26,200	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$8,000	LIFE	* *	5	$6,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% *Location : Lower And Upper Roof*								
Masonry: Brick	85%	Now	$47,200	LIFE	* *	5	$7,500	
Vertical Cracks, Extent : Moderate, Area Affected : 5% *Location : Throughout*								
Metal: Cage/Fence	5%			2046	* *	5-10	$3,400	
Roof								
IRMA/Protected Membrane	95%	Now	$833,100	2038	* *			
Expansion Joint Failure, Extent : Moderate, Area Affected : 25% *Location : Lower Roof* *Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 25%* *Location : Lower Roof* *Insul Miss/Displaced, Extent : Moderate, Area Affected : 15%* *Location : Lower Roof* *Recent Repair Evident, Extent : N/A, Area Affected : 25%* *Location : Lower Roof*								
Metal Panel	5%			2046	* *	10	$6,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$66,500	
Ceramic Tile	3%	0-2	$25,700	2042	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Toilets And Kitchen								
Terrazzo	2%			LIFE	* *	5	$4,700	
Vinyl Tile	25%	Now	$21,000	2038	* *	3	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair Landings Throughout								
Vinyl Tile 9" X 9"	50%	4+	$8,045,400	2043	* *	3	$28,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Throughout								
Wood	10%	Now	$271,900	2061	* *	5	$14,200	
Dry Rot/Decay, Extent : Severe, Area Affected : 50%								
Location : Gymnasium								
Patching Evident, Extent : Severe, Area Affected : 25%								
Location : Gymnasium								
Uneven Surface, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$7,400	2042	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout And Kitchen								
Concrete Masonry Unit	10%	4+	$42,300	LIFE	* *	5	$9,000	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Glazed Ceramic Panel	2%			LIFE	* *	10	$4,100	
Plaster	60%			LIFE	* *	5-10	$114,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$28,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%	2-4	$36,000	2038	* *	5	$28,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Corridors And Cafeteria								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout Corridors And Cafeteria								
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$83,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,900	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$18,600	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	15%	Now	$34,000	LIFE	* *	5	$14,000	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Auditorium								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria And Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Iron Picket	75%	Now	$15,300	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gate At West End Of Beaver Street								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$27,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	10%	2-4	$95,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Steps At Entrance Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$12,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parking Lot								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	25%			2046	* *			
Pavers/Stone	25%			2042	* *			
Rubber Matting	50%	Now	$79,000	2038	* *			
Tripping Hazard, Extent : Light, Area Affected : 50%								
Location : Playground								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Playground								
Explanation : Vegetation Growth Causing Misalignment								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$204,800	5	$400	
Fused Disc Sw	10%			2043	* *	5		
Raceway								
Conduit	95%			2033	$191,700	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	2%			2049	* *	5		
Fused Disc Sw	8%			2032	$19,200	5	$200	
Molded Case Bkrs	10%			2049	* *	5	$300	
Molded Case Bkrs	80%			2032	$191,600	5	$2,000	
Wiring								
Braided Cloth	80%	2-4	$233,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,400	
Corroded, Extent : Light, Area Affected : 100%								
Location : Sprinkler Control Valve Rm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	70%			2041	* *	10	$62,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms And Basement								
Explanation : T-8 Lamps								
Fluorescent	6%			2038	* *	10	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room Basement								
Explanation : T-8 Lamps								
LED	24%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, 3rd Floor Corridor And Classrooms								
Explanation : LED Lighting Recent Installation								
Egress Lighting								
Emergency, Battery	45%			2028	$73,300	10	$10,500	
Emergency, Battery	5%			2041	* *	10	$1,200	
Exit, Service	30%			2028	$12,500	1		
Exit, Service	20%			2041	* *	1		
Exterior Lighting								
HID	9%			2028	$40,700	10		
LED	1%			2041	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$800	
Alarm								
Security System								
Generic	100%			2028	$182,100	1	$36,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallway, Cafeteria, Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$59,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$96,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : Traps Replaced Throughout								
Terminal Devices								
Air Handler	20%			2028	$365,100	1	$12,000	
Convector/Radiator	70%			2038	* *	1	$21,900	
Fan Coil Unit/Heat	10%			2033	$240,500	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$257,200	1		
Window/Wall Unit	20%			2026	$73,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,600	
Exhaust Fans								
Interior	20%			2033	$86,000	2	$600	
Roof	80%			2028	$150,600	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2043	* *	1		
Galvanized Steel	25%			2031	$309,600	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 100 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$19,400	4	$3,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$40,200	1-2	$800	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 60 Square-foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 120 - BK
Asset # : 1360

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 120 - Q**		
Address	: **58 AVE AND 136 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q120**
Program / Asset #	: **BOE0768.000 / 1556**	**Yr Built/Renovated**	: **1932 / 2008**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **6373** **Lot** : **1**	**BIN**	: **4139491**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$253,700	$85,000
Interior Architecture	$15,018,200	
Electrical	$141,100	$765,300
Mechanical	$656,900	$1,368,400
Total	**$16,069,900**	**$2,218,700**
Importance Code A	$253,700	$171,800
Importance Code B	$15,758,800	$2,047,000
Importance Code C	$57,400	
Total	**$16,069,900**	**$2,218,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,600	$6,100		$17,700
Interior Architecture	$60,400	$40,300		$13,900
Electrical	$28,900	$3,100	$3,700	$8,900
Mechanical	$24,400	$12,400	$19,700	$33,400
Site Enclosure	$3,600			
Site Pavements	$70,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$228,700**	**$65,800**	**$27,300**	**$77,900**
Importance Code A	$44,400	$13,900	$7,800	$25,800
Importance Code B	$129,600	$50,100	$19,500	$52,100
Importance Code C	$54,600	$1,800		
Total	**$228,700**	**$65,800**	**$27,300**	**$77,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$173,100	LIFE	* *	5	$85,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : New Wing								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : New Wing Rear								
Vertical Cracks, Extent : Severe, Area Affected : 10%								
Location : New Wing Rear								
Masonry: Brick	45%	Now	$80,600	LIFE	* *	5	$48,900	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Stair Bulkhead								
Masonry: Brick Cavity	25%			LIFE	* *	5	$27,200	
Masonry: Granite	5%			LIFE	* *	5	$4,100	
Masonry: Limestone	15%			LIFE	* *	5	$12,200	
Windows								
Aluminum	95%			2048	* *	5	$30,900	
Aluminum	5%	Now	$1,500	2048	* *	5	$800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Room 309								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Room 309								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$5,000	
Masonry: Brick	35%	2-4	$9,900	LIFE	* *	5	$3,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Parapet Alongside Playground								
Masonry: Limestone	10%			LIFE	* *	5	$1,400	
Metal Panel	5%			2052	* *	5	$2,200	
Metal Rail	5%			2045	* *	5-10	$10,000	
Roof								
Built-Up (BUR)	70%	Now	$25,200	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair A, G And H Bulkhead, And Gymnasium Fan Room								
Copper/Terne	3%			2060	* *	10	$4,600	
Modified Bitumen	27%			2037	* *	10	$16,700	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,100	
Mosaic Tile	3%	Now	$7,800	2037	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor Bathroom								
Mosaic Tile	2%			2037	* *	5	$6,900	
Quarry Tile	5%			2045	* *	5	$10,400	
Terrazzo	3%	Now	$7,800	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Terrazzo	2%			LIFE	* *	5	$2,200	
Vinyl Tile	15%			2037	* *	3	$7,800	
Vinyl Tile 9" X 9"	60%	Now	$293,300	2027	$14,667,400	3	$31,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : 1932 Wing								
Wood	5%			2060	* *	5	$13,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$44,900	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2045	* *	5	$3,500	
Concrete Masonry Unit	9%			LIFE	* *	5	$4,300	
Glass: Single Pane	1%			LIFE	* *	5	$900	
Gypsum Board	19%			LIFE	* *	5	$13,500	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	40%	Now	$57,400	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Around Windows 3rd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 304								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2045	* *	5	$13,900	
AcousTileSusp.Lay-In	25%			2045	* *	5	$34,600	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,200	
Plaster	55%			LIFE	* *	5	$47,600	
Site Enclosure								
Fence/Gates								
Chain Link	25%	2-4	$3,600	2052	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Playground								
Iron Picket	75%			2067	* *			
Site Pavements								

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$1,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stair Ramp New Wing								
On-Site Walkways								
Cast in Place Concrete	75%			2045	* *			
Masonry: Granite	25%	0-2	$6,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Stair Steps								
Activity Yard								
Rubber Matting	20%			2037	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Playground								
Rubber Matting	30%	Now	$46,600	2037	* *			
Ponding, Extent : Moderate, Area Affected : 50%								
Location : Rear Yard Turf								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard Turf								
Explanation : Astro Turf								
Traffic Topping	50%	Now	$16,100	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches Rated At 1200 Amperes, 800 Amperes And 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$159,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Molded Case Bkrs	30%			2052	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	70%			2032	$141,200	1		
Conduit	30%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Knife Sw	5%	0-2	$12,000	2057	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete And On Extended Life								
Molded Case Bkrs	40%			2031	$95,800	5	$1,000	
Molded Case Bkrs	30%			2048	* *	5	$700	
Molded Case Bkrs	20%			2040	* *	5	$500	
Wiring								
Braided Cloth	20%	2-4	$58,300	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2032	$145,900	1		
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	$59,700	5	$300	
Locally Mounted	20%			2045	* *	5	$100	
Locally Mounted	20%	0-2	$14,300	2052	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Variable Frequency Drive	10%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$81,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Compact Fluorescent Lights								
LED	3%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	25%			2037	* *	10	$5,600	
Emergency, Battery	25%			2032	$39,000	10	$5,600	
Exit, Service	25%			2037	* *	1		
Exit, Service	25%			2032	$10,000	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$52,400	1	$10,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$72,000	1-3	$17,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Toilets, Staircases								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2042	* *	1		
Interruptible Gas/Dual Fuel	70%			2052	* *	1		
Conversion Equipment								
Furnace	30%			2032	$86,800	1	$13,800	
Steam Boiler	70%			2045	* *	1	$64,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%			2032	$521,300			
No Component	30%							
Terminal Devices								
Air Handler	15%			2027	$262,500	1	$8,600	
Convector/Radiator	55%			2037	* *	1	$16,500	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%	0-2	$9,400	2032	$468,700	2	$1,400	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 6 Package Units. Roof								
Window/Wall Unit	30%			2027	$105,700	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$36,300	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$15,600	
Exhaust Fans								
Interior	70%			2027	$288,700	2	$2,000	
Roof	30%			2032	$54,100	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$237,500	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 600 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$18,600	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2032	$48,700	4	$5,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2052	* *	1-5	$14,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2042	* *	1-2	$7,800	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 121 - BK**		
Address	: **5301 20 AVENUE @53 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K121**
Program / Asset #	: **BOE0430.000 / 1361**	**Yr Built/Renovated**	: **1929 / 2013**
Area Sq Ft	: **48,112**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5495** **Lot** : **1101**	**BIN**	: **3253281**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$72,100
Interior Architecture	$56,900	
Electrical	$79,100	$429,900
Mechanical	$760,600	$508,100
Site Pavements	$317,900	$132,600
Total	**$1,214,500**	**$1,142,700**
Importance Code A		$72,100
Importance Code B	$1,157,700	$1,070,600
Importance Code C	$56,900	
Total	**$1,214,500**	**$1,142,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,800	$11,200		$3,800
Interior Architecture	$115,000	$8,400		$200
Electrical	$12,400	$1,600	$1,800	$102,200
Mechanical	$30,300	$6,900	$10,400	$6,900
Site Pavements	$30,500			
Total	**$192,000**	**$28,300**	**$12,200**	**$113,100**
Importance Code A	$8,600	$16,000	$4,800	$8,700
Importance Code B	$123,400	$11,100	$7,400	$104,400
Importance Code C	$60,100	$1,100		
Total	**$192,000**	**$28,300**	**$12,200**	**$113,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$72,100	
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	80%			2040	* *	5	$18,000	
Glazing Clouded, Extent : Light, Area Affected : 50%								
Location : Lexan Window Panes Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lexan Panes Throughout								
Explanation : Thermally Inefficient								
Aluminum	20%			2040	* *	5	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$9,100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Metal Rail	5%			2049	* *	5-10	$9,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Coping Stones								
Roof								
Copper/Terne	5%			2067	* *	10	$3,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Stair Bulkhead Roof								
Modified Bitumen	95%			2040	* *	10	$28,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roofs								
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$21,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Basement And Upper Floor Corridors								
Explanation : Epoxy Coating								
Ceramic Tile	1%	Now	$14,800	2047	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Staff Bathrooms								
Ceramic Tile	4%			2045	* *	5	$2,600	
Sheet Vinyl/Rubber	5%			2040	* *	5	$4,900	
Terrazzo	5%			LIFE	* *	5	$2,600	
Vinyl Tile	43%			2037	* *	3	$10,600	
Vinyl Tile 9" X 9"	2%	Now	$11,600	2042	* *	3	$500	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Room 160								
Wood	25%	Now	$19,600	2047	* *	5	$15,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$56,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Foundation Wall At Electrical Main Feed								
Cast Stone/Terra Cotta	5%	2-4	$4,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement								
Ceramic Tile	1%	Now	$24,700	2047	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Staff Bathrooms								
Ceramic Tile	3%			2045	* *	5	$2,200	
Glass: Single Pane	5%			LIFE	* *	5	$2,800	
Masonry: Brick	24%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$11,200	
Ceilings								
Exposed Struc: Concrete	20%	Now	$39,400	LIFE	* *	5	$2,100	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Street Level Hatch To Basement On 20th Avenue								
Plaster	80%			LIFE	* *	5	$32,900	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2058	* *			
Iron Picket	75%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	4+	$30,500	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Exit Stair On 20 Avenue								
Explanation : Mortar Joints Deteriorated								
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	85%	Now	$317,900	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Rear Yard Play Area								
Tripping Hazard, Extent : Severe, Area Affected : 20%								
Location : Central Line Through Play Yard And At South Western Edge Of Play Area								
Rubber Matting	15%			2032	$132,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$162,600	5	$200	
Raceway								
Conduit	95%			2032	$76,900	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	85%			2031	$118,800	5	$1,100	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$79,100	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$21,100	1		
Thermoplastic	5%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$43,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$5,800	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	15%			2027	$33,700	10		
HID	5%	Now	$11,200	2042	* *			
Damaged Fixtures, Extent : Light, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$18,100	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$47,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$19,300	2032	$385,300			
Broken, Extent : Moderate, Area Affected : 5%								
Location : Valve On Condensate Piping Return At Condensate Pump Has Broken								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Thermostats, Various Locations.								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2027	$181,100	1	$6,000	
Convector/Radiator	60%	0-2	$4,700	2037	* *	1	$8,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Radiators At Room 307 And 315								
Fan Coil Unit/Heat	20%			2027	$238,600	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	20%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Four Units At The Gymnasium								
Window/Wall Unit	70%			2027	$127,600	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$26,800	
Exhaust Fans								
Interior	100%			2027	$213,400	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$122,800	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$9,600	4	$1,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$33,300	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 121 - BX**		
Address	: **2750 THROOP AVENUE @ ARNOW AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X121**
Program / Asset #	: **BOE0261.000 / 2687**	**Yr Built/Renovated**	: **1953 / 2011**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4526** **Lot** : **1**	**BIN**	: **2054253**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$59,100	$73,900
Interior Architecture	$287,700	$5,189,800
Electrical	$291,000	$507,000
Mechanical	$888,800	$1,428,400
Total	**$1,526,700**	**$7,199,100**
Importance Code A	$545,500	$73,900
Importance Code B	$855,700	$7,125,200
Importance Code C	$125,500	
Total	**$1,526,700**	**$7,199,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$18,400	$11,600	$5,800	
Electrical	$31,000	$3,200	$3,100	$37,700
Mechanical	$93,400	$15,400	$21,800	$46,000
Site Enclosure	$9,400			
Site Pavements	$30,500			
Total	**$182,700**	**$30,100**	**$30,700**	**$83,700**
Importance Code A		$9,200	$9,200	$9,400
Importance Code B	$142,800	$20,900	$21,500	$74,200
Importance Code C	$40,000			
Total	**$182,700**	**$30,100**	**$30,700**	**$83,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$73,900	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Exterior Wall South Elevation								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Throop Avenue, Arnow Avenue								
Explanation : Sidewalk Shed								
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%			2048	* *	5	$25,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$10,400	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$7,300	
Roof								
Built-Up (BUR)	95%	Now	$59,100	2037	* *			1
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Ponding, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stair Bulkhead								
Copper/Terne	5%			2060	* *	10	$6,700	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,800	
Ponding, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room, Fan Room								
Ceramic Tile	5%			2041	* *	5	$4,200	
Terrazzo	5%			LIFE	* *	5	$3,300	
Vinyl Tile	35%			2040	* *	3	$11,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	35%			2032	$5,189,800	3	$11,000	
Wood	10%			2060	* *	5	$15,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,600	
Plaster	65%	Now	$51,800	LIFE	* *	5	$12,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Basement Corridor Leading To Boiler Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Corridor Leading To Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Corridor Leading To Boiler Room								
SGFT/Glazed Masonry	25%	Now	$73,700	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Wall, Basement Corridor Leading To Boiler Room								
Ceilings								
AcousTile,Adhered	60%	Now	$162,200	2037	* *	5	$25,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Cafeteria, Basement Hallways								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Various Halls								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Exposed Struc: Concrete	20%			LIFE	* *	5	$2,600	
Plaster	20%			LIFE	* *	5	$10,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 209								
Site Enclosure								
Fence/Gates								
Chain Link	45%			2052	* *			
Iron Picket	45%	2-4	$9,400	2067	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Iron Picket	10%			2067	* *			
Retaining Walls								
Cast in Place Concrete	5%			2052	* *			
Masonry: Brick	95%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	85%	0-2	$18,500	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Pavements Outside Temporary Classroom								
Cast in Place Concrete	10%	Now	$5,200	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : South Outdoor Walkway								
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : South Outdoor Walkway								
Tripping Hazard, Extent : Severe, Area Affected : 40%								
Location : South Outdoor Walkway								
Pavers/Stone	5%	Now	$6,900	2045	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Stairs Down To Temporary Classroom								
Tripping Hazard, Extent : Severe, Area Affected : 100%								
Location : Stairs Down To Temporary Classroom								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	45%			2032	$20,400	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Fused Disc Sw	45%			2042	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$400	
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	20%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	2%			2040	* *	5		
Fused Disc Sw	8%			2031	$19,200	5	$200	
Fused Knife Sw	2%	Now	$4,800	2057	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Fan Room								
Fused Toggle Switch	10%	0-2	$24,000	2057	* *	5	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	15%			2040	* *	5	$400	
Molded Case Bkrs	63%			2031	$150,900	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$204,200	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Thermoplastic	10%			2032	$29,200	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$81,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$11,200	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	5%			2027	$21,700	10		
HID	15%	Now	$65,100	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$34,900	1	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$216,300	5	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : Two Tanks 7500 Gallons Each.								
Conversion Equipment								
Steam Boiler	100%	0-2	$486,400	2052	* *	1	$82,900	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Basement. Boiler Room. Inefficient Operation Due To Several Plugged Tubes								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$261,500	2042	* *	4	$4,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement, Vacuum Pump Leaking. Broken Gasket Make Up Tank Pump No.2. Leaking Steam Piping At Exit 9 And 10								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$35,000	2032	$350,000	1	$10,400	
Broken, Extent : Severe, Area Affected : 20%								
Location : Pneumatic Controls, Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil In Unit For Gymnasium								
Convector/Radiator	75%	Now	$11,400	2037	* *	1	$20,300	
Leak Evident, Extent : Severe, Area Affected : 80%								
Location : Next To Staircase C, D On 3rd Floor								
Fan Coil Unit/Heat	5%			2037	* *	1	$1,500	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$7,000	2027	$140,900	1		
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Various 40 Percent Of Window Wall Units Are Not Working								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,900	
Exhaust Fans								
Interior	100%	Now	$20,600	2032	$412,500	2	$2,300	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Exhaust Hoods								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Belt Misalignment								
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Unit E, Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2042	* *	1		
Galvanized Steel	80%			2037	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2032	$449,700	4	$13,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%	Now	$9,300	2042	* *	4	$1,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 1 Of 2 Sump Pumps In The Basement								
Submersible	50%	0-2	$900	2025	$1,400	4	$1,000	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Basement. Broken Float Mechanism								
Sewage Ejector(s)								
Electric	100%			2032	$48,700	4	$5,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 121 - Q**		
Address	: **126-10 109 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q121**
Program / Asset #	: **BOE0770.000 / 1558**	**Yr Built/Renovated**	: **1925 / 2014**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **11607** **Lot** : **1**	**BIN**	: **4249769**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$271,800	$248,100
Interior Architecture	$506,100	$57,800
Electrical	$159,700	$739,700
Mechanical		$2,063,900
Total	**$937,500**	**$3,109,500**
Importance Code A	$271,800	$248,100
Importance Code B	$364,500	$2,861,400
Importance Code C	$301,200	
Total	**$937,500**	**$3,109,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,800		$7,200	
Interior Architecture	$114,800		$13,200	$3,700
Electrical	$8,500	$7,200	$8,900	$8,000
Mechanical	$54,600	$11,900	$14,200	$11,100
Site Pavements	$14,300			
Total	**$208,800**	**$19,100**	**$43,400**	**$22,800**
Importance Code A	$24,400	$7,600	$14,800	$7,600
Importance Code B	$154,600	$11,500	$28,700	$15,100
Importance Code C	$29,900			
Total	**$208,800**	**$19,100**	**$43,400**	**$22,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$105,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Explanation : Scaffolding Installed Throughout								
Masonry: Brick	90%			LIFE	* *	5	$242,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Limestone	5%			LIFE	* *	5	$10,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Metal Louvers	1%			2042	* *	10	$2,400	
Under Construction	99%							
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$114,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Parapets								
Pre-Cast Concrete	10%			LIFE	* *	5	$23,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Parapets								
Roof								
Built-Up (BUR)	95%			2038	* *	10	$74,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Metal Panel	5%			2046	* *	10	$7,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Basement								
Ceramic Tile	5%			2042	* *	5	$5,900	
Quarry Tile	5%			2046	* *	5	$8,800	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	60%			2038	* *	3	$26,400	
Vinyl Tile 9" X 9"	5%	Now	$103,600	2043	* *	3	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%	0-2	$35,000	2048	* *	5	$11,000	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	15%			LIFE	* *	10	$8,600	
Marble Panels	5%			LIFE	* *	10	$3,800	
Plaster	65%	Now	$301,200	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 312, 412, 252, Stair Z, Rooms 150, 151, Stair C, Auditorium At Windows								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$14,300	
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$13,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,900	
Plaster	85%			LIFE	* *	5-10	$159,000	
Site Enclosure								
Fence/Gates								
Chain Link	55%			2053	* *			
Under Construction	45%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Iron Picket Fence								
Explanation : Iron Picket Fence Removed Due To Construction								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Shed Installed								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$3,200	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 3%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Shed Installed								
Activity Yard								
Asphalt	40%	0-2	$11,100	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	10%			2038	* *			
Under Construction	50%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	$136,500	5	$200	
Fused Disc Sw	30%			2053	* *	5	$100	
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	3%			2049	* *	5	$100	
Fused Disc Sw	7%			2032	$12,600	5	$100	
Molded Case Bkrs	15%			2049	* *	5	$300	
Molded Case Bkrs	75%			2032	$134,700	5	$1,500	
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$67,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$9,300	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
Generic	100%			2028	$144,500	1	$28,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Office, Exit Doors								
Explanation : Intrusion Alarm Only. Motion Sensors								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$47,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$76,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$30,800	2033	$616,600			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Supply Line And Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	15%			2028	$217,400	1	$7,100	
Convector/Radiator	60%			2031	$377,800	1	$14,900	
Fan Coil Unit/Heat	25%			2028	$477,300	1	$6,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2032	$116,700	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$34,000	
No Component	50%							
Exhaust Fans								
Interior	45%			2028	$153,700	2	$1,100	
Roof	5%			2041	* *	2	$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tankless Unit With One 250 Gallon Tank								
Sanitary Piping								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Repacement Is In Progress								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,400	4	$2,400	
Backflow Preventer								
Generic	100%			2033	$34,400	1	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$53,200	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 122 - Q**		
Address	: **21-21 DITMARS BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q122**
Program / Asset #	: **BOE0771.000 / 2532**	**Yr Built/Renovated**	: **1925 / 2009**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **880** **Lot** : **1**	**BIN**	: **4019633**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$707,200	$213,600
Interior Architecture	$5,778,400	$2,067,900
Electrical	$520,500	$1,226,200
Mechanical		$3,268,000
Total	**$7,006,000**	**$6,775,600**
Importance Code A	$707,200	$265,000
Importance Code B	$5,849,000	$6,510,600
Importance Code C	$449,800	
Total	**$7,006,000**	**$6,775,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$93,000	$12,500		
Interior Architecture	$53,800	$5,000	$5,000	$13,800
Electrical	$14,900	$10,200	$10,600	$13,400
Mechanical	$92,400	$14,800	$29,700	$14,800
Site Enclosure	$34,200			
Total	**$288,300**	**$42,500**	**$45,300**	**$42,000**
Importance Code A	$103,800	$23,300	$10,800	$10,800
Importance Code B	$101,100	$19,200	$34,500	$25,400
Importance Code C	$83,500			$5,700
Total	**$288,300**	**$42,500**	**$45,300**	**$42,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%	0-2	$9,700	LIFE	* *	5	$38,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Window Sills								
Masonry: Brick	90%	Now	$604,100	LIFE	* *	5	$146,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stair Bulkheads								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Compressor Room, Stairs 2, 3, 8, And 5th Floor Classrooms								
Masonry: Granite	5%			LIFE	* *	5	$12,200	
Masonry: Marble	2%			LIFE	* *	5	$4,900	
Windows								
Aluminum	99%	Now	$47,000	2049	* *	5	$24,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 2%								
Location : Throughout								
Metal Louvers	1%			2042	* *	10	$3,100	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5-10	$12,500	
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$120,800	
Metal Rail	8%			2050	* *	5-10	$31,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$27,800	
Roof								
Built-Up (BUR)	95%			2041	* *	10	$66,900	
Copper/Terne	5%	Now	$4,600	2048	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkheads								
Soffits								
Masonry: Marble	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2042	* *	5	$10,100	
Marble Panels	3%			LIFE	* *	5	$9,100	
Traffic Topping	20%	0-2	$384,600	2033	$1,923,200	5	$25,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs And Hallways								
Wrinkling, Extent : Moderate, Area Affected : 10%								
Location : Stairs And Hallways								
Vinyl Tile	20%			2038	* *	3	$15,100	
Vinyl Tile 9" X 9"	12%	Now	$426,800	2043	* *	3	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rooms 201, 202, 204, 206, 213, 214, 252, 307, 311, 313, 412, 512, 559								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	30%	Now	$3,605,600	2073	* *	5	$56,700	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Classrooms, Cafeteria, Rooms 302, 303, 304, 305, 306, 402, 404, 415, 417, 419, 419, 420								
Dry Rot/Decay, Extent : Severe, Area Affected : 20%								
Location : Cafeteria								
Split/Cracked, Extent : Severe, Area Affected : 50%								
Location : 4th And 3rd Floor Classrooms								
Wood	10%			2068	* *	5	$37,800	
Interior Walls								
Cast in Place Concrete	10%	Now	$87,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor								
Ceramic Tile	5%			2042	* *	5	$11,500	
Masonry: Brick	5%			LIFE	* *	10	$3,400	
Marble Panels	5%			LIFE	* *	10	$4,600	
Plaster	65%	Now	$362,600	LIFE	* *	5	$44,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 5th Floor Classrooms And Stair Bulkheads								
SGFT/Glazed Masonry	10%	Now	$41,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Gymnasium								
Ceilings								
AcousTileSusp.Lay-In	5%			2050	* *	5	$10,100	
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$62,900	
Plaster	70%	Now	$856,500	LIFE	* *	5	$88,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : 5th Floor Classrooms								
Site Enclosure								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$9,200	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Iron Picket	50%	Now	$25,000	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Gate Lock								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : 20th Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	30%			2042	* *			
Cast in Place Concrete	70%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	97%			2042	* *			
Rubber Matting	3%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	$182,100	5	$300	
Fused Disc Sw	30%			2043	* *	5	$100	
Raceway								
Conduit	80%			2033	$195,000	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Molded Case Bkrs	75%			2032	$179,600	5	$2,200	
Molded Case Bkrs	15%			2041	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$239,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2033	$68,400	1		
Motor Controllers								
Locally Mounted	40%			2038	* *	5	$300	
Locally Mounted	60%			2031	$108,900	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	94%			2041	* *	10	$94,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2041	* *	10	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Battery	15%			2038	* *	10	$3,900	
Emergency, Battery	35%			2028	$64,000	10	$9,200	
Exit, Service	10%			2038	* *	1		
Exit, Service	40%			2028	$18,800	1		
Exterior Lighting								
HID	15%			2028	$76,300	10	$100	
LED	15%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$204,600	1	$40,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$281,200	2043	* *	1-3	$61,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$108,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	0-2	$8,700	2043	* *			
Controller Not Working, Extent : Moderate, Area Affected : 25%								
Location : Thermostats, Various Locations.								
Steam Piping/Pump	95%			2033	$829,200			
Terminal Devices								
Air Handler	10%			2028	$205,100	1	$6,700	
Convector/Radiator	50%			2031	$445,700	1	$17,600	
Fan Coil Unit/Heat	40%			2028	$1,081,000	1	$14,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	0-2	$31,000	2033	$61,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Third Floor, Room 308 And 309								
Window/Wall Unit	45%			2031	$185,800	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,200	
Exhaust Fans								
Interior	95%			2028	$459,300	2	$3,200	
Roof	5%			2028	$10,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	20%			2026	$4,700	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 50 Gallon Unit								
Gas Fired	80%			2031	$13,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 120 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	10%	0-2	$1,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Water Backs Up At 1st Floor And Basement When It Rains								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,300	
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Aged								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$45,200	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 123 - BK**			
Address	:	**100 IRVING AVENUE @ SUYDAM ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K123**
Program / Asset #	:	**BOE0431.000 / 1362**	**Yr Built/Renovated**	:	**1901 / 2009**
Area Sq Ft	:	**86,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**15-Feb-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3,4,Att**			
Block	:	**3203** **Lot** : **1**	**BIN**	:	**3251867**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$834,900	$175,000
Interior Architecture	$1,418,800	$3,283,800
Electrical		$967,900
Mechanical		$2,337,500
Total	**$2,253,700**	**$6,764,300**
Importance Code A	$834,900	$175,000
Importance Code B	$636,400	$6,589,200
Importance Code C	$782,400	
Total	**$2,253,700**	**$6,764,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,100			
Interior Architecture	$35,500		$5,800	$12,100
Electrical	$9,600	$8,000	$9,800	$8,800
Mechanical	$66,300	$15,800	$23,500	$20,700
Site Pavements	$29,600			
Total	**$202,100**	**$23,900**	**$39,000**	**$41,600**
Importance Code A	$69,600	$8,500	$8,500	$8,500
Importance Code B	$122,600	$15,300	$30,500	$33,100
Importance Code C	$9,900			
Total	**$202,100**	**$23,900**	**$39,000**	**$41,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$167,700	
Recent Repair Evident, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Masonry: Brick	85%	Now	$751,000	LIFE	* *	5	$91,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Front Entry, Chimney And Interior Courtyard								
Masonry: Limestone	5%			LIFE	* *	5	$8,000	
Recent Repair Evident, Extent : N/A, Area Affected : 95%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$39,800	2049	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Pre-Cast Concrete	5%	Now	$1,700	LIFE	* *	5	$2,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Front Entry								
No Component	95%							
Roof								
Modified Bitumen	25%			2038	* *	10	$7,900	
Synthetic Slate/Cedar	75%	Now	$15,500	2046	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 5%								
Location : Leaders By Play Yard								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$209,100	LIFE	* *	5	$26,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	Now	$17,300	2042	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2046	* *	5	$9,200	
Vinyl Tile	65%	Now	$110,300	2038	* *	3	$30,000	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Basement, B01, B03								
Vinyl Tile 9" X 9"	14%			2033	$3,036,800	3	$8,600	
Wood	1%			2061	* *	5	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,200	
Gypsum Board	2%	Now	$800	LIFE	* *	5	$1,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 463								
Masonry: Brick	10%	Now	$533,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 40%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Throughout Basement, Basement Classrooms								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Column Near Old Ash Hoist In Basement And Stairs No. 2 And 4								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement Classroom								
Explanation : Loose Units								
Plaster	73%	Now	$248,800	LIFE	* *	5	$30,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Room 401								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Corridor By Auditorium								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$3,500	
Ceilings								
Exposed Struc: Concrete	10%	Now	$185,300	LIFE	* *	5	$1,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Old Coal Bunker And Ceiling Below Stair In Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Old Coal Bunker And Boiler Room								
Fiber Board	10%			2033	$192,900			
Masonry: Vault Struct	10%			LIFE	* *	10	$6,200	
Plaster	70%	Now	$131,600	LIFE	* *	5	$54,100	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Corridors								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Music Room And Adjacent Classrooms And Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	55%			2053	* *			
Iron Picket	45%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$29,600	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : By Trash Dumpster								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	80%			2042	* *			
Cast in Place Concrete	20%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	30%			2049	* *	5	$700	
Molded Case Bkrs	60%			2032	$143,700	5	$1,400	
Wiring								
Thermoplastic	30%			2053	* *	1		
Thermoplastic	70%			2033	$204,200	1		
Motor Controllers								
Locally Mounted	50%			2031	$59,700	5	$300	
Locally Mounted	50%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$78,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	$72,200	10	$10,400	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2038	* *	1	$32,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$53,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detectors, Alarm Bells, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$85,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$13,800	2033	$688,700			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Sub-basement And Basement								
Terminal Devices								
Air Handler	10%			2028	$161,800	1	$5,300	
Convector/Radiator	70%			2031	$492,300	1	$19,400	
Fan Coil Unit/Heat	20%			2028	$426,400	1	$5,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2032	$162,900	1		
Window/Wall Unit	20%			2028	$65,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%	0-2	$3,800	2028	$38,100	2	$200	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Attic								
Roof	20%			2028	$33,400	2	$500	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$219,600	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Tankless Unit With Two 100 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Room 113								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$59,500	1-2	$1,200	
Chemical System								
Generic	100%			2028	$61,200	1-3	$60,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 15 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 123 - M**		
Address	: **301 WEST 140 STREET @ 8TH AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M123**
Program / Asset #	: **BOE0071.000 / 694**	**Yr Built/Renovated**	: **1959 / 2014**
Area Sq Ft	: **118,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2042** **Lot** : **35**	**BIN**	: **1060726**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$922,500	$1,684,200
Interior Architecture	$339,600	$3,303,100
Electrical		$1,342,600
Mechanical	$137,400	$4,525,100
Site Pavements	$104,900	
Total	**$1,504,300**	**$10,855,000**
Importance Code A	$922,500	$1,684,200
Importance Code B	$407,300	$9,170,800
Importance Code C	$174,500	
Total	**$1,504,300**	**$10,855,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$76,200		$19,800	
Interior Architecture	$246,700	$12,400	$1,700	$12,400
Electrical	$39,100	$11,000	$12,300	$14,200
Mechanical	$132,600	$17,900	$26,500	$16,700
Total	**$494,600**	**$41,300**	**$60,200**	**$43,200**
Importance Code A	$87,900	$11,700	$31,500	$11,700
Importance Code B	$326,600	$29,600	$28,700	$31,600
Importance Code C	$80,100			
Total	**$494,600**	**$41,300**	**$60,200**	**$43,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$69,400	
Masonry: Limestone	2%			LIFE	* *	5	$1,700	
Metal Panel	28%			2043	* *	5-10	$111,400	
Granite Panels	5%	Now	$35,600	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Window Wall	5%			2043	* *	5	$10,800	
Windows								
Aluminum	85%	Now	$514,000	2055	* *	5	$9,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Metal Louvers	15%			2036	* *	10	$19,800	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$102,800	
Repairs in Progress, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$10,000	
Roof								
Built-Up (BUR)	97%	Now	$320,600	2033	$1,603,200			
Blisters, Extent : Severe, Area Affected : 5%								
Location : Main Roof								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Roof								
Copper/Terne	2%			2048	* *	10	$7,100	
Skylight, Metal/Glass	1%			2043	* *	10	$4,700	
Interior								
Floors								
Carpet	15%			2034	* *	3	$37,100	
Cast in Place Concrete	10%			LIFE	* *	5	$72,200	
Ceramic Tile	2%			2036	* *	5	$3,300	
Ceramic Tile	3%			2048	* *	5	$5,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor And Basement								
Terrazzo	5%	2-4	$15,400	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Lobby								
Traffic Topping	5%	Now	$39,400	2033	$393,600	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Vinyl Tile	60%			2033	$2,734,400	3	$49,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	2-4	$114,400	2042	* *	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Boys Restroom								
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$13,900	
Glass Block	10%	2-4	$60,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Corridor								
Glass: Single Pane	2%			LIFE	* *	5	$5,200	
Glazed Ceramic Panel	5%			LIFE	* *	10	$7,800	
Masonry: Brick	5%			LIFE	* *	10	$2,600	
Plaster	45%			LIFE	* *	5-10	$66,300	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$17,300	
Ceilings								
AcousTile,Adhered	15%	0-2	$77,400	2038	* *	5	$12,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	10%	0-2	$25,800	2038	* *	5	$10,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$20,000	
Fiber Board	5%			2033	$125,000			
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Metal Panel	10%			LIFE	* *	5	$40,100	
Plaster	50%			LIFE	* *	5-10	$137,800	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$104,900	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	90%			2046	* *			
Cast in Place Concrete	10%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Rubber Matting	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	70%			2033	$170,600	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	70%			2032	$167,600	5	$2,200	
Molded Case Bkrs	25%			2049	* *	5	$800	
Wiring								
Braided Cloth	60%			2032	$205,100	1		
Thermoplastic	40%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$106,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2038	* *	10	$1,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%	Now	$23,800	2038	* *			
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Exit, Battery	50%			2038	* *	10	$4,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2038	* *	10		
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,500	
Alarm								
Security System								
Generic	100%			2033	$221,500	1	$44,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	95%			2028	$289,200	1-3	$71,200	
Generic, Digital	5%			2038	* *	1-3	$3,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Carbon Monoxide Detection System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$116,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Air Handler	30%			2033	$666,200	1	$21,900	
Convector/Radiator	70%			2038	* *	1	$26,700	
Controls								
Digital	100%			2031	$3,389,000			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	2%			2038	* *			
Window/Wall Unit	60%			2028	$268,200	1		
Window/Wall Unit	10%	2-4	$44,700	2033	$44,700	1		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Classrooms								
No Component	28%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,200	
Exhaust Fans								
Interior	30%	Now	$3,100	2033	$157,000	2	$900	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Auditorium Unit								
Roof	60%	4+	$137,400	2043	* *	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Roof	10%			2038	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2038	* *	1		
Sanitary Piping								
Cast Iron	100%	Now	$29,700	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement Near Domestic Hot Water Heater								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$23,600	4	$3,700	
Fixtures								
Generic	100%							
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallon Unit. Quantity 1								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$49,000	1-2	$1,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 123 - Q**		
Address	: **145-01 119TH AVE. BTWN: INWOOD ST., 145 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q123**
Program / Asset #	: **BOE0772.000 / 2533**	**Yr Built/Renovated**	: **1928 / 2011**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12019** **Lot** : **10**	**BIN**	: **4260828**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$352,200	$51,400
Interior Architecture	$541,100	$1,830,100
Electrical	$385,000	$705,300
Mechanical	$1,677,100	$1,393,900
Total	**$2,955,400**	**$3,980,700**
Importance Code A	$352,200	$82,200
Importance Code B	$2,464,000	$3,826,200
Importance Code C	$139,200	$72,300
Total	**$2,955,400**	**$3,980,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,500	$15,900	$14,400	
Interior Architecture	$11,500			$11,500
Electrical	$8,900	$17,300	$3,400	$3,100
Mechanical	$39,400	$16,000	$24,000	$17,100
Site Enclosure	$17,700			
Site Pavements	$4,000			
Total	**$88,100**	**$49,100**	**$41,800**	**$31,700**
Importance Code A	$17,300	$26,900	$25,200	$10,800
Importance Code B	$49,100	$22,200	$16,600	$20,900
Importance Code C	$21,700			
Total	**$88,100**	**$49,100**	**$41,800**	**$31,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%	Now	$211,600	LIFE	* *	5	$51,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Masonry: Limestone	2%	4+	$6,500	LIFE	* *	5	$800	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$28,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Classroom Window								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 103, 253								
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$9,400	
Masonry: Brick Cavity	30%			LIFE	* *	5	$4,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	95%	Now	$140,600	2035	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 319								
Copper/Terne	5%			2045	* *	10	$15,900	
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$8,400	
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	35%			2030	$1,624,000	3	$29,400	
Vinyl Tile 9" X 9"	20%	Now	$296,400	2040	* *	3	$12,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Cafeteria, Auditorium, Room 103								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Cafeteria, Auditorium, Room 103								
Wood	35%			2045	* *	5	$110,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%	Now	$36,600	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Bulkheads								
Plaster	70%	Now	$102,600	LIFE	* *	5	$63,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Exit 9 And 8 At Back Of Auditorium								
Ceilings								
AcousTileConcealSpLn	10%			2043	* *	5	$21,000	
Exposed Struc: Concrete	10%	Now	$50,300	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Roof Stair								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Basement								
Metal Panel	5%			LIFE	* *	5	$10,500	
Plaster	75%			LIFE	* *	5	$78,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 317, 319, Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%	4+	$17,700	2065	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$4,000	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	80%			2043	* *			
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2030	$30,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2030	$156,100	5	$300	
Fused Disc Sw	40%			2050	* *	5	$200	
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	3%			2046	* *	5	$100	
Fused Disc Sw	7%			2029	$16,800	5	$200	
Fused Knife Sw	2%	2-4	$4,800	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2046	* *	5	$600	
Molded Case Bkrs	68%			2029	$162,900	5	$2,000	
Wiring								
Braided Cloth	70%	2-4	$239,300	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$600	
Locally Mounted	20%			2028	$36,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$94,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	6%			2038	* *	10	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : Compact Fluorescent Light								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$13,200	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	100%			2038	* *			
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$61,400	1	$12,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$84,300	1-3	$20,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$108,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$17,500	2030	$872,900			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Areas								

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DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%	0-2	$4,100	2025	$205,100	1	$6,100	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Due To The Bearing Of The Unit For Cafeteria And Basement.								
Air Handler	20%			2025	$410,200	1	$13,500	
Convector/Radiator	50%			2028	$445,700	1	$17,600	
Fan Coil Unit/Heat	5%	0-2	$2,700	2025	$135,100	1	$1,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Motors, Various Locations								
Fan Coil Unit/Heat	15%			2025	$405,400	1	$5,300	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2025	$61,900	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,800	
Exhaust Fans								
Interior	5%	0-2	$500	2025	$24,200	2	$100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : The Bearings, Basement								
Interior	90%			2025	$435,100	2	$3,000	
Roof	5%			2030	$10,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 1,000 Gallon Condemned Unit Still Remains In Place								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$75,400	1-2	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 124 - BK**		
Address	: **515 4TH AVENUE @13TH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K124**
Program / Asset #	: **BOE0432.000 / 1363**	**Yr Built/Renovated**	: **1900 / 2008**
Area Sq Ft	: **33,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1034** **Lot** : **1**	**BIN**	: **3023391**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$57,600	
Interior Architecture	$2,391,400	
Electrical		$355,800
Mechanical	$471,200	$758,600
Total	**$2,920,200**	**$1,114,400**
Importance Code A	$57,600	
Importance Code B	$2,809,500	$1,114,400
Importance Code C	$53,100	
Total	**$2,920,200**	**$1,114,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$85,200		$17,100	
Interior Architecture	$202,000		$2,700	$6,000
Electrical	$900	$700	$90,300	$600
Mechanical	$10,100	$4,500	$21,400	$4,900
Site Enclosure	$41,200			
Site Pavements	$33,400			
Total	**$372,800**	**$5,300**	**$131,500**	**$11,500**
Importance Code A	$88,500	$3,300	$20,500	$3,300
Importance Code B	$264,500	$2,000	$111,000	$8,200
Importance Code C	$19,900			
Total	**$372,800**	**$5,300**	**$131,500**	**$11,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - BK

Asset # : 1363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	$57,600	LIFE	* *	5	$35,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 302b								
Masonry: Limestone	10%	Now	$42,400	LIFE	* *	5	$4,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cheek Walls								
Stucco Cement	25%			2036	* *	5	$33,600	
Windows								
Aluminum	100%	0-2	$29,100	2039	* *	5	$6,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$3,100	
Metal Panel	5%			2041	* *	5	$600	
Roof								
Modified Bitumen	100%	Now	$13,800	2039	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 304c								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,800	
Mosaic Tile	5%	Now	$24,900	2036	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	10%	Now	$43,900	2041	* *	3	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile	55%			2036	* *	3	$14,600	
Vinyl Tile 9" X 9"	25%	Now	$46,800	2026	$2,338,300	3	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 124 - BK

Asset # : 1363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	10%	Now	$18,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	90%	Now	$53,100	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$5,300	
Embossed Metal	5%	0-2	$16,000	LIFE	* *	5	$1,200	
Deformed/Dented, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Plaster	70%			LIFE	* *	5	$23,200	
Plaster	15%	0-2	$48,400	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Mechanical Rooms And Other Areas Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2041	* *			
Iron Picket	15%			2051	* *			
Retaining Walls								
Masonry: Brick	15%			2041	* *			
Masonry: Fieldstone	85%	0-2	$41,200	2041	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Stair Cheek wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$20,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$1,400	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	85%	0-2	$11,500	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Schoolyard								
Rubber Matting	15%			2031	$48,000			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 124 - BK

Asset # : 1363

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$22,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Inside Multipurpose Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$130,000	5	$100	
Raceway								
Conduit	70%			2031	$42,900	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Toggle Switch	1%			2030	$1,000	5		
Molded Case Bkrs	70%			2039	* *	5	$600	
Molded Case Bkrs	29%			2030	$28,900	5	$300	
Wiring								
Braided Cloth	40%			2030	$30,900	1		
Thermoplastic	50%			2031	$38,600	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$28,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2036	* *	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	5%			2031	$1,000	1		
Emergency, Battery	45%			2026	$24,900	10	$3,600	
Exit, Battery	50%			2036	* *	10	$1,100	
Exterior Lighting								
HID	100%			2031	$154,000	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$12,400	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$17,000	1-3	$4,100	

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DEPARTMENT OF EDUCATION - 040
P. S. 124 - BK
Asset # : 1363

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Oil Tanks Of 4,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$32,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Boiler Units; Lead/lag Controller Operating Boiler Installed In 2020								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$371,200	2041	* *	4	$1,600	
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Two Steam Condensate Return Pumping System Controls Defective In Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Two Boiler Feedwater Pumps And One Condensate Pump Leaking In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout Basement								
Terminal Devices								
Convector/Radiator	90%			2029	$242,900	1	$9,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2031	$81,800	1	$1,100	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	2%			2031	$15,700			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Distribution Frame Room								
Explanation : Two Existing Split Units Serving Main Distribution Frame Room								
Window/Wall Unit	80%			2026	$100,000	1		
No Component	10%							
Under Construction	8%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Cafeteria								
Explanation : Five Split Air Conditioning Units To Serve Cafeteria In Future.								
Ventilation								
Exhaust Fans								
Interior	95%			2031	$139,000	2	$1,000	
Roof	5%	Now	$3,200	2041	* *	2		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Roof								

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DEPARTMENT OF EDUCATION - 040

P. S. 124 - BK

Asset # : 1363

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	30%	Now	$2,500	2051	* *	1		
Pump(s) Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Basement								
Galvanized Steel	70%			2029	$294,900	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 225 Gallons Gas-fired Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$6,600	4	$700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 124 - M (ECF)**			
Address	:	**40 DIVISION STREET @ MANHATTAN BRIDGE**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M124**
Program / Asset #	:	**BOE0072.000 / 164**	**Yr Built/Renovated**	:	**1976 / 2012**
Area Sq Ft	:	**93,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**27-Apr-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3**			
Block	:	**289** **Lot** : **1**	**BIN**	:	**1075787**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,129,600	$231,400
Interior Architecture	$149,900	$1,624,600
Electrical		$1,859,600
Mechanical	$68,600	$3,494,200
Total	**$2,348,100**	**$7,209,800**
Importance Code A	$2,129,600	$231,400
Importance Code B	$164,400	$6,978,400
Importance Code C	$54,100	
Total	**$2,348,100**	**$7,209,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,400		$3,600	
Interior Architecture	$128,700		$6,300	$9,500
Electrical	$25,600	$8,700	$9,800	$11,500
Mechanical	$93,400	$28,900	$31,600	$22,800
Site Enclosure	$56,900			
Site Pavements	$90,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$407,300**	**$41,500**	**$55,300**	**$47,700**
Importance Code A	$49,000	$9,200	$12,900	$9,200
Importance Code B	$227,200	$32,300	$42,400	$38,500
Importance Code C	$131,200			
Total	**$407,300**	**$41,500**	**$55,300**	**$47,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	97%	0-2	$131,500	LIFE	* *	5	$75,500	
Graffiti, Extent : Light, Area Affected : 5%								
Location : East Side								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Coiling Doors	3%			2046	* *	5	$7,300	
Windows								
Metal Louvers	2%			2042	* *	10	$3,200	
Steel	98%	Now	$1,875,600	2058	* *	5	$156,000	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$75,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,300	
Roof								
Modified Bitumen	100%	Now	$58,300	2038	* *			
Blisters, Extent : Light, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Classrooms								
Soffits								
Stucco Cement	100%	Now	$4,800	2046	* *	5	$7,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : South Side								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Ceramic Tile	5%			2042	* *	5	$4,200	
Quarry Tile	5%			2046	* *	5	$6,300	
Sheet Vinyl/Rubber	5%			2041	* *	5	$6,300	
Terrazzo	10%	4+	$15,700	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Vinyl Tile	70%	Now	$32,500	2033	$1,624,600	3	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	15%	Now	$54,100	2042	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Hall By Principal Office								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,200	
Folding Partition	3%			2049	* *	5	$4,900	
Glass: Single Pane	5%			LIFE	* *	5	$4,900	
Gypsum Board	47%			LIFE	* *	5-10	$52,400	
Metal Panel	10%			LIFE	* *	10	$3,000	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$3,300	
Ceilings								
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$21,000	
Metal Panel	5%			LIFE	* *	5	$10,500	
Plaster	75%	Now	$95,800	LIFE	* *	5	$39,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	75%	2-4	$35,100	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Iron Picket	25%	2-4	$6,400	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	Now	$15,500	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$22,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Division Street								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Division Street								
On-Site Walkways								
Asphalt	75%	2-4	$3,100	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	25%	Now	$1,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Parking/Driveway								
Asphalt	100%	4+	$21,800	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	75%	Now	$23,200	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	25%	Now	$18,300	2038	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : West Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 2,000 Ampere And One 1,600 Ampere Main Disconnect Switches								
Transformers								
Dry Type	75%			2031	$20,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 750 Kilovolt Ampere, 480/277 High Voltage - 208/120 Low Voltage								
Dry Type	25%			2038	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 75 Kilovolt Amperes, 480/277 High Voltage - 208/120 Low Voltage								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$204,800	5	$400	
Fused Disc Sw	10%			2043	* *	5		
Raceway								
Conduit	95%			2033	$191,700	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	3%			2041	* *	5	$100	
Fused Disc Sw	7%			2032	$16,800	5	$200	
Molded Case Bkrs	85%			2032	$203,600	5	$2,100	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Thermoplastic	90%			2033	$262,600	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2031	$47,800	5	$300	
Motor Control Center	60%			2031	$177,200	5	$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	82%			2038	* *	10	$69,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2028	$41,600	10	$2,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 1st Floor Lobby								
Incandescent	5%			2028	$128,800	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Elevator Lobbies								
Explanation : Halogen Bulbs								
LED	10%			2038	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Gymnasium And Auditorium								
Explanation : LED Light Fixtures								
Egress Lighting								
Emergency, Battery	50%			2028	$78,100	10	$11,200	
Exit, Service	50%			2028	$20,100	1		
Exterior Lighting								
HID	20%			2028	$86,800	10	$100	
LED	5%			2041	* *			
No Component	75%							
Alarm								
Security System								
Generic	50%			2033	$87,300	1	$17,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Generic	50%			2033	$87,300	1	$17,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$239,900	1-3	$59,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Two 7500 Gallons Oil Tanks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$40,500	2038	* *	1	$82,900	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Bottom Of The Boilers								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Bottom Of The Boilers								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Sub-basement, 1 Of 2 Defective Boiler Burners								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two No. 2 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	5%	0-2	$4,400	2028	$87,500	1	$2,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Leaks, 2nd Floor Motor Room								
Air Handler	15%			2028	$262,500	1	$8,600	
Convector/Radiator	60%			2031	$456,300	1	$18,000	
Fan Coil Unit/Heat	20%			2028	$461,200	1	$6,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2028	$274,400	1	$8,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Reciprocating Compr/Chiller	10%	0-2	$68,600	2043	* *	1	$3,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Fan Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Defective Old Unit, 2nd Floor Fan Room								
Split Unit	10%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units, Cafeteria								
Window/Wall Unit	45%			2032	$158,500	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2043	* *	4	$1,400	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	20%			2028	$306,800	1	$11,500	
Fan Coil - 2 Pipe	10%			2038	* *	1	$3,000	
Fan Coil - 4 Pipe	10%			2028	$300,700	1	$3,000	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$6,500	
Dry Cooler	30%			2028	$108,800	2	$19,400	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,100	
Exhaust Fans								
Interior	20%			2028	$82,500	2	$600	
Roof	60%			2033	$108,300	2	$1,700	
Roof	20%			2041	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$237,500	1		
Water Heater With Tanks								
Electric	100%	0-2	$1,400	2031	$70,900	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement								
Explanation : Two 80 Gallon Units. Wrong Piping Connection.								
HW Heat Exchanger								
Steam Fired	100%			2033	$449,700	4	$13,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Unit Used Only For Domestic Hot Water Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%			2033	$9,300	4	$1,500	
Non-Submersible	50%			2041	* *	4	$1,500	
Sewage Ejector(s)								
Electric	100%			2033	$48,700	4	$5,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To Third Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$46,900	
Sprinkler								
No Component	90%							
Generic	10%			2033	$128,600	1-2	$2,600	
Chemical System								
Wet	100%			2028	$20,400	1-3	$23,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covering 5 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 124 - Q**		
Address	: **129-15 150 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q124**
Program / Asset #	: **BOE0965.000 / 1182**	**Yr Built/Renovated**	: **1927 / 2014**
Area Sq Ft	: **98,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **11882** **Lot** : **1**	**BIN**	: **4257530**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$379,900	$54,500
Interior Architecture	$523,000	$1,150,000
Electrical	$283,100	$919,500
Mechanical	$1,016,200	$3,810,100
Site Pavements	$114,700	
Total	**$2,316,700**	**$5,934,100**
Importance Code A	$379,900	$54,500
Importance Code B	$1,735,800	$5,879,600
Importance Code C	$201,000	
Total	**$2,316,700**	**$5,934,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,100	$40,300	$12,700	$6,300
Interior Architecture	$30,200	$39,600	$1,100	$1,600
Electrical	$11,000	$55,500	$9,900	$10,100
Mechanical	$75,200	$65,900	$34,900	$27,500
Site Enclosure	$15,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$163,200**	**$205,300**	**$62,600**	**$49,400**
Importance Code A	$36,800	$50,200	$22,400	$16,000
Importance Code B	$112,100	$155,100	$40,100	$33,400
Importance Code C	$14,300			
Total	**$163,200**	**$205,300**	**$62,600**	**$49,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	0-2	$224,300	LIFE	* *	5	$54,500	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Connection Wall At Room 409 Off 129th Street								
Masonry: Brick Cavity	20%	4+	$27,100	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Inside Wall Of Kitchen Wall Facing 129th Street								
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Pre-Cast Concrete	3%			LIFE	* *	5	$7,600	
Window Wall	2%			2050	* *	5	$5,800	
Windows								
Aluminum	100%			2046	* *	5	$25,500	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$6,900	
Masonry: Brick Cavity	28%			LIFE	* *	5	$3,200	
Metal Rail	5%			2047	* *	5-10	$10,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,500	
Roof								
Built-Up (BUR)	25%	Now	$155,600	2040	* *			
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Lower Off 2nd Floor Corridors, All 2nd Floor Classrooms								
Copper/Terne	5%			2058	* *	10	$6,700	
IRMA/Protected Membrane	65%			2035	* *	10	$34,700	
Modified Bitumen	5%			2035	* *	10	$2,700	
Soffits								
Cement - Fiber Panel	100%			2035	* *	10		
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$4,200	
Quarry Tile	3%			2043	* *	5	$3,800	
Quarry Tile	5%			2043	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$3,300	
Traffic Topping	20%			2030	$801,800	5	$21,000	
Vinyl Tile	15%			2030	$348,100	3	$6,300	
Vinyl Tile	10%			2035	* *	3	$3,200	
Wood	37%			2045	* *	5	$58,300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	4+	$2,200	2039	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Concrete Masonry Unit	13%			LIFE	* *	5	$3,400	
Gypsum Board	7%			LIFE	* *	5	$2,800	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	63%	4+	$201,000	LIFE	* *	5	$12,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Rooms 409, 453, Gymnasium, 260, 253 And 2nd Floor Corridor								
SGFT/Glazed Masonry	6%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%	4+	$6,800	2035	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 4th Floor Corridor								
AcousTileSusp.Lay-In	30%			2043	* *	5	$25,200	
Gypsum Board	2%	Now	$17,600	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Kitchen Storage								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Kitchen Storage								
Plaster	63%	Now	$322,000	LIFE	* *	5	$33,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Rooms 409, 453, Gymnasium, 206, 253								
Site Enclosure								
Fence/Gates								
Chain Link	45%			2050	* *			
Iron Picket	55%	4+	$12,100	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	4+	$3,600	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Side Entry Gate On 130th Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$114,700	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 150th Street And 130th Street								
On-Site Walkways								
Asphalt	60%			2033				
Cast in Place Concrete	40%			2043	* *			
Activity Yard								
Asphalt	98%			2039	* *			
Traffic Topping	2%			2035	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 124 - Q
Asset # : 1182

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2030	$113,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Fused Disc Sw	35%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Molded Case Bkrs	15%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Raceway								
Conduit	80%			2030	$161,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	60%			2029	$143,700	5	$1,500	
Molded Case Bkrs	30%			2046	* *	5	$800	
Wiring								
Braided Cloth	50%	2-4	$145,900	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing Of The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2030	$58,300	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$83,600	5	$500	
Locally Mounted	30%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$30,200	
Generators								
Diesel	100%			2033	$138,700	1	$38,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 300 Kilowatts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$3,600	
Fuel Storage								
Day Tank	20%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	1%			2038	* *	10	$900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	98%			2038	* *	10	$88,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2035	* *	1		
Emergency, Service	40%			2025	$24,100	1		
Exit, Service	10%			2035	* *	1		
Exit, Service	40%			2025	$16,900	1		
Exterior Lighting								
HID	30%			2025	$137,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$55,200	1	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry And Exit Doors								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$75,800	1-3	$18,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$30,400	
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$97,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Of The School.								
Explanation : One Temporary Unit Being Used.								
Distribution								
Steam Piping/Pump	100%	0-2	$39,200	2030	$784,800			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2025	$184,400	1	$6,100	
Air Handler	10%			2035	* *	1	$6,100	
Convector/Radiator	40%			2028	$320,500	1	$12,700	
Fan Coil Unit/Heat	40%			2030	$971,900	1	$12,700	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	35%			2025	$506,000	1	$15,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Reciprocating Compr/Chiller	35%			2035	* *	1	$15,900	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
No Component	30%							
Distribution								
CW & CHW Wtr Pipe/Pump	70%			2040	* *	4	$5,100	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2030	$332,800	1	$15,200	
Fan Coil - 4 Pipe	45%			2030	$1,174,200	1	$14,200	
No Component	30%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2030	$49,700	2	$17,100	
Air Cooled Condenser Unit	45%			2025	$89,400	2	$30,700	
No Component	30%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$8,600	LIFE	* *	2-5	$5,500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$49,200	
Exhaust Fans								
Interior	50%			2025	$217,300	2	$1,500	
Interior	20%			2030	$86,900	2	$600	
Roof	20%			2030	$38,000	2	$600	
Roof	10%			2025	$19,000	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	40%	0-2	$700	2029	$6,800	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Explanation : Not Insulated. 1 Condemn Unit Remains In Place.								
Gas Fired	60%			2029	$10,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$19,600	4	$3,100	
Sewage Ejector(s)								
Electric	100%			2030	$51,300	4	$3,900	
Backflow Preventer								
Generic	100%			2035	* *	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2050	* *	1-5	$9,900	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Staircase Of New Wing								
Explanation : New Wing Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2050	* *	1-2	$5,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout New Wing								
Explanation : New Wing Only								
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Sets								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 125 - M**		
Address	: **425 WEST 123 STREET BTWN: MORNINGSIDE AVE.,AMSTERDAM**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M125**
Program / Asset #	: **BOE0073.000 / 695**	**Yr Built/Renovated**	: **1925 / 2011**
Area Sq Ft	: **134,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,5,6**		
Block	: **1964** **Lot** : **12**	**BIN**	: **1059526**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,594,000	$172,400
Interior Architecture	$550,500	$4,832,000
Electrical	$1,172,000	$611,900
Mechanical	$1,436,300	$3,707,700
Site Pavements		$188,800
Total	**$4,752,800**	**$9,512,900**
Importance Code A	$2,294,800	$172,400
Importance Code B	$2,022,200	$9,257,300
Importance Code C	$435,900	$83,100
Total	**$4,752,800**	**$9,512,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,200			
Interior Architecture	$138,700	$5,100	$187,100	$14,100
Electrical	$35,800	$22,600	$8,000	$6,400
Mechanical	$90,600	$63,200	$38,000	$23,200
Site Pavements	$9,500			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$309,500**	**$105,800**	**$247,900**	**$58,500**
Importance Code A	$20,200	$13,300	$13,600	$13,300
Importance Code B	$289,300	$92,500	$234,400	$45,300
Total	**$309,500**	**$105,800**	**$247,900**	**$58,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%	Now	$709,800	LIFE	* *	5	$172,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Support Angles								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 75%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : North And West Facades								
Masonry: Fieldstone	5%	Now	$100,100	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Side								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : West Side Into Basement								
Masonry: Limestone	5%			LIFE	* *	5	$7,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Roof Coping Stone								
Stucco Cement	2%	0-2	$4,400	2035	* *	5	$4,900	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : West Side								
Windows								
Aluminum	95%	Now	$133,600	2046	* *	5	$14,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : 6th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 6th Floor								
Metal Clad	5%	Now	$73,900	2055	* *	5	$4,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : Pool Area								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Pool Area								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$16,600	
Masonry: Limestone	20%	Now	$103,100	LIFE	* *	5	$5,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : At West Side Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : At West Side Coping								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 421, 423								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	20%	Now	$15,800	2035	* *			
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : West Side								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Pool								
Skylight, Metal/Glass	15%	Now	$112,200	2040	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Over Pool								
Slate	65%	Now	$361,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2026	$182,000	3	$15,400	
Cast in Place Concrete	5%	Now	$17,500	LIFE	* *	5	$22,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Room Below Stage								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Room Below Stage								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Room Below Stage								
Explanation : This Room Contains Vacuum Condensate Return Line								
Ceramic Tile	8%	0-2	$18,600	2039	* *	5	$8,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Staff Toilets Throughout								
Mosaic Tile	5%	Now	$48,300	2035	* *	5	$12,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Around Pool								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Around Pool								
Marble Panels	2%	0-2	$18,100	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Terrazzo	15%	2-4	$57,700	LIFE	* *	5	$24,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Stairwell Landings, Corridors								
Vinyl Tile	50%	Now	$56,900	2030	$2,842,700	3	$38,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor								
Vinyl Tile 9" X 9"	5%	Now	$36,300	2030	$1,816,100	3	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 4th Floor								
Wood	5%			2058	* *	5	$19,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$301,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Exterior Pool Wall								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Exterior Pool Wall, Behind Auditorium Stage								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	10%			LIFE	* *			
Plaster	70%	Now	$134,900	LIFE	* *	5	$83,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd, 3rd Floor, Throughout								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd, 3rd Floor, Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%			2035	* *	5	$10,300	
Embossed Metal	2%			LIFE	* *	5	$1,900	
Exposed Struc: Concrete	21%			LIFE	* *	5	$6,800	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	66%			LIFE	* *	5	$84,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Throughout								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Throughout								
Plaster	4%			LIFE	* *	5	$5,100	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Premium								
Site Enclosure								
Fence/Gates								
Chain Link	95%			2050	* *			
Iron Picket	5%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$5,700	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%	4+	$3,800	2033	$188,800			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2056	* *	5	$400	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Electrical Room, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room, Basement								
Explanation : There Is A 2,500 Ampere Main Disconnect Switch In Good Condition.								
Fused Disc Sw	30%			2056	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : There Is A 600 Ampere Main Disconnect For Emergency Which Is In Good Condition.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2056	* *	5	$500	
Fused Disc Sw	15%			2030	$43,900	5	$100	
Fused Knife Sw	5%	Now	$14,600	2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Exposed Copper Distribution Equipment.								
Raceway								
Conduit	70%			2030	$202,200	1		
Conduit	30%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Fused Knife Sw	5%	0-2	$15,000	2055	* *	5	$100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Fused Toggle Switch	65%	2-4	$194,600	2055	* *	5	$1,000	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2052	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$239,700	2055	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2030	$79,900	1		
Thermoplastic	20%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$104,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : New T-8 Type Lighting System Installed About 2 Years Ago.								
LED	15%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$112,500	10	$16,200	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2025	$625,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$15,000	
Fire/Smoke Detection								
No Component	40%							
Generic, Digital	60%			2038	* *	1-3	$49,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$41,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 12,000 Gallon Tank For No 4 Fuel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	33%	0-2	$231,300	2050	* *	1	$39,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3- No 4 Oil Burning Steam Boilers From 1925								
Steam Boiler	67%	Now	$469,500	2050	* *	1	$80,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, 2 Of 3 Boilers From 1925								
Distribution								
Steam Piping/Pump	85%			2030	$912,100			
Steam Piping/Pump	5%	Now	$32,200	2060	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Boiler Room And Pool Equipment Room								
Steam Piping/Pump	10%	Now	$64,400	2060	* *			
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boiler Room Oil Valve Module And Safety Valve								
Terminal Devices								
Air Handler	25%			2030	$630,400	1	$20,700	
Convector/Radiator	75%			2028	$821,800	1	$32,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2029	$265,100	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2028	$218,300	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6th Floor Interior Units								
Ext Pkg Unit - Heating/Cooling	25%			2030	$562,800	2	$2,100	
Abandoned in Place, Extent : Light, Area Affected : 30%								
Location : Steam Coils In Rooftop Unit								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	2%			2025	$63,600			
Window/Wall Unit	35%	0-2	$17,800	2025	$177,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Multiple Mechanical And Or Electrical Defects								
No Component	28%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%	Now	$118,900	2030	$297,200	2	$1,600	
Broken, Extent : Severe, Area Affected : 50%								
Location : House Fan								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	10%			2025	$1,700	2		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : For Kitchen								
No Component	90%							
HW Heat Exchanger								
Steam Fired	100%	4+	$194,400	2060	* *	4	$13,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$84,400	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$23,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	4+	$26,800	2040	* *	4	$2,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Pool Filter/Treatment								
Sand	100%	Now	$11,000	2035	* *	4	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Pool Equipment Room								
Explanation : Pool Drains Clogged								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	66%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 6th Floor								
Explanation : 2 Units								
Hydraulic	34%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$67,600	
Sprinkler								
No Component	65%							
Generic	35%			2050	* *	1-2	$13,100	
Fire Pump								
No Component	50%							
Generic	50%			2039	* *	1	$12,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 126 - M**		
Address	: **80 CATHERINE STREET @ CHERRY ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M126**
Program / Asset #	: **BOE0074.000 / 1697**	**Yr Built/Renovated**	: **1966 / 2009**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **111** **Lot** : **160**	**BIN**	: **1083357**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,734,400	$822,400
Interior Architecture	$650,300	$21,536,500
Electrical	$204,200	$1,452,000
Mechanical	$490,700	$812,600
Total	**$3,079,600**	**$24,623,500**
Importance Code A	$1,734,400	$822,400
Importance Code B	$907,100	$23,801,100
Importance Code C	$438,200	
Total	**$3,079,600**	**$24,623,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,600		$6,000	
Interior Architecture	$157,200			$15,300
Electrical	$33,800	$8,200	$8,600	$10,900
Mechanical	$31,900	$3,600	$13,300	$6,300
Site Enclosure	$6,900			
Total	**$253,500**	**$11,900**	**$27,900**	**$32,500**
Importance Code A	$23,600		$8,700	
Importance Code B	$143,500	$11,900	$19,300	$32,500
Importance Code C	$86,400			
Total	**$253,500**	**$11,900**	**$27,900**	**$32,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$113,600	LIFE	* *	5	$47,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick Cavity	85%	4+	$140,600	LIFE	* *	5	$80,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Courtyard Facade Missing Flashing								
Metal Panel	5%			2053	* *	5-10	$32,600	
Windows								
Aluminum	100%	Now	$1,395,100	2058	* *	5	$14,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$36,200	
Masonry: Brick Cavity	83%			LIFE	* *	5-10	$99,500	
Painted Surfaces, Extent : Moderate, Area Affected : 75%								
Location : Interior Face								
Metal Rail	2%			2046	* *	5-10	$6,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,000	
Roof								
Built-Up (BUR)	98%			2033	$683,200	10	$58,500	
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Gymnasium Roof								
Metal Panel	2%			2046	* *	10	$2,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$17,800	
Ceramic Tile	3%	Now	$22,900	2036	* *	5	$2,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Toilets								
Terrazzo	2%	Now	$50,700	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Entrance Lobby Stairs								
Vinyl Tile 9" X 9"	90%			2028	$21,536,500	3	$61,000	
Wood	2%			2068	* *	5	$5,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$29,000	2036	* *	5	$2,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	12%			LIFE	* *	5	$10,100	
Folding Partition	3%	Now	$438,200	2058	* *	5	$4,000	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
Plaster	60%			LIFE	* *	5-10	$53,800	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$10,500	
Ceilings								
AcousTile,Adhered	20%	0-2	$87,300	2038	* *	5	$13,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	10%			2038	* *	5	$16,900	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$25,400	
Metal Panel	5%			LIFE	* *	5	$16,900	
Plaster	50%			LIFE	* *	5-10	$116,500	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2053	* *			
Iron Picket	70%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	50%	Now	$4,800	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								
Masonry: Brick	50%	Now	$2,100	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Side Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	25%			2046	* *			
Pavers/Stone	15%			2042	* *			
Pavers/Stone	60%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	95%			2033	$191,700	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Toggle Switch	5%	2-4	$12,000	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	90%			2032	$215,500	5	$2,100	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2043	* *	1		
Thermoplastic	25%			2033	$72,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$72,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$4,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library, Lobby, Bathrooms								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$73,900	10	$10,600	
Exit, Service	50%			2028	$19,000	1		
Exterior Lighting								
HID	20%			2028	$82,100	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$165,200	1	$32,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$227,000	1-3	$55,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2036	* *	5	$5,200	
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$247,500	2043	* *	4	$4,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Steam Leaking Both Supply And Return								
Terminal Devices								
Air Handler	20%	4+	$132,500	2033	$331,200	1	$9,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Mechanical Equipment Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Mechanical Equipment Room								
Explanation : Air Handling Equipment Approaching End Of Useful Life								
Convector/Radiator	80%			2038	* *	1	$22,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2031	$266,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2033	$78,100	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Mechanical Equipment Room, The Auditorium And Lunch Room Exhaust Fans Approaching End Of Useful Life Cycle								
Roof	80%	0-2	$54,600	2033	$136,600	2	$1,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof. Three Rooftop Exhaust Fans Are Not Working								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, The Rooftop Exhaust Fans Are Approaching End Of Useful Life								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$56,200	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Water Main, Basement								
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$2,700	4	$2,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 126 (ECF) - BX**				
Address	: **175 WEST 166 STREET @ OGDEN AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X126**
Program / Asset #	: **BOE0265.000 / 395**			**Yr Built/Renovated**	: **1972 / 2007**
Area Sq Ft	: **88,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **25-Oct-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**				
Block	: **2526**	**Lot**	: **83**	**BIN**	: **2003495**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,258,000	$60,700
Interior Architecture	$719,400	$58,400
Electrical	$14,800	$972,100
Mechanical	$792,800	$3,842,700
Site Pavements	$79,800	
Total	**$2,864,800**	**$4,933,900**
Importance Code A	$1,258,000	$60,700
Importance Code B	$1,250,400	$4,873,300
Importance Code C	$356,400	
Total	**$2,864,800**	**$4,933,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$115,400			$500
Interior Architecture	$55,800			$13,200
Electrical	$49,900	$2,700	$89,200	$2,100
Mechanical	$60,200	$12,100	$33,100	$19,400
Site Enclosure	$47,100			
Site Pavements	$41,300			
Total	**$369,600**	**$14,800**	**$122,300**	**$35,200**
Importance Code A	$153,900	$8,700	$8,900	$9,200
Importance Code B	$180,200	$6,100	$113,400	$26,000
Importance Code C	$35,500			
Total	**$369,600**	**$14,800**	**$122,300**	**$35,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 (ECF) - BX

Asset # : 395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$42,700	LIFE	* *	5	$17,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout Repaired Structural Columns								
Vertical Cracks, Extent : Severe, Area Affected : 50%								
Location : Structural Columns At Kitchen Building								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Structural Columns In Kitchen Building, Gymnasium, Cafeteria, And Auditorium Building								
Explanation : Cracks Not Addressed At Previous Repair								
Cast in Place Concrete	5%	4+	$10,700	LIFE	* *	5	$17,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Horizontal Structural Beams								
Concrete Masonry Unit	5%	Now	$19,100	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Main Entry Side Walls At Light Fixture								
Staining/Discoloring, Extent : Severe, Area Affected : 30%								
Location : Entry Facade								
Masonry: Brick Cavity	85%	4+	$264,300	LIFE	* *	5	$60,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Above Exit 2, Auditorium And At Perimeter Base Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Above Exit 2, Gymnasium, Cafeteria And Auditorium Building								
Windows								
Aluminum	100%	Now	$97,700	2039	* *	5	$8,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Not All Window Counter Weight Balances Were Repaired								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles								
Parapets								
Cast Stone/Terra Cotta	10%	4+	$15,500	LIFE	* *	5	$6,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 75%								
Location : All Parapet Copping Stones								
Masonry: Brick Cavity	55%	4+	$9,400	LIFE	* *	5	$4,700	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Roof								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium, Cafeteria, Auditorium Roof And Kitchen Roof								
Metal Panel	3%			2057	* *	5	$1,000	
Metal Rail	32%			2048	* *	5-10	$49,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 (ECF) - BX

Asset # : 395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	5%	Now	$38,400	2041	* *			
Drains Clogged, Extent : Severe, Area Affected : 100%								
Location : All Canopies								
Ponding, Extent : Severe, Area Affected : 50%								
Location : All Canopies								
Vegetation Growth, Extent : Severe, Area Affected : 10%								
Location : All Canopies								
Modified Bitumen	95%	Now	$842,600	2041	* *			
Blisters, Extent : Severe, Area Affected : 25%								
Location : All Roofs								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Central Portions Of Roofs								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Ridging, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Roofs								
Explanation : Replacement Failure								
Soffits								
Cast in Place Concrete	100%	0-2	$33,000	LIFE	* *	5	$27,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Exit Canopies								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Stair Exit Canopies								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 (ECF) - BX

Asset # : 395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	4+	$22,500	LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Sub-basement								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Basement And Sub-basement								
Ceramic Tile	3%	2-4	$4,500	2027	$223,900	5	$2,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : All Bathrooms								
Terrazzo	5%	Now	$12,400	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Steps In Stairwells								
Vinyl Tile	80%			2039	* *	3	$52,900	
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Gymnasium, Cafeteria, And Auditorium								
Wood	2%	Now	$3,200	2046	* *	5	$2,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Beneath Piano At Stage In Auditorium								
Deflection Evident, Extent : Severe, Area Affected : 10%								
Location : Auditorium Stage								
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : Auditorium Stage								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Horizontal Cracks, Extent : Light, Area Affected : 2%								
Location : Sub-basement								
Ceramic Tile	5%	0-2	$67,800	2034	* *	5	$6,200	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
Concrete Masonry Unit	15%	0-2	$69,500	LIFE	* *	5	$14,800	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Sub-basement, Auditorium And Stair Bulkheads								
Folding Partition	5%	0-2	$85,300	2039	* *	5	$15,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Cafeteria								
Plaster	45%	Now	$54,000	LIFE	* *	5	$33,300	
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Classrooms And Stairwell At Top Floor								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 (ECF) - BX

Asset # : 395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2048	* *	5	$6,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Pre-k Classrooms								
Explanation : Recent Installation								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2031	$58,400			
Metal Panel	30%	0-2	$124,000	LIFE	* *	5	$46,800	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Corridors, Kitchen And Small Cafeteria								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Corridors, Kitchen And Small Cafeteria								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Kitchen And Small Cafeteria								
Plaster	50%	Now	$94,900	LIFE	* *	5	$39,000	
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Rooms 103, 107, 204, 217, 234, 240								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair D								
Site Enclosure								
Fence/Gates								
Chain Link	75%	0-2	$35,500	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : At Large Field								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Large Field And Playground								
Explanation : Location								
Iron Picket	25%			2066	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : West 166th Street And University Avenue								
Retaining Walls								
Cast in Place Concrete	100%	4+	$11,500	2066	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$7,700	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West 166th Street								

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DEPARTMENT OF EDUCATION - 040

P. S. 126 (ECF) - BX

Asset # : 395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ramps, Steps And Front Entrance								
Explanation : Location								
Cast in Place Concrete	50%	Now	$79,800	2051	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Walkway Between School And Field								
Explanation : Cracking, Crumbling And Vegetation								
Activity Yard								
Asphalt	75%	Now	$32,800	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Large Field Area								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Large Field Area								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Large Field Area								
Explanation : Vegetation, Insufficient Drainage								
Asphalt	15%	4+	$300	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Small Playground Area								
Rubber Matting	10%	Now	$500	2031	$10,400			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Small Playground Area								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Small Playground Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$182,100	5	$300	
Fused Disc Sw	20%			2051	* *	5	$100	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	10%			2047	* *	5	$200	
Molded Case Bkrs	80%			2030	$191,600	5	$1,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 126 (ECF) - BX

Asset # : 395

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	90%			2031	$262,600	1		
Motor Controllers								
Locally Mounted	65%			2029	$77,600	5	$400	
Locally Mounted	30%			2044	* *	5	$200	
Locally Mounted	5%	Now	$3,600	2051	* *	5		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2039	* *	10	$76,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Battery	40%			2036	* *	10	$8,500	
Emergency, Battery	10%			2026	$14,800	10	$2,100	
Exit, Service	30%			2036	* *	1		
Exit, Service	20%			2026	$7,600	1		
Exterior Lighting								
Fluorescent	10%			2026	$35,100	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry And Exit Doors								
Explanation : Compact Fluorescent Lights								
No Component	90%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$33,000	1	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$45,400	2041	* *	1-3	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

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DEPARTMENT OF EDUCATION - 040

P. S. 126 (ECF) - BX

Asset # : 395

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$27,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : System Was Converted For No.4 Oil Storage And Delivery								
Conversion Equipment								
Steam Boiler	90%			2036	* *	1	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 2 No.4 Oil Burning Steam Boilers								
Steam Boiler	10%	Now	$30,700	2036	* *	1	$7,800	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Deteriorating Fire Box Refractory								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room, 1 Of 2 Defective Boiler Burner Control Panels. Boiler Operating On Low Fire.								
Distribution								
Central Plant Steam Piping/Pmp	90%			2031	$2,227,100	4	$3,900	
Central Plant Steam Piping/Pmp	10%	Now	$74,200	2051	* *	4	$400	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Crawlspace Below Auditorium, Deteriorating Steam And Condensate Return Piping								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Condensate Pump Return Piping Is Leaking At The Basement.								
Terminal Devices								
Air Handler	20%			2026	$331,200	1	$10,900	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Convector/Radiator	80%	0-2	$172,700	2036	* *	1	$20,500	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Various Location								
Explanation : Radiator Leaking At Three Different Locations.								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$20,000	2029	$66,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Various Classrooms, Multiple Mechanical And Electrical Defects								
No Component	80%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 126 (ECF) - BX

Asset # : 395

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,100	
Exhaust Fans								
Interior	20%			2026	$78,100	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Roof	80%			2026	$136,600	2	$2,200	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Explanation : About Eight Rooftop Exhaust Fans Not Working								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,123,400	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$425,500	4	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Presently Using Boiler To Produce Hot Water Which Makes It Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$17,600	4	$1,900	
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Varous								
Explanation : Bathroom Toilet Upgrade Is Recommended								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 127 - BK**		
Address	: **7805 7 AVENUE BTWN: 79 ST., 78 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K127**
Program / Asset #	: **BOE0434.000 / 2750**	**Yr Built/Renovated**	: **1900 / 2014**
Area Sq Ft	: **35,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5973** **Lot** : **1**	**BIN**	: **3150481**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$234,900	
Electrical		$499,700
Mechanical	$243,800	$593,000
Total	**$478,700**	**$1,092,700**
Importance Code A	$82,400	
Importance Code B	$311,400	$1,092,700
Importance Code C	$85,000	
Total	**$478,700**	**$1,092,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$8,800		$6,100
Interior Architecture	$60,600	$10,900		$1,300
Electrical	$3,400	$76,700	$4,300	$3,300
Mechanical	$44,000	$42,100	$7,900	$5,100
Site Enclosure	$3,200			
Total	**$111,200**	**$138,500**	**$12,200**	**$15,800**
Importance Code A	$1,900	$12,400	$3,500	$9,600
Importance Code B	$84,900	$126,100	$8,700	$6,300
Importance Code C	$24,300			
Total	**$111,200**	**$138,500**	**$12,200**	**$15,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$21,000	
Masonry: Brick	60%			LIFE	* *	5	$32,300	
Masonry: Brick	20%			LIFE	* *	5	$10,800	
Masonry: Limestone	10%			LIFE	* *	5	$4,000	
Stucco Cement	5%			2043	* *	5	$6,700	
Windows								
Aluminum	100%			2052	* *	5	$12,200	
Parapets								
Masonry: Brick	30%			LIFE	* *	5	$1,000	
Metal Cornice	70%			2058	* *	10	$7,500	
Roof								
Asphalt Shingle	65%			2039	* *	10	$2,700	
Built-Up (BUR)	35%			2035	* *	10	$8,800	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$9,000	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	0-2	$1,800	2039	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	2%	Now	$5,000	2035	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	64%			2040	* *	3	$12,700	
Vinyl Tile 9" X 9"	20%	Now	$93,500	2040	* *	3	$4,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	1%	4+	$23,700	2058	* *	5	$500	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Multipurpose Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$2,700	2039	* *	5	$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Throughout, Girls Bathroom								
Glass: Single Pane	5%			LIFE	* *	5	$1,800	
Masonry: Brick	10%	0-2	$18,500	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Plaster	18%	Now	$85,000	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout, Third Floor Bathroom								
Plaster	57%			LIFE	* *	5	$8,300	
Wood	5%			LIFE	* *	5	$9,700	
Ceilings								
AcousTileConcealSpLn	20%			2035	* *	5	$13,200	
Exposed Struc: Concrete	10%			LIFE	* *	5	$800	
Plaster	70%	Now	$56,400	LIFE	* *	5	$23,200	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	2-4	$3,200	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$130,000	5	$200	
Raceway								
Conduit	80%			2030	$49,000	1		
Conduit	20%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	4%			2038	* *	5		
Fused Toggle Switch	1%			2029	$1,000	5		
Molded Case Bkrs	75%			2046	* *	5	$700	
Molded Case Bkrs	20%			2029	$20,000	5	$200	
Wiring								
Braided Cloth	60%			2029	$46,300	1		
Thermoplastic	10%			2030	$7,700	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	99%			2035	* *	10	$31,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2035	* *	10	$300	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Multipurpose Room								
Egress Lighting								
Emergency, Battery	50%			2025	$29,400	10	$4,200	
Exit, Service	50%			2025	$7,500	1		
Exterior Lighting								
HID	100%			2030	$163,300	10	$100	
Alarm								
Security System								
Generic	100%			2030	$65,700	1	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$21,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$81,400	5	$10,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	45%	Now	$82,400	2035	* *	1	$14,000	1
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Boiler No. 3 In Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	55%			2035	* *	1	$19,100	
Distribution								
Steam Piping/Pump	100%	Now	$14,000	2040	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : 1 Of 2 Condensate Pumps In Basement.								
Terminal Devices								
Convector/Radiator	90%			2035	* *	1	$10,200	
Unit Heater - Steam	10%	Now	$2,000	2030	$19,900	4	$300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Hot Lunch Room In Basement.								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	10%	Now	$55,400	2035	* *	2	$200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	80%			2025	$106,100	1		
No Component	10%							
Heat Rejection								
Dry Cooler	10%			2025	$14,500	2	$2,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$19,500	
Exhaust Fans								
Interior	40%	Now	$24,800	2030	$62,100	2	$300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Third Floor Girls Bathroom.								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$449,500	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$7,000	4	$700	
Backflow Preventer								
No Component	35%							
Generic	65%			2030	$10,200	1	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3 Services Into Basement. 2 With 1 Without.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 127 - Q**		
Address	: **98 -01 25 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q127**
Program / Asset #	: **BOE0775.000 / 2763**	**Yr Built/Renovated**	: **1927 / 2009**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **1109** **Lot** : **16**	**BIN**	: **4024487**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$437,200	$922,400
Interior Architecture	$1,971,200	$1,828,100
Electrical		$1,087,400
Mechanical	$2,039,900	$3,263,800
Site Enclosure	$197,900	
Site Pavements	$204,500	
Total	**$4,850,600**	**$7,101,800**
Importance Code A	$437,200	$922,400
Importance Code B	$4,114,300	$6,124,100
Importance Code C	$299,100	$55,200
Total	**$4,850,600**	**$7,101,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,400			
Interior Architecture	$78,500		$5,700	$5,800
Electrical	$21,700	$8,800	$9,100	$10,600
Mechanical	$168,400	$35,200	$42,000	$58,500
Site Pavements	$2,500			
Total	**$318,500**	**$43,900**	**$56,800**	**$74,900**
Importance Code A	$56,700	$9,300	$9,300	$9,300
Importance Code B	$228,600	$34,600	$47,500	$65,600
Importance Code C	$33,200			
Total	**$318,500**	**$43,900**	**$56,800**	**$74,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - Q

Asset # : 2763

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$186,600	
Masonry: Limestone	10%			LIFE	* *	5	$15,600	
Windows								
Aluminum	100%	4+	$343,900	2049	* *	5	$18,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$41,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,500	
Roof								
Built-Up (BUR)	95%			2033	$763,700	10	$65,400	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Stair 5, Corridors, Room 415								
Copper/Terne	5%			2061	* *	10	$8,600	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$116,000	
Ceramic Tile	5%			2036	* *	5	$6,600	
Sheet Vinyl/Rubber	5%	0-2	$8,700	2033	$433,500	5	$5,000	
Seams Open/Split, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Terrazzo	5%	4+	$62,000	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front Entry Area								
Vinyl Tile	35%	0-2	$512,600	2033	$1,281,400	3	$17,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	30%	Now	$1,185,700	2048	* *	5	$37,300	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Masonry: Brick	12%			LIFE	* *	10	$7,800	
Marble Panels	3%	4+	$22,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : First Floor								
Plaster	85%			LIFE	* *	5-10	$156,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - Q

Asset # : 2763

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$15,200	2038	* *	5	$4,700	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Library								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Library								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Library								
AcousTileSusp.Lay-In	10%			2038	* *	5	$9,500	
AcousTileSusp.Lay-In	5%			2046	* *	5	$4,700	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$59,200	
Metal Panel	5%	4+	$3,100	LIFE	* *	5	$5,900	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	20%			LIFE	* *	5-10	$32,500	
Site Enclosure								
Fence/Gates								
Chain Link	3%			2043	* *			
Iron Picket	97%	2-4	$197,900	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$73,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 98th Street And 25th Avenue								
On-Site Walkways								
Asphalt	30%			2036	* *			
Cast in Place Concrete	70%	4+	$2,500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	100%	Now	$130,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Near Yard Drain								

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - Q

Asset # : 2763

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	80%			2033	$161,400	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	85%			2049	* *	5	$2,100	
Wiring								
Braided Cloth	30%			2032	$87,500	1		
Thermoplastic	70%			2043	* *	1		
Motor Controllers								
Locally Mounted	10%			2038	* *	5	$100	
Locally Mounted	90%			2031	$107,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$84,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2038	* *	10		
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	50%			2041	* *	10	$11,300	
Emergency, Battery	40%			2038	* *	10	$9,100	
Exterior Lighting								
HID	10%	Now	$8,800	2033	$43,900			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$176,500	1	$35,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$242,500	1-3	$59,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 127 - Q
Asset # : 2763

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$93,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,100	2033	$752,700			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In Boiler Room								
Terminal Devices								
Air Handler	20%			2033	$353,800	1	$11,600	
Convector/Radiator	60%			2031	$461,200	1	$18,200	
Fan Coil Unit/Heat	20%	Now	$23,300	2028	$466,100	1	$5,500	
Broken, Extent : Severe, Area Affected : 100%								
Location : Various Classrooms								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Controls								
Pneumatic	100%			2027	$1,816,700			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Split Unit	10%	Now	$223,200	2043	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : Two Kitchen Units								
Window/Wall Unit	75%			2028	$267,100	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,000	
Exhaust Fans								
Interior	100%	Now	$41,700	2028	$416,900	2	$2,300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Fans In The Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$240,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - Q

Asset # : 2763

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : 100 Gallon Unit. Quantity 1							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$18,800	4	$3,000	
Backflow Preventer								
Generic	100%			2033	$42,000	1	$5,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$26,000	1-2	$500	
Chemical System								
Generic	100%			2028	$306,000	1-3	$303,300	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Hood Is 75 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 128 - M**		
Address	: **560 WEST 169 STREET BTWN: AUDUBON AVE., BROADWAY**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M128**
Program / Asset #	: **BOE0075.000 / 1721**	**Yr Built/Renovated**	: **1961 / 2014**
Area Sq Ft	: **107,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **2125** **Lot** : **1**	**BIN**	: **1083509**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,615,700
Interior Architecture		$12,765,200
Electrical	$170,900	$570,300
Mechanical	$792,300	$1,053,200
Site Pavements		$892,800
Total	**$963,200**	**$16,897,100**
Importance Code A		$1,667,100
Importance Code B	$963,200	$15,230,000
Total	**$963,200**	**$16,897,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,000	$3,400	$9,500	
Interior Architecture	$14,500	$48,700	$9,000	$9,000
Electrical	$173,800	$23,100	$10,100	$9,800
Mechanical	$44,800	$38,500	$38,000	$18,800
Site Pavements	$400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$268,500**	**$117,600**	**$70,600**	**$41,600**
Importance Code A	$41,600	$14,200	$20,100	$10,600
Importance Code B	$226,400	$103,400	$50,500	$31,000
Importance Code C	$400			
Total	**$268,500**	**$117,600**	**$70,600**	**$41,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$19,200	
Masonry: Brick Cavity	80%			LIFE	* *	5	$65,500	
Masonry: Granite	5%			LIFE	* *	5	$3,100	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$15,300	
Windows								
Aluminum	98%			2046	* *	5	$19,000	
Metal Louvers	2%			2039	* *	10	$2,400	
Parapets								
Glazed Ceramic Panel	15%			2050	* *	5-10	$18,800	
Masonry: Brick Cavity	50%			LIFE	* *	5	$5,900	
Metal Panel	5%			2050	* *	5	$2,300	
Metal Rail	15%			2043	* *	5-10	$32,100	
Pre-Cast Concrete	15%			LIFE	* *	5	$11,200	
Roof								
Built-Up (BUR)	100%	Now	$31,000	2030	$1,550,200			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : One Story Cafeteria Roof By Drain								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Ceramic Tile	3%	0-2	$5,400	2039	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Various Bathrooms								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Bathrooms								
Terrazzo	2%			LIFE	* *	5	$2,500	
Vinyl Tile	45%			2035	* *	3	$27,100	
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : Corridors								
Vinyl Tile 9" X 9"	45%			2030	$12,765,200	3	$36,200	
Wood	5%			2045	* *	5	$15,100	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$7,300	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$22,000	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2035	* *	5	$32,100	
AcousTileConcealSpLn	25%			2035	* *	5	$50,200	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,800	
Plaster	40%			LIFE	* *	5	$40,200	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	25%			2050	* *			
Masonry: Brick	75%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	90%	4+	$400	2043	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 1%								
Location : Entrance To Kitchen								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2033				
Activity Yard								
Asphalt	50%			2033	$409,200			
Rubber Matting	50%			2030	$483,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Services Rated At 1,200 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	75%			2050	* *	5	$300	
Molded Case Bkrs	25%			2030	$65,000	5	$700	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	20%			2046	* *	5	$500	
Molded Case Bkrs	50%	Now	$24,000	2029	$119,700	5	$700	
Mech. Misoperation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Circuit Breakers Trip								
Molded Case Bkrs	30%			2046	* *	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	4+	$170,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	50%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%	4+	$1,800	2028	$90,700	5	$200	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Mechanical Rooms								
Locally Mounted	50%			2043	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$32,900	
Generators								
Diesel	100%	Now	$13,900	2039	* *	1	$37,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$4,000	
Fuel Storage								
Day Tank	50%	4+	$5,100	2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Daytank Requires Upgrade For Spill Containment								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 7,500 Gallon Shared With Boiler								
Lighting								
Interior Lighting								
Fluorescent	90%			2040	* *	10	$88,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	10%	Now	$29,600	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Auditorium And Gymnasium								
Explanation : LED Lighting Is Not Working								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$12,900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	20%	Now	$49,900	2030	$99,900			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter And Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter And Roof								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%	Now	$40,200	2035	* *	1	$7,200	
Cameras Damaged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Cameras Do Not Record								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2030	$55,200	1-3	$13,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2050	* *	5	$33,100	
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$106,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%	0-2	$9,400	2046	* *	4	$1,100	
Corroded, Extent : Severe, Area Affected : 5%								
Location : Penthouse Mechanical Room								
Steam Piping/Pump	80%	Now	$13,700	2050	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Fan Room								
Terminal Devices								
Air Handler	20%			2030	$402,700	1	$13,200	
Convector/Radiator	80%			2035	* *	1	$27,700	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2025	$315,700	1	$9,900	
Split Unit	10%			2030	$254,100			
Window/Wall Unit	30%			2025	$121,600	1		
No Component	40%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2040	* *	4	$1,600	
Ductwork/Diffusers	20%			LIFE	* *	2	$27,800	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	$249,100	1	$13,200	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2030	$58,900	2	$14,900	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Rooftop Unit For Chiller In Penthouse								
Explanation : Serves New Wing								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$94,000	LIFE	* *	2-5	$59,700	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Fan Room Ductwork								
Exhaust Fans								
Interior	20%			2025	$94,900	2	$700	
Roof	80%			2025	$166,100	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Abandoned in Place, Extent : Moderate, Area Affected : 80%								
Location : Basement Water Main. Alternate Water Main Being Used								
Water Heater With Tanks								
Oil Fired	100%			2029	$88,300	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,300	
Backflow Preventer								
No Component	50%							
Generic	50%			2035	* *	1	$3,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mezzanine, 1st To 3rd Floor New Wing								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2050	* *	1-5	$10,800	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing								
Explanation : Dry System								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Basement								
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 128 - Q**
Address : **69-10 65TH DRIVE @ 70TH ST.**
Borough : **QUEENS**
Program / Asset # : **BOE1093.000 / 14444**
Area Sq Ft : **116,000**
Date of Survey : **02-Feb-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3027** **Lot** : **37**

Agency's Number : **Q247**
Yr Built/Renovated : **2009 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4070445**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$69,000	$69,000
Interior Architecture	$362,300	$145,700
Electrical		$74,500
Mechanical		$424,300
Total	**$431,400**	**$713,600**
Importance Code A	$69,000	$69,000
Importance Code B	$216,700	$565,100
Importance Code C	$145,700	$79,500
Total	**$431,400**	**$713,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,400			
Interior Architecture	$119,700		$35,200	$25,100
Electrical	$23,800	$19,500	$20,900	$21,300
Mechanical	$152,400	$85,600	$59,500	$52,000
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$364,100**	**$117,000**	**$127,500**	**$110,200**
Importance Code A	$65,000	$8,600	$8,600	$8,600
Importance Code B	$288,300	$108,400	$118,900	$82,700
Importance Code C	$10,800			$18,900
Total	**$364,100**	**$117,000**	**$127,500**	**$110,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	* *	5	$7,700	
Masonry: Brick Cavity	85%			LIFE	* *	5	$130,400	
Masonry: Brick Cavity	5%			LIFE	* *	5	$7,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Wing In 2020								
Pre-Cast Concrete	5%			LIFE	* *	5	$24,900	
Windows								
Aluminum	95%			2049	* *	5	$8,000	
Aluminum	5%			2058	* *	5	$400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New 2020 Wing								
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$42,600	
Masonry: Brick Cavity	50%			LIFE	* *	5-10	$15,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,900	
Roof								
IRMA/Protected Membrane	70%			2038	* *	10	$23,300	
Plaza Roof: Stone Panels	30%			2059	* *			
Soffits								
Metal Panel	100%			2053	* *	5-10	$11,300	
Interior								
Floors								
Carpet	2%	Now	$62,500	2035	* *	3	$5,300	
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Auditorium								
Cast in Place Concrete	5%	Now	$150,400	LIFE	* *	5	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Ceramic Tile	5%			2042	* *	5	$8,800	
Quarry Tile	2%			2046	* *	5	$5,300	
Traffic Topping	8%			2038	* *	5	$17,700	
Vinyl Tile	75%			2038	* *	3	$49,700	
Wood	3%			2061	* *	5	$9,900	
Interior Walls								
Ceramic Tile	20%			2042	* *	5	$37,800	
Concrete Masonry Unit	8%			LIFE	* *	5	$12,100	
Folding Partition	2%			2049	* *	5	$9,500	
Gypsum Board	70%			LIFE	* *	5-10	$225,100	
Ceilings								
AcousTileConcealSpLn	10%			2046	* *	5	$22,100	
AcousTileSusp.Lay-In	75%			2046	* *	5	$132,600	
Exposed Struc: Steel	10%			LIFE	* *	10	$35,400	
Metal Panel	5%			LIFE	* *	5	$22,100	
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	30%			2053	* *			
Iron Picket	70%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Rubber Matting	10%			2038	* *			
Under Construction	90%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	70%			2053	* *	1		
Conduit	30%			2063	* *	1		
Panelboards								
Fused Disc Sw	8%			2049	* *	5	$200	
Fused Disc Sw	2%			2058	* *	5	$100	
Molded Case Bkrs	60%			2049	* *	5	$1,800	
Molded Case Bkrs	30%			2058	* *	5	$900	
Wiring								
Thermoplastic	70%			2053	* *	1		
Thermoplastic	30%			2063	* *	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$600	
Variable Frequency Drive	20%			2053	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$35,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2042	* *	1	$44,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 350 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,300	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	68%			2038	* *	10	$72,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Wing Building								
Fluorescent	2%			2038	* *	10	$2,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	30%			2043	* *			
Egress Lighting								
Emergency, Service	40%			2038	* *	1		
Emergency, Service	10%			2043	* *	1		
Exit, LED	40%			2061	* *	1		
Exit, LED	10%			2073	* *	1		
Exterior Lighting								
LED	20%			2038	* *			
LED	10%			2043	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	40%			2038	* *	1	$17,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2043	* *	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2043	* *	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	40%			2038	* *	1	$17,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	70%			2038	* *	1-3	$50,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Wing								
Explanation : Alarm Bells, Strobe Lights, Manual Pull Stations, Smoke Detectors Fire Alarm Panel And Horns								
Generic, Digital	30%			2043	* *	1-3	$21,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The New Wing								
Explanation : Strobe Lights, Manual Pull Boxes, Smoke Detector, Alarm Bell And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	50%			2038	* *	1	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Package Units								
Steam Boiler	50%			2050	* *	1	$57,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Of New Wing								
Explanation : Two New Gasoline Boilers At Penthouse Of New Wing								

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DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	90%			2041	* *	1	$64,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Of New Wing								
Fan Coil Unit/Heat	10%	0-2	$28,800	2038	* *	1	$3,400	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Throughout. 50 Percent Is Not Working								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	50%			2041	* *	2	$3,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof Of New Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Two New Rooftop Units R-410a								
Ext Pkg Unit - Heating/Cooling	50%			2038	* *	2	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Units, R-407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$25,500	LIFE	* *	2-5	$3,200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Building Management System Throughout The Building.								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$97,300	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%	0-2	$12,100	2038	* *	4	$4,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement. One Pump Not Working								
Backflow Preventer								
Generic	100%			2038	* *	1	$7,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Cellar To 4th Floor, One Unit From Cellar To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$32,500	
Fire Pump								
Generic	100%			2042	* *	1	$21,700	
Chemical System								
Generic	100%			2031	$424,300	1-3	$387,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression 104 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 129 - M**
Address : **425 WEST 130 STREET BTWN: ST NICHOLAS TER. CONVENT**
Borough : **MANHATTAN** **Agency's Number** : **M129**
Program / Asset # : **BOE0076.000 / 1722** **Yr Built/Renovated** : **1958 / 2005**
Area Sq Ft : **85,000** **Project Type** : **EDUCATION**
Date of Survey : **06-Dec-2018** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2,3**
Block : **1957** **Lot** : **10** **BIN** : **1059407**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$574,100	$2,725,300
Interior Architecture	$647,600	$10,315,900
Electrical	$935,200	$795,000
Mechanical	$616,900	$464,300
Site Pavements		$105,900
Total	**$2,773,800**	**$14,406,500**
Importance Code A	$870,500	$2,725,300
Importance Code B	$1,752,500	$11,681,100
Importance Code C	$150,800	
Total	**$2,773,800**	**$14,406,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$114,400	$17,100	$11,500	
Interior Architecture	$101,700			$12,600
Electrical	$24,300	$17,300	$5,800	$7,300
Mechanical	$29,400	$24,900	$19,900	$11,700
Site Enclosure	$33,800			
Site Pavements	$38,700			
Total	**$342,200**	**$59,200**	**$37,200**	**$31,600**
Importance Code A	$114,400	$25,700	$19,900	$8,400
Importance Code B	$150,900	$33,500	$17,300	$23,200
Importance Code C	$76,900			
Total	**$342,200**	**$59,200**	**$37,200**	**$31,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$12,700	
Masonry: Brick	83%			LIFE	* *	5	$45,100	
Masonry: Limestone	5%	Now	$42,800	LIFE	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Window Sills At North Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal: Cage/Fence	5%	2-4	$500	2035	* *	5	$5,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Hinges								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Street Level								
Explanation : Window Guards								
Granite Panels	2%	4+	$6,700	LIFE	* *	5	$800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Main Entrance								
Windows								
Aluminum	30%	Now	$521,100	2046	* *	5	$5,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Aluminum	63%			2046	* *	5	$23,000	
Glass Block	5%			LIFE	* *	5	$1,100	
Steel	2%	Now	$32,900	2055	* *	5	$4,600	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Basement Workshop, Boiler Room								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Basement Workshop, Boiler Room								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Basement Workshop, Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Basement Workshop, Boiler Room								
Parapets								
Masonry: Brick	95%	0-2	$26,500	LIFE	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Expansion Joint On South Side								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Interior Face								
Masonry: Limestone	5%	0-2	$1,400	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Expansion Joint On South Side								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	5%	Now	$3,600	2030	$72,700			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead Stairs								
Copper/Terne	5%			2045	* *	10	$15,600	
Seams Open/Split, Extent : Light, Area Affected : 10%								
Location : Corners Of Roof Penetrations								
IRMA/Protected Membrane	90%	Now	$53,100	2030	$2,652,600			
Expansion Joint Failure, Extent : Severe, Area Affected : 5%								
Location : Rooftop								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 308 At Expansion Joint								
Soffits								
Metal Panel	100%			2050	* *	5-10	$5,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement At Boiler Pit								
Mosaic Tile	5%	Now	$29,600	2043	* *	5	$7,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilet And Kitchen								
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	40%	Now	$27,900	2030	$1,396,100	3	$19,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement And Library								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement, Cafeteria, Library And Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Vinyl Tile 9" X 9"	40%	Now	$446,000	2030	$8,919,700	3	$19,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Cafeteria And Corridors Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria And Corridors Throughout								
Wood	5%	Now	$7,500	2058	* *	5	$5,900	
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$17,400	2039	* *	5	$3,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Diagonal Cracks, Extent : Light, Area Affected : 15%								
Location : Basement And Mechanical Room 2nd Floor								
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	55%	Now	$56,300	LIFE	* *	5	$34,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stairs, 3rd Floor Corridor At Expansion Joint, Room 308								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs, 3rd Floor Corridor At Expansion Joint, Room 308								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stairs, 3rd Floor Corridor At Expansion Joint, Room 308								
SGFT/Glazed Masonry	25%	Now	$94,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : West Stair								
Ceilings								
AcousTile,Adhered	25%	Now	$50,800	2035	* *	5	$15,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor, 1st Floor								
Exposed Struc: Concrete	50%			LIFE	* *	5	$9,900	
Plaster	25%	Now	$19,200	LIFE	* *	5	$19,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stairs, 3rd Floor Corridor At Expansion Joint, Room 308								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs, 3rd Floor Corridor At Expansion Joint, Room 308								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stairs, 3rd Floor Corridor At Expansion Joint, Room 308								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%	0-2	$21,900	2040	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Rear Playground								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Iron Picket	20%	0-2	$6,000	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout Front								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Front Near Entrance								
Retaining Walls								
Cast in Place Concrete	75%			2065	* *			
Masonry: Brick	25%	Now	$5,900	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Front Of Building On 130th Street								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$15,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rear Steps								
Masonry: Granite	10%	Now	$15,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main And West Side Entrance								
Activity Yard								
Cast in Place Concrete	20%	Now	$1,800	2043	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Rear Playground								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Rear Playground								
Explanation : Drainage Clogged Causing Flooding								
Rubber Matting	80%	0-2	$5,300	2030	$105,900			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Rear Playground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$31,700	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$227,600	5	$2,200	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$12,000	5	$100	
Fused Knife Sw	5%	0-2	$12,000	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Molded Case Bkrs	80%			2029	$191,600	5	$1,800	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	85%	2-4	$248,000	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$70,200	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2038	* *	10	$4,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$71,300	10	$10,300	
Exit, Service	50%			2030	$18,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%	0-2	$396,600	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Obsolete Mercury Vapor Fixtures On The Back Of The Building.								
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$47,900	1	$9,500	
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$219,300	2040	* *	1-3	$47,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Interior								
Explanation : Obsolete Fire Alarm System That Only Includes Bells And Pull Stations.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2050	* *	5	$26,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank For No. 4 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%	Now	$296,400	2035	* *	1	$75,800	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units No. 4 Oil Burning Boilers								
Distribution								
Central Plant Steam Piping/Pmp	10%			2050	* *	4	$400	
Central Plant Steam Piping/Pmp	90%			2040	* *	4	$5,700	
Terminal Devices								
Air Handler	6%			2030	$96,000	1	$3,200	
Air Handler	14%			2025	$223,900	1	$7,400	
Convector/Radiator	80%			2035	* *	1	$22,000	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	50%	Now	$96,600	2030	$161,000	1		
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	
Exhaust Fans								
Interior	20%			2030	$75,400	2	$500	
Roof	80%	0-2	$2,600	2030	$131,900	2	$1,700	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Roof, 1 Of 10 Defective Exhaust Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2040	* *	1		
Not Insulated, Extent : Light, Area Affected : 10%								
Location : Basement								
Galvanized Steel	10%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantaneous With Storage Tank								
Sanitary Piping								
Cast Iron	100%	Now	$21,400	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : 1st Floor								
Explanation : Broken Drain Cover								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$17,000	4	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Storage Area								
Explanation : Serves Storage Area Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 129 - Q**		
Address	: **128-02 7TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q129**
Program / Asset #	: **BOE0777.000 / 1561**	**Yr Built/Renovated**	: **1933 / 2001**
Area Sq Ft	: **136,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **3976** **Lot** : **1**	**BIN**	: **4096774**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$139,800	$374,300
Interior Architecture	$311,500	$105,700
Electrical	$119,900	$1,721,400
Mechanical	$55,600	$1,920,400
Site Enclosure	$60,900	
Total	**$687,800**	**$4,121,900**
Importance Code A	$139,800	$374,300
Importance Code B	$408,600	$3,747,500
Importance Code C	$139,400	
Total	**$687,800**	**$4,121,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$240,900			
Interior Architecture	$197,600		$43,900	$400
Electrical	$40,100	$22,500	$25,100	$22,800
Mechanical	$107,700	$57,000	$71,100	$52,500
Site Enclosure	$30,300			
Site Pavements	$52,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$677,300**	**$87,400**	**$148,000**	**$83,600**
Importance Code A	$251,700	$10,800	$10,800	$10,800
Importance Code B	$273,300	$76,700	$137,200	$72,900
Importance Code C	$152,300			
Total	**$677,300**	**$87,400**	**$148,000**	**$83,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	2%	Now	$11,100	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead								
Masonry: Brick	55%	4+	$139,800	LIFE	* *	5	$84,900	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick Cavity	31%			LIFE	* *	5	$95,700	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Below Louvers								
Masonry: Granite	2%			LIFE	* *	5	$4,600	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$11,600	
Metal Panel	5%			2043	* *	5-10	$53,100	
Windows								
Aluminum	97%	Now	$41,500	2049	* *	5	$21,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Classrooms Old Wing								
Metal Louvers	3%			2042	* *	10	$8,400	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5-10	$11,700	
Masonry: Brick	38%			LIFE	* *	5-10	$53,700	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$56,500	
Masonry: Limestone	2%			LIFE	* *	5-10	$5,000	
Metal Panel	3%			2053	* *	5	$2,400	
Pre-Cast Concrete	15%			LIFE	* *	5	$39,000	
Roof								
Built-Up (BUR)	40%	0-2	$5,800	2033	$289,400			
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Copper/Terne	5%			2048	* *	10	$7,700	
Modified Bitumen	30%			2038	* *	10	$18,600	
Panel/Paver: Cer/Brk	25%			2059	* *	10	$20,700	
Soffits								
Exposed Struc: Steel	75%			LIFE	* *	5		
Stucco Cement	25%			2046	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$105,700	
Ceramic Tile	5%	0-2	$9,100	2042	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Old Bathrooms								
Terrazzo	5%	0-2	$37,700	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Lobby Old Wing								
Vinyl Tile	38%			2038	* *	3	$23,000	
Vinyl Tile 9" X 9"	2%	Now	$56,900	2043	* *	3	$1,200	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : 1935 Wing Gymnasium Stair And 411								
Wood	35%			2061	* *	5	$105,700	
Interior Walls								
Ceramic Tile	5%	0-2	$24,000	2036	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Old Bathrooms								
Concrete Masonry Unit	15%			LIFE	* *	5	$20,900	
Gypsum Board	15%			LIFE	* *	5-10	$44,500	
Masonry: Brick	5%			LIFE	* *	10	$2,600	
Plaster	35%			LIFE	* *	5-10	$51,900	
SGFT/Glazed Masonry	25%	4+	$78,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Around Windows In Gymnasium								
Ceilings								
AcousTile,Adhered	10%			2046	* *	5	$16,100	
AcousTileSusp.Lay-In	35%			2046	* *	5	$56,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$16,100	
Gypsum Board	10%			LIFE	* *	5-10	$55,400	
Plaster	40%			LIFE	* *	5-10	$110,800	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%	Now	$60,900	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$30,300	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Playground								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	2-4	$5,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Ramps								
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$47,500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Activity Yard								
Asphalt	15%			2046	* *			
Cast in Place Concrete	75%			2050	* *			
Rubber Matting	10%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,600 Amperes And 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$600	
Raceway								
Conduit	65%			2053	* *	1		
Conduit	35%			2033	$101,100	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	35%			2049	* *	5	$1,300	
Molded Case Bkrs	35%			2032	$104,800	5	$1,300	
Molded Case Bkrs	20%			2055	* *	5	$700	
Wiring								
Braided Cloth	30%	2-4	$119,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Sections Of The Building								
Thermoplastic	70%			2053	* *	1		
Motor Controllers								
Locally Mounted	95%			2046	* *	5	$900	
Locally Mounted	5%			2031	$9,100	5		

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DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$2,000	
Generic	50%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$41,800	
Generators								
Diesel	100%			2042	* *	1	$52,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2028	$2,500	5	$30,300	
Fuel Storage								
Day Tank	30%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 120 Gallons Rated Capacity								
Main Tank	70%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	70%			2033	$1,419,100	10	$87,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	30%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$50,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$83,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

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DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2059	* *	1		
Interruptible Gas/Dual Fuel	60%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	40%			2050	* *	1	$26,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing 3rd Floor Mechanical Room								
Explanation : 2 Units								
Steam Boiler	60%			2046	* *	1	$80,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Wing Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2055	* *	4	$2,700	
Steam Piping/Pump	60%			2033	$653,400			
Terminal Devices								
Air Handler	10%			2028	$255,900	1	$8,400	
Air Handler	30%			2041	* *	1	$25,200	
Air Handler	20%			2038	* *	1	$16,800	
Convector/Radiator	30%			2038	* *	1	$13,200	
Convector/Radiator	10%			2050	* *	1	$4,400	
Air Conditioning								
Energy Source								
Electricity	60%			2041	* *	1		
Electricity	40%			2055	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	6%	0-2	$6,000	2033	$120,400	1	$3,400	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Control Panel								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Reciprocating Compr/Chiller	44%			2041	* *	1	$27,800	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	10%			2041	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 10 Units For Auditorium								
Window/Wall Unit	18%	2-4	$55,600	2031	$92,700	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 90%								
Location : Various Locations In Old Wing								
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Various Locations In Old Wing								
No Component	22%							

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DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2053	* *	4	$5,000	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2038	* *	1	$16,800	
Air Handler/Cool/Ht	30%			2041	* *	1	$25,200	
Fan Coil - 2 Pipe	10%			2041	* *	1	$4,400	
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2041	* *	2	$37,900	
Dry Cooler	20%	0-2	$4,900	2033	$97,400	2	$15,200	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Condenser Motors								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$48,000	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$72,000	
Exhaust Fans								
Interior	40%			2028	$241,300	2	$1,700	
Interior	20%			2038	* *	2	$800	
Roof	40%			2041	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2059	* *	1		
Galvanized Steel	10%			2031	$173,600	1		
Water Heater With Tanks								
Gas Fired	40%			2032	$20,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing 3rd Floor Mechanical Room								
Explanation : 1 Tankless Unit With One 120 Gallons Tank								
Gas Fired	60%			2033	$30,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Wing Boiler Room								
Explanation : One 100 Gallons Unit								
Sanitary Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$27,200	4	$4,300	
Sewage Ejector(s)								
Electric	100%			2033	$71,200	4	$8,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2038	* *	1	$8,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	30%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Through 3rd Floor								
Explanation : 1 Unit								
Hydraulic	70%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Through 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2059	* *	1-5	$41,100	
Sprinkler								
No Component	40%							
Generic	60%			2059	* *	1-2	$22,900	
Fire Pump								
No Component	40%							
Generic	60%			2046	* *	1	$15,200	
Chemical System								
Generic	100%			2032	$163,200	1-3	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 130 - BK**		
Address	: **70 OCEAN PARKWAY @ E.5TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K130**
Program / Asset #	: **BOE0436.000 / 2751**	**Yr Built/Renovated**	: **1903 / 2006**
Area Sq Ft	: **44,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5319** **Lot** : **1**	**BIN**	: **3124019**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$169,900	$112,700
Interior Architecture	$713,900	
Electrical	$113,500	$853,900
Mechanical		$337,000
Total	**$997,300**	**$1,303,600**
Importance Code A	$169,900	$112,700
Importance Code B	$481,400	$1,190,900
Importance Code C	$346,000	
Total	**$997,300**	**$1,303,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,400			
Interior Architecture	$162,200		$2,900	$6,900
Electrical	$43,000	$4,100	$4,200	$5,100
Mechanical	$23,200	$6,400	$9,300	$5,700
Site Enclosure	$800			
Site Pavements	$36,000			
Total	**$303,700**	**$10,500**	**$16,400**	**$17,700**
Importance Code A	$43,500	$4,400	$4,400	$4,400
Importance Code B	$187,800	$6,100	$12,000	$13,400
Importance Code C	$72,400			
Total	**$303,700**	**$10,500**	**$16,400**	**$17,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$104,800	
Masonry: Brick	90%			LIFE	* *	5	$120,700	
Windows								
Aluminum	100%	Now	$9,400	2049	* *	5	$4,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Various Classrooms								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$30,900	
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$67,000	
Roof								
Built-Up (BUR)	95%	2-4	$6,600	2038	* *			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Roof								
Copper/Terne	5%			2048	* *	10	$3,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,800	
Ceramic Tile	5%	Now	$8,600	2036	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Slop Sink								
Ceramic Tile	5%			2042	* *	5	$3,100	
Quarry Tile	5%	Now	$22,600	2046	* *	5	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	70%	Now	$118,600	2038	* *	3	$16,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2061	* *	5	$5,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$22,300	2036	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$13,000	
Glass: Single Pane	5%			LIFE	* *	5	$12,200	
Gypsum Board	5%			LIFE	* *	5-10	$13,800	
Masonry: Brick	5%	Now	$77,300	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Throughout								
Metal: Cage/Fence	2%			LIFE	* *	10	$700	
Plaster	68%	0-2	$268,700	LIFE	* *	5	$33,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	20%	Now	$39,400	2046	* *	5	$6,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	5%	Now	$137,600	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Basement, Area Under Sidewalk At Entry To Cafeteria								
Masonry: Infill Arch	15%	0-2	$33,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	60%	Now	$111,700	LIFE	* *	5	$23,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Basement								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2053	* *			
Iron Picket	30%	4+	$800	2068	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Ocean Parkway Service Road								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,000	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Ocean Parkway Service Road								

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DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	95%	Now	$27,000	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Cast in Place Concrete	5%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Rubber Matting	50%			2041	* *			
Traffic Topping	50%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	80%			2033	$64,800	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$14,000	5	$100	
Fused Knife Sw	5%	2-4	$7,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	5%	2-4	$7,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2032	$27,900	5	$200	
Molded Case Bkrs	60%			2049	* *	5	$700	
Wiring								
Braided Cloth	20%	2-4	$21,100	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Thermoplastic	60%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$35,800	5	$100	
Locally Mounted	25%			2046	* *	5	$100	
Locally Mounted	25%			2038	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$642,800	10	$39,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$36,900	10	$5,300	
Exit, Service	50%			2033	$9,500	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$82,600	1	$16,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$113,500	2043	* *	1-3	$24,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	95%			2046	* *	1	$41,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Steam Boiler	5%	0-2	$1,000	2046	* *	1	$2,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Chemical Refill System, Boiler Room								
Distribution								
Steam Piping/Pump	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	30%			2031	$107,900	1	$4,300	
Convector/Radiator	60%			2050	* *	1	$8,500	
Unit Heater - Steam	10%			2041	* *	4	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2031	$116,700	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,800	
Exhaust Fans								
Interior	10%			2033	$19,500	2	$100	
Roof	90%			2038	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$112,300	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Tankless Unit With Two 75 Gallon Tanks.								
Sanitary Piping								
Cast Iron	20%	0-2	$2,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Slop Sink								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$8,800	4	$1,400	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 130 - BK ANNEX**		
Address	: **70 OCEAN PARKWAY @ E.5TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K130**
Program / Asset #	: **BOE0436.010 / 13437**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **6,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **5319** **Lot** : **1**	**BIN**	: **3124019**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$84,000	$419,800
Electrical		$89,400
Mechanical		$100,800
Total	**$84,000**	**$610,000**
Importance Code A	$84,000	$419,800
Importance Code B		$190,200
Total	**$84,000**	**$610,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,800			
Interior Architecture	$51,500			$2,500
Electrical	$700	$600	$600	$700
Mechanical	$3,300	$400	$800	$400
Site Enclosure	$200			
Total	**$94,400**	**$1,000**	**$1,400**	**$3,600**
Importance Code A	$39,100	$300	$300	$300
Importance Code B	$37,500	$700	$1,100	$2,500
Importance Code C	$17,900			$800
Total	**$94,400**	**$1,000**	**$1,400**	**$3,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK ANNEX

Asset # : 13437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$15,600	
Masonry: Brick Cavity	90%			LIFE	* *	5	$56,100	
Metal Panel	5%			2053	* *	5-10	$10,700	
Windows								
Aluminum	100%	Now	$3,000	2049	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Roof								
Single Ply Membrane	100%	2-4	$84,000	2033	$419,800			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Interior								
Floors								
Ceramic Tile	10%			2042	* *	5	$1,000	
Vinyl Tile	90%	0-2	$25,700	2038	* *	3	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,600	
Concrete Masonry Unit	70%			LIFE	* *	5	$17,900	
Gypsum Board	25%			LIFE	* *	5-10	$13,600	
Ceilings								
AcousTileSusp.Lay-In	100%	4+	$8,100	2046	* *	5	$4,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Metal: Cage/Fence	100%			LIFE	* *	10	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Metal Fence On Top Of Roof								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$200	
Wiring								
Thermoplastic	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 130 - BK ANNEX
Asset # : 13437

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$89,400	10	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	$5,000	10	$700	
Exit, Service	50%			2033	$1,300	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$11,300	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$15,500	1-3	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	100%			2033	$18,700	1	$3,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Rooftop Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	$100,800	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units On Roof								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK ANNEX

Asset # : 13437

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,300	
Exhaust Fans								
Roof	100%			2033	$11,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 130 - BX**		
Address	: **750 PROSPECT AVENUE BTWN: EAST 156 ST,**		
Borough	: **BRONX**	**Agency's Number**	: **X130**
Program / Asset #	: **BOE0268.000 / 201**	**Yr Built/Renovated**	: **1956 / 2002**
Area Sq Ft	: **68,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2688** **Lot** : **1**	**BIN**	: **2005168**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$375,300	$69,300
Interior Architecture	$834,300	$230,200
Electrical	$502,600	$452,400
Mechanical	$79,200	$2,597,100
Site Pavements	$54,700	
Total	**$1,846,000**	**$3,349,000**
Importance Code A	$375,300	$662,000
Importance Code B	$1,323,700	$2,687,000
Importance Code C	$147,000	
Total	**$1,846,000**	**$3,349,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$67,200			
Interior Architecture	$47,500	$11,500	$6,500	$7,400
Electrical	$29,500	$69,900	$2,000	$1,900
Mechanical	$86,500	$19,900	$19,200	$9,400
Site Enclosure	$43,700			
Site Pavements	$7,700			
Total	**$282,100**	**$101,400**	**$27,700**	**$18,700**
Importance Code A	$73,900	$6,900	$6,700	$6,700
Importance Code B	$164,500	$94,500	$20,900	$11,900
Importance Code C	$43,700			
Total	**$282,100**	**$101,400**	**$27,700**	**$18,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$61,400	
Masonry: Brick Cavity	9%	Now	$34,400	LIFE	* *	5	$7,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% *Location : Bulkheads*								
Masonry: Limestone	3%			LIFE	* *	5	$2,000	
Metal/Glass Curt Wall	15%			LIFE	* *	5	$24,700	
Granite Panels	3%			LIFE	* *	5	$2,000	
Windows								
Aluminum	100%	Now	$309,500	2046	* *	5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25% *Location : Throughout* *Unit Inoperable, Extent : Moderate, Area Affected : 25%* *Location : Throughout*								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$14,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,000	
Roof								
IRMA/Protected Membrane	5%	Now	$32,800	2040	* *			
Insul Miss/Displaced, Extent : Severe, Area Affected : 25% *Location : Cafeteria Roof*								
Modified Bitumen	95%			2035	* *	10	$65,900	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%	Now	$25,100	LIFE	* *	5	$32,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Basement*								
Ceramic Tile	5%	Now	$166,400	2045	* *	5	$3,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 25% *Location : All Toilet Rooms* *Worn/Eroded, Extent : Severe, Area Affected : 90%* *Location : All Toilet Rooms*								
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	35%			2035	* *	3	$19,400	
Vinyl Tile 9" X 9"	40%	Now	$520,900	2040	* *	3	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Throughout* *Worn/Eroded, Extent : Moderate, Area Affected : 25%* *Location : Throughout*								
Wood	5%			2045	* *	5	$13,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$147,000	2045	* *	5	$2,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : All Toilet Rooms								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : All Toilet Rooms								
Concrete Masonry Unit	65%			LIFE	* *	5	$23,200	
Marble Panels	5%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2043	* *	5	$36,900	
AcousTileConcealSpLn	5%			2035	* *	5	$9,200	
Exposed Struc: Concrete	45%			LIFE	* *	5	$10,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	10%			2030	$230,200			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Plaster	10%	4+	$22,400	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	40%	4+	$16,600	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Prospect And Macy Place								
Iron Picket	60%	4+	$27,100	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	50%			2065	* *			
Masonry: Brick	50%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	45%			2039	* *			
Cast in Place Concrete	40%			2043	* *			
Masonry: Granite	5%			LIFE	* *			
Pavers/Stone	10%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%	Now	$54,700	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	15%	4+	$6,900	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	10%	4+	$900	2035	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Play Yard Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2030	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 400 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$195,100	2060	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2030	$137,400	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Fused Knife Sw	10%	2-4	$18,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room Basement								
Fused Toggle Switch	5%	2-4	$9,000	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Basement								
Molded Case Bkrs	10%			2046	* *	5	$200	
Molded Case Bkrs	65%			2029	$116,800	5	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$159,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$58,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2030	$20,300	10	$1,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Crawl Space								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Service	45%			2025	$18,800	1		
Emergency, Battery	5%			2038	* *	10	$800	
Exit, Service	35%			2025	$10,300	1		
Exit, Service	15%			2038	* *	1		
Exterior Lighting								
HID	30%			2025	$95,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$38,300	1	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$52,600	1-3	$12,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$158,100	5	$21,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	$592,700	1	$67,300	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	20%	0-2	$21,800	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Steam Piping/Pump	80%			2030	$435,600			
Terminal Devices								
Air Handler	20%			2030	$255,900	1	$8,400	
Convector/Radiator	80%	0-2	$8,900	2028	$444,800	1	$15,800	
Broken, Extent : Moderate, Area Affected : 40%								
Location : Defective Radiator Control Valves, Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2024	$12,900	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,900	
Exhaust Fans								
Interior	40%			2030	$120,600	2	$800	
Roof	60%	0-2	$7,900	2025	$79,200	2	$1,000	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2040	* *	1		
Galvanized Steel	30%	0-2	$5,200	2028	$260,400	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valves								
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Defective Domestic Water Isolation Valve In Basement								
HW Heat Exchanger								
Steam Fired	100%			2030	$328,800	4	$6,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	0-2	$17,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Water Backs Up, Room B2								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$4,800	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Cracked Roof Runoff Water Pipe Elbow In Boiler Room								
Sump Pump(s)								
Non-Submersible	100%			2030	$13,600	4	$1,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$47,000	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 130 - M**		
Address	: **143 BAXTER STREET @ HESTER ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M130**
Program / Asset #	: **BOE0077.000 / 1723**	**Yr Built/Renovated**	: **1921 / 2008**
Area Sq Ft	: **95,065**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Nov-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5**		
Block	: **236** **Lot** : **38**	**BIN**	: **1003086**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$193,500	$289,700
Interior Architecture	$123,200	
Electrical		$1,576,300
Mechanical	$198,100	$3,059,700
Total	**$514,700**	**$4,925,700**
Importance Code A	$193,500	$289,700
Importance Code B	$257,000	$4,636,000
Importance Code C	$64,200	
Total	**$514,700**	**$4,925,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,100		$2,000	$15,700
Interior Architecture	$20,900	$6,900		$13,300
Electrical	$13,700	$8,700	$10,000	$8,200
Mechanical	$47,100	$31,700	$54,100	$35,400
Site Pavements	$16,500			
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$113,300**	**$53,200**	**$72,000**	**$78,500**
Importance Code A	$18,600	$9,400	$11,700	$25,100
Importance Code B	$94,700	$40,500	$60,400	$53,500
Importance Code C		$3,300		
Total	**$113,300**	**$53,200**	**$72,000**	**$78,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$94,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,500	
Masonry: Brick	70%			LIFE	* *	5	$84,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$39,100	
Windows								
Aluminum	40%			2047	* *	5	$16,100	
Aluminum	38%			2047	* *	5	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Windows								
Explanation : Lexan Panes								
Metal Louvers	2%			2040	* *	10	$5,000	
Wood	20%	Now	$193,500	2056	* *	5	$40,100	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : 1921 Wing								
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : 1921 Wing								
Split/Cracked, Extent : Moderate, Area Affected : 40%								
Location : 1921 Wing								
Parapets								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,400	
Masonry: Brick	35%			LIFE	* *	5	$7,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : East Facade								
Explanation : Stucco On Cement								
Masonry: Brick Cavity	40%			LIFE	* *	5	$8,400	
Metal Panel	5%			2051	* *	5	$4,100	
Metal: Cage/Fence	5%			2044	* *	5-10	$8,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	20%			2031	$111,400	10	$9,500	
Metal Panel	5%			2044	* *	10	$4,400	
Plaza Roof: Stone Panels	75%			2051	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rooftop Play Areas								
Explanation : These Are Actually Rubberized Roof Pavers								
Soffits								
Metal Panel	100%			2051	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,600	
Ceramic Tile	5%			2040	* *	5	$7,100	
Quarry Tile	5%			2044	* *	5	$10,700	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	75%	Now	$59,000	2036	* *	3	$40,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Wood	5%			2059	* *	5	$13,300	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$6,600	
Concrete Masonry Unit	25%			LIFE	* *	5	$13,200	
Glass Block	2%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$7,900	
Granite Panels	3%			LIFE	* *			
Plaster	40%	Now	$64,200	LIFE	* *	5	$15,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2044	* *	5	$17,800	
Embossed Metal	5%			LIFE	* *	5	$3,200	
Exposed Struc: Concrete	20%			LIFE	* *	5	$4,400	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$35,600	
Plaster	35%			LIFE	* *	5	$31,100	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Various Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2041	* *			
Iron Picket	50%			2066	* *			
Masonry: Brick	20%			2051	* *			
Retaining Walls								
Cast in Place Concrete	50%			2051	* *			
Masonry: Brick	50%			2051	* *			
Site Pavements								
Public Sidewalk								
Pavers/Stone	100%	Now	$16,500	2034	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Baxter And Hester Streets								
On-Site Walkways								
Cast in Place Concrete	60%			2044	* *			
Pavers/Stone	40%			2034	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2041	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere, One 2,500 Ampere And Two 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	20%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch For Fire Pump								
Transformers								
Dry Type	100%			2036	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 And One 30 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$400	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$200	
Molded Case Bkrs	90%			2039	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	10%			2036	* *	5	$100	
Motor Control Center	90%			2036	* *	5	$2,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Old Building								
Explanation : Under Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$29,300	
Generators								
Diesel	100%			2034	* *	1	$36,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room In Rear Yard								
Explanation : One 139 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2039	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallons								
Main Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2031	$1,275,400	10	$78,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2031	$56,700	10	$3,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium And Conference Room								
LED	6%			2036	* *			
Egress Lighting								
Emergency, Service	50%			2031	$29,300	1		
Emergency, Battery	10%			2031	$16,000	10	$2,300	
Exit, Service	40%			2031	$16,400	1		
Exterior Lighting								
HID	20%			2031	$88,700	10	$100	
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	$73,600	1-3	$17,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 5,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$94,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$15,200	2041	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 2%								
Location : At Vacuum Pump In Basement								
Terminal Devices								
Air Handler	40%			2031	$715,600	1	$23,500	
Convector/Radiator	60%			2036	* *	1	$18,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2031	$561,000	1	$17,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 4 Units								
Exterior Pkg Unit - Cooling	5%			2031	$52,100	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Gymnasium Rooftop Unit								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One Package Unit Serves Gymnasium								
Window/Wall Unit	55%			2026	$198,100	1		
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2051	* *	4	$1,900	
Ductwork/Diffusers	40%			LIFE	* *	2	$49,500	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2031	$922,300	1	$29,400	
No Component	50%							
Heat Rejection								
Dry Cooler	40%			2031	$174,500	2	$26,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$31,800	
No Component	40%							
Exhaust Fans								
Interior	60%			2031	$253,000	2	$1,700	
Roof	40%			2031	$73,800	2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$6,100	2031	$307,400	2		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Tank Leaking, Causing Bottom To Corrode. Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 900 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$19,000	4	$2,000	
Backflow Preventer								
No Component	50%							
Generic	50%			2036	* *	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Fire Service Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar To 6th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$49,700	
Sprinkler								
Generic	100%			2041	* *	1-2	$26,600	
Combination Sprinkler/Stdpipe, Extent : Light, Area Affected : 95%								
Location : Wet System Throughout								
Dry System, Extent : Light, Area Affected : 5%								
Location : Penthouse								
Fire Pump								
Generic	100%			2034	* *	1	$17,800	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Obsolete But Operational								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 130 - Q**		
Address	: **200-01 42 AVENUE @ FRANCIS LEWIS BOULEVARD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q130**
Program / Asset #	: **BOE0778.000 / 1562**	**Yr Built/Renovated**	: **1925 / 2001**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6203** **Lot** : **1**	**BIN**	: **4137034**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$593,300	$64,000
Interior Architecture	$338,200	$2,006,300
Electrical	$99,800	$1,082,300
Mechanical	$54,000	$1,495,700
Total	**$1,085,300**	**$4,648,400**
Importance Code A	$647,300	$64,000
Importance Code B	$438,000	$4,584,300
Total	**$1,085,300**	**$4,648,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,500			
Interior Architecture	$182,800		$9,600	$7,600
Electrical	$7,900	$5,800	$6,000	$7,800
Mechanical	$54,800	$14,000	$19,000	$20,400
Site Enclosure	$38,800			
Site Pavements	$14,400			
Total	**$357,200**	**$19,800**	**$34,600**	**$35,800**
Importance Code A	$58,500	$6,100	$6,100	$6,100
Importance Code B	$223,700	$13,600	$27,200	$29,600
Importance Code C	$75,000		$1,300	
Total	**$357,200**	**$19,800**	**$34,600**	**$35,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$41,100	
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$27,400	
Masonry: Brick	73%			LIFE	* *	5	$128,000	
Masonry: Brick Cavity	15%			LIFE	* *	5	$26,300	
Masonry: Granite	5%			LIFE	* *	5	$6,600	
Masonry: Marble	2%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%	Now	$464,200	2049	* *	5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout, Room 116c, Multipurpose Room, Cafeteria								
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$76,100	
Masonry: Limestone	2%			LIFE	* *	5-10	$3,900	
Metal Rail	25%			2038	* *	5-10	$71,800	
Pre-Cast Concrete	3%			LIFE	* *	5	$6,000	
Roof								
Built-Up (BUR)	45%			2038	* *	10	$31,200	
Modified Bitumen	55%			2038	* *	10	$38,100	
Soffits								
Stucco Cement	100%			2038	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$64,600	
Ceramic Tile	3%	4+	$5,000	2036	* *	5	$2,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Marble Panels	2%			LIFE	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$11,500	
Traffic Topping	4%	Now	$281,700	2043	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	40%			2033	$1,630,700	3	$29,500	
Vinyl Tile	25%			2038	* *	3	$13,800	
Vinyl Tile 9" X 9"	1%	0-2	$13,000	2033	$260,500	3	$600	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Classroom 305								
Wood	10%			2048	* *	5	$27,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$2,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,100	
Glazed Ceramic Panel	2%	4+	$3,500	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Exit 6. 1965 Addition								
Gypsum Board	13%			LIFE	* *	5-10	$19,700	
Gypsum Board	5%			LIFE	* *	5-10	$7,600	
Masonry: Brick	10%			LIFE	* *	10	$2,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation Wall Under Staircase At Exit 7								
Marble Panels	2%			LIFE	* *	10	$700	
Plaster	50%			LIFE	* *	5-10	$37,800	
SGFT/Glazed Masonry	5%	Now	$8,000	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Exit 7								
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$46,100	
AcousTileSusp.Lay-In	5%			2046	* *	5	$7,400	
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$46,100	
Fiber Board	5%			2033	$115,100			
Gypsum Board	5%			LIFE	* *	5-10	$25,400	
Plaster	35%			LIFE	* *	5-10	$88,800	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2053	* *			
Iron Picket	90%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$38,800	2068	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Near Francis Lewis Boulevard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$14,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$100	
Molded Case Bkrs	90%			2032	$161,700	5	$1,500	
Wiring								
Braided Cloth	50%	2-4	$99,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2033	$99,800	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$55,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$7,500	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$86,800	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$58,200	1	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, And Exit Doors								
Explanation : Intrusion Alarm And Motion Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$159,900	1-3	$39,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Alarm Bells, Manual Pull Stations And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$19,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$54,000	2038	* *	1	$55,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Boilers								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	Now	$5,000	2043	* *			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Oil Pump Broken								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : No.2 Boiler Head Valve And Vacuum Pumps In Boiler Room								
Steam Piping/Pump	95%			2033	$471,700			
Terminal Devices								
Air Handler	20%			2028	$233,300	1	$7,700	
Convector/Radiator	60%			2038	* *	1	$12,000	
Fan Coil Unit/Heat	10%	0-2	$7,700	2028	$153,700	1	$1,800	
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : Various Locations								
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : 1st Floor Hallway								
Explanation : No Heating Devices								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	0-2	$7,000	2028	$70,500	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,700	
Exhaust Fans								
Interior	90%			2028	$247,500	2	$1,700	
Roof	10%			2033	$12,000	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$237,500	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 50 Gallons. Undersized Unit. There Is Not Enough Hot Water.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Storm Drain Piping From Lower Roof. Leaking Features In Kitchen								
Sump Pump(s)								
Non-Submersible	100%	0-2	$600	2038	* *	4	$1,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Defective Bearing.								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Boiler Room								
Explanation : Undersized Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Boys Room 112 And Basement Rooms B02, B05								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$42,900	1-2	$900	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 131 - BK**		
Address	: **4305 FORT HAMILTON PKWY BTWN: 43 ST., 44 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K131**
Program / Asset #	: **BOE0437.000 / 1365**	**Yr Built/Renovated**	: **1901 / 2005**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **5603** **Lot** : **1**	**BIN**	: **3136085**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$519,400	$96,600
Interior Architecture	$772,100	$1,929,200
Electrical		$1,015,200
Mechanical	$944,000	$2,992,200
Site Pavements		$131,500
Total	**$2,235,400**	**$6,164,700**
Importance Code A	$519,400	$96,600
Importance Code B	$1,392,500	$6,068,100
Importance Code C	$323,600	
Total	**$2,235,400**	**$6,164,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$10,700
Interior Architecture	$119,400	$1,800		$9,200
Electrical	$45,300	$2,200	$2,900	$51,100
Mechanical	$55,100	$12,500	$22,900	$24,900
Site Pavements	$9,500			
Total	**$229,300**	**$16,600**	**$25,800**	**$95,900**
Importance Code A	$8,500	$8,500	$8,500	$19,400
Importance Code B	$166,900	$8,100	$17,300	$76,600
Importance Code C	$54,000			
Total	**$229,300**	**$16,600**	**$25,800**	**$95,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$41,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Scaffolding Installed Throughtout Building Exterior								
Masonry: Brick	90%			LIFE	* *	5	$96,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Windows								
Aluminum	100%	Now	$519,400	2048	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Glazing Clouded, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$3,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Copper/Terne	10%			2067	* *	5	$4,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Masonry: Brick	75%			LIFE	* *	5	$6,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Metal Cornice	5%			2060	* *	10	$1,300	
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	20%			2041	* *	10	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Under Construction								
Built-Up (BUR)	60%			2042	* *	10	$18,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Copper/Terne	5%			2047	* *	10	$3,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Modified Bitumen	15%			2037	* *	10	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Under Construction								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,900	
Ceramic Tile	3%	Now	$20,800	2041	* *	5	$1,800	
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Quarry Tile	2%			2045	* *	5	$3,700	
Vinyl Tile	55%	Now	$93,400	2032	$1,867,400	3	$25,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Door Thresholds								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$54,200	2042	* *	3	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Wood	25%	0-2	$36,700	2047	* *	5	$28,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	6%	Now	$63,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%	Now	$23,100	2035	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Masonry: Brick	3%	Now	$16,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Marble Panels	3%	Now	$14,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Plaster	60%	Now	$102,300	LIFE	* *	5	$25,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$157,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$8,000	2037	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,900	
Plaster	80%	Now	$300,900	LIFE	* *	5	$61,800	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2052	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fencing								
Explanation : Construction Fencing Covering Fence								
Site Pavements								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,500	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Fort Hamilton Parkway								
Explanation : Sidewalk Bridge Installed								
On-Site Walkways								
Cast in Place Concrete	50%			2045	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Bridge And Scaffolding Installed								
Pavers/Stone	50%			2035	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Court Entry								
Explanation : Sidewalk Bridge And Scaffolding Installed								
Activity Yard								
Asphalt	50%			2035	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Activity Yard								
Explanation : Inaccessible, Construction Fence And Sidewalk Bridge Installed								
Rubber Matting	50%			2032	$131,500			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Playground								
Explanation : Inaccessible, Construction Fence And Sidewalk Bridge Installed								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	100%			2032	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	80%			2031	$191,600	5	$1,800	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Thermoplastic	80%			2032	$233,400	1		
Thermoplastic	20%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$77,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$10,400	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$48,400	1	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$44,400	2042	* *	1-3	$9,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$26,600	
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$85,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	75%	0-2	$181,400	2032	$1,813,700	4	$3,200	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement, Feed Water Tank								
On Extended Life, Extent : Light, Area Affected : 10%								
Location : Throughout								
Central Plant Steam Piping/Pmp	25%			2032	$604,600	4	$1,600	
Terminal Devices								
Air Handler	20%			2032	$323,700	1	$10,600	
Convector/Radiator	50%	0-2	$17,600	2037	* *	1	$12,500	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Stream Trap								
Fan Coil Unit/Heat	20%			2027	$426,400	1	$5,600	
Unit Heater - Steam	10%			2032	$48,900	4	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$26,100	2027	$260,600	1		
Damaged, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	2-4	$75,500	LIFE	* *	2-5	$48,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Exhaust Fans								
Interior	50%			2032	$190,700	2	$1,300	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$8,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$59,500	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 131 - Q**		
Address	: **172 ST AND 84 AVENUE BTWN: 170 ST., 172 ST**		
Borough	: **QUEENS**	**Agency's Number**	: **Q131**
Program / Asset #	: **BOE0779.000 / 1563**	**Yr Built/Renovated**	: **1926 / 1990**
Area Sq Ft	: **57,777**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9875** **Lot** : **1**	**BIN**	: **4211112**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$276,600	$296,900
Interior Architecture	$694,500	
Electrical	$52,500	$722,300
Mechanical	$230,600	$508,200
Total	**$1,254,200**	**$1,527,500**
Importance Code A	$276,600	$296,900
Importance Code B	$977,600	$1,230,600
Total	**$1,254,200**	**$1,527,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,200	$33,400	$1,400	
Interior Architecture	$83,300	$3,300	$3,800	$3,300
Electrical	$2,400	$56,400	$1,600	$1,600
Mechanical	$14,900	$42,700	$12,800	$8,400
Total	**$112,800**	**$135,700**	**$19,600**	**$13,300**
Importance Code A	$17,700	$38,900	$6,900	$5,400
Importance Code B	$80,500	$96,800	$12,800	$7,800
Importance Code C	$14,600			
Total	**$112,800**	**$135,700**	**$19,600**	**$13,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	$12,200	LIFE	* *	5	$20,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Building Base								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$32,000	
Concrete Masonry Unit	2%			LIFE	* *	5	$1,000	
Masonry: Brick	63%	Now	$212,200	LIFE	* *	5	$51,500	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Masonry: Brick Cavity	12%			LIFE	* *	5	$9,800	
Masonry: Limestone	5%	Now	$64,400	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : East Facade								
Masonry: Marble	5%			LIFE	* *	5	$3,100	
Metal Panel	3%			2050	* *	5-10	$16,900	
Windows								
Aluminum	10%			2046	* *	5	$2,900	
Metal Louvers	5%			2039	* *	10	$9,000	
Wood	85%			2038	* *	5	$245,400	
Parapets								
Masonry: Brick	60%			LIFE	* *	5		
Masonry: Brick Cavity	10%			LIFE	* *	5		
Masonry: Limestone	5%			LIFE	* *	5		
Masonry: Marble	15%			LIFE	* *	5		
Metal Panel	5%			2050	* *	5		
Pre-Cast Concrete	5%			LIFE	* *	5		
Roof								
Asphalt Shingle	55%			2043	* *	10	$5,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roof Area								
Copper/Terne	5%			2045	* *	10	$6,800	
IRMA/Protected Membrane	25%			2035	* *	10	$13,700	
Single Ply Membrane	15%			2035	* *	10	$8,200	
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,500	
Mosaic Tile	3%			2035	* *	5	$6,500	
Quarry Tile	2%			2043	* *	5	$2,600	
Terrazzo	5%			LIFE	* *	5	$3,400	
Vinyl Tile	35%			2035	* *	3	$11,400	
Vinyl Tile	30%	Now	$72,100	2035	* *	3	$9,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Ground Floor Corridors								
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Ground Floor Corridors								
Wood	20%	Now	$622,400	2070	* *	5	$16,300	
Dry Rot/Decay, Extent : Severe, Area Affected : 60%								
Location : All Classrooms								
Patching Evident, Extent : Severe, Area Affected : 40%								
Location : All Classrooms								
Uneven Surface, Extent : Severe, Area Affected : 50%								
Location : All Classrooms								
Interior Walls								
Ceramic Tile	15%			2039	* *	5	$29,300	
Gypsum Board	10%			LIFE	* *	5	$11,700	
Marble Panels	2%			LIFE	* *			
Plaster	73%			LIFE	* *	5	$42,700	
Ceilings								
AcousTileSusp.Lay-In	5%			2043	* *	5	$4,300	
Exposed Struc: Concrete	10%	4+	$26,100	LIFE	* *	5	$1,400	
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Attic East End								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%	4+	$2,900	LIFE	* *	5	$5,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Kindergarten								
Plaster	75%	4+	$39,700	LIFE	* *	5	$40,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 212, 220, 1st Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2040	* *			
Iron Picket	20%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$17,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Fused Disc Sw	30%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2030	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2029	$14,000	5	$100	
Molded Case Bkrs	90%			2029	$125,700	5	$1,400	
Wiring								
Thermoplastic	100%			2030	$199,600	1		
Motor Controllers								
Locally Mounted	80%			2028	$57,300	5	$300	
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	99%			2035	* *	10	$52,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2035	* *	10		
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$7,000	
Exit, Service	10%			2025	$2,500	1		
Exit, Service	40%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$32,500	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$44,700	1-3	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Furnace	10%			2030	$18,000	1	$2,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Additional Section Roof								
Explanation : One Roof Mounted Furnace								
Steam Boiler	90%			2035	* *	1	$51,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	10%			2038	* *	4	$300	
Steam Piping/Pump	14%	0-2	$1,300	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Defective Vacuum Pump Seals, Boiler Room, Sub-basement Fan Room								
Steam Piping/Pump	76%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	3%	0-2	$3,300	2030	$32,600	1	$1,000	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Coil Of The Unit Serves The Auditorium.								
Air Handler	17%			2030	$184,800	1	$6,100	
Convector/Radiator	70%			2035	* *	1	$13,100	
Fan Coil Unit/Heat	10%			2030	$143,200	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	5%			2028	$45,700	2	$200	
Window/Wall Unit	10%			2025	$21,900	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,200	
Exhaust Fans								
Interior	90%			2025	$230,600	2	$1,600	
Roof	10%			2030	$11,200	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$147,500	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 100 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,300	2025	$11,600	4	$1,200	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Backflow Preventer								
Generic	100%			2035	* *	1	$3,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2030	$16,000	1-2	$300	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 132 - BK**
Address : **320 MANHATTAN AVENUE BTWN: METROPOLITAN AVE., CONSELY**
Borough : **BROOKLYN**
Agency's Number : **K132**
Program / Asset # : **BOE0438.000 / 1366**
Yr Built/Renovated : **1902 / 2011**
Area Sq Ft : **74,000**
Project Type : **EDUCATION**
Date of Survey : **26-Feb-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2759** **Lot** : **1**
BIN : **3068728**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$73,500	$391,300
Interior Architecture	$60,400	$308,400
Electrical	$66,400	$545,300
Mechanical	$218,200	$1,498,000
Total	**$418,500**	**$2,743,000**
Importance Code A	$73,500	$391,300
Importance Code B	$345,000	$2,351,700
Total	**$418,500**	**$2,743,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$33,100	$16,000	
Interior Architecture	$72,800	$30,500	$5,500	$5,500
Electrical	$43,800	$22,900	$6,900	$6,500
Mechanical	$92,200	$44,200	$24,700	$13,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$212,700**	**$134,600**	**$57,000**	**$29,100**
Importance Code A	$9,600	$38,700	$21,400	$5,400
Importance Code B	$130,400	$95,900	$35,600	$23,700
Importance Code C	$72,800			
Total	**$212,700**	**$134,600**	**$57,000**	**$29,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$49,300	
Masonry: Brick	75%			LIFE	* *	5	$94,700	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : South And East Elevations By Play Yard								
Metal Panel	13%			2050	* *	5-10	$112,900	
Stucco Cement	7%			2043	* *	5	$22,100	
Windows								
Aluminum	95%			2046	* *	5	$32,000	
Metal Louvers	5%			2039	* *	10	$10,500	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$9,600	
Metal Cornice	55%			2058	* *	10	$42,500	
Metal Panel	5%			2050	* *	5	$4,600	
Roof								
Built-Up (BUR)	20%			2030	$214,400	10	$18,400	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Penthouse Roofs								
Modified Bitumen	80%			2035	* *	10	$73,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,000	
Ceramic Tile	5%			2033	$308,400	5	$5,500	
Mosaic Tile	2%			2035	* *	5	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry Foyer								
Explanation : Decorative Motif								
Quarry Tile	5%			2035	* *	5	$8,200	
Sheet Vinyl/Rubber	3%			2035	* *	5	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Multipurpose Room								
Explanation : High Density Rubber								
Vinyl Tile	40%	4+	$60,400	2035	* *	3	$16,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout 1st Floor And Upper Floor Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 35%								
Location : Throughout 1st Floor And Upper Floor Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Vinyl Tile	40%			2035	* *	3	$16,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$6,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,100	
Glass: Single Pane	1%			LIFE	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Transoms Throughout								
Explanation : Decorative Motif								
Glass: Single Pane	3%			LIFE	* *	5	$2,900	
Gypsum Board	15%			LIFE	* *	5	$11,400	
Masonry: Brick	7%	Now	$33,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 12%								
Location : Basement Foundation Walls - Various								
Mosaic Tile	1%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Decorative Motif								
Plaster	58%	4+	$35,800	LIFE	* *	5	$22,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Ceilings								
AcousTileConcealSpLn	15%			2035	* *	5	$20,500	
AcousTileSusp.Lay-In	20%			2035	* *	5	$21,900	
Exposed Struc: Concrete	5%			LIFE	* *	5	$900	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Maintenance Rooms								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$6,800	
Plaster	45%			LIFE	* *	5	$30,800	
Site Enclosure								
Fence/Gates								
Chain Link	90%			2050	* *			
Iron Picket	10%			2050	* *			
Retaining Walls								
Cast in Place Concrete	70%			2065	* *			
Masonry: Brick	30%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	80%			2039	* *			
Rubber Matting	20%			2035	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$300	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%	0-2	$16,200	2046	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Nurse Office								
Explanation : Circuit Breakers Associated With Air Conditioning Units Frequently Trip.								
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : There Is Some Visible Rust On Grounding Plate.								
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$22,800	
Generators								
Diesel	100%			2033	$138,700	1	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 175 Kilowatt								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$16,500	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallon								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	99%			2035	* *	10	$66,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2030	$20,200	2		
Egress Lighting								
Emergency, Battery	50%			2030	$61,300	10	$8,800	
Exit, Service	50%			2025	$15,800	1		
Exterior Lighting								
HID	100%			2030	$345,300	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : The Principal And Custodian Stated That The Auditorium Public Address System Does Not Work.								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$9,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Conversion Equipment								
Heat Exchanger, Shell & Tube	25%			2033	$77,900			
Steam Boiler	75%	Now	$9,600	2035	* *	1	$48,900	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2038	* *	4	$1,800	
Steam Piping/Pump	50%			2040	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%			2030	$687,700	1	$22,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Penthouses And Basement								
Explanation : 8 Heating Ventilation Units								
Convector/Radiator	50%			2035	* *	1	$11,800	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	30%	Now	$52,100	2030	$520,700			
Broken, Extent : Severe, Area Affected : 30%								
Location : 1 Of 3 Units On Roof								
Window/Wall Unit	60%	Now	$49,800	2025	$166,100	1		
Broken, Extent : Severe, Area Affected : 50%								
Location : Various Classrooms And Multipurpose Room And Cafeteria								
No Component	10%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$9,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,800	
Exhaust Fans								
Roof	100%			2030	$141,800	2	$2,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$18,700	2035	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 2nd And 3rd Floors								
Explanation : Low Water Pressure Leading To No Water At Drinking Fountains								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 175 Gallon Storage Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,300	4	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
Generic	100%			2035	* *	1	$4,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$36,900	
Sprinkler								
No Component	40%							
Generic	60%			2040	* *	1-2	$12,300	
Fire Pump								
Generic	100%	Now	$3,500	2033	$69,800	1	$12,300	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Pump Room								
Explanation : Jockey Pump Controls Malfunctioning								
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 132 - BX**		
Address	: **1245 WASHINGTON AVENUE @E.168TH STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X132**
Program / Asset #	: **BOE0270.000 / 147**	**Yr Built/Renovated**	: **1960 / 2009**
Area Sq Ft	: **104,073**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2390** **Lot** : **1**	**BIN**	: **2001619**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,154,000	$59,700
Interior Architecture	$178,300	$288,300
Electrical	$457,900	$1,112,200
Mechanical	$1,063,900	$142,200
Total	**$2,854,200**	**$1,602,300**
Importance Code A	$1,698,300	$111,100
Importance Code B	$1,155,900	$1,392,600
Importance Code C		$98,700
Total	**$2,854,200**	**$1,602,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$46,000	$20,900	$11,700	$2,300
Electrical	$12,900	$3,500	$3,900	$58,700
Mechanical	$64,000	$20,400	$35,900	$43,000
Site Enclosure	$14,100	$6,600		
Site Pavements	$63,500			
Total	**$200,500**	**$51,400**	**$51,500**	**$104,100**
Importance Code A		$10,300	$10,300	$10,500
Importance Code B	$98,200	$34,500	$29,400	$93,500
Importance Code C	$102,200	$6,600	$11,700	
Total	**$200,500**	**$51,400**	**$51,500**	**$104,100**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$39,800	
Masonry: Brick	75%			LIFE	* *	5	$59,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$12,900	
Window Wall	10%			2058	* *	5	$29,800	
Windows								
Aluminum	100%	4+	$66,200	2048	* *	5	$34,700	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Classroom 232								
Roof								
Built-Up (BUR)	40%	Now	$490,800	2042	* *			
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Penthouse Roofs								
IRMA/Protected Membrane	60%	Now	$597,000	2042	* *			1
Insul Deter/Miss, Extent : Severe, Area Affected : 40%								
Location : Lower Roofs								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,600	
Interior								
Floors								
Cast in Place Concrete	20%	4+	$53,000	LIFE	* *	5	$68,100	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Quarry Tile	2%			2037	* *	5	$4,700	
Terrazzo	3%			LIFE	* *	5	$3,700	
Vinyl Tile	70%			2040	* *	3	$40,900	
Wood	5%			2060	* *	5	$14,600	
Interior Walls								
Ceramic Tile	10%			2041	* *	5	$23,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,400	
Gypsum Board	70%	Now	$46,000	LIFE	* *	5	$98,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Basement Corridors								
Masonry: Brick	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$125,300	2045	* *	5	$24,300	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Throughout Corridors, Basement								
Patching Evident, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	55%			LIFE	* *	5	$13,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2032	$121,500			
Plaster	10%			LIFE	* *	5	$9,700	
Site Enclosure								
Fence/Gates								
Aluminum Rail	20%			2045	* *	5-10	$10,800	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Roof								
Explanation : Roof Guard Railing								
Chain Link	75%			2042	* *			
Iron Picket	5%			2067	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$14,100	2067	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Washington Avenue								
Explanation : Missing Expansion Joints								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$40,900	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Center Courtyard								
Parking/Driveway								
Asphalt	100%	4+	$15,300	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking Area								
Activity Yard								
Asphalt	100%	Now	$7,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2032	$5,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$260,100	5	$2,700	
Raceway								
Conduit	100%			2032	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	90%			2031	$215,500	5	$2,500	
Wiring								
Braided Cloth	80%	2-4	$273,500	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$68,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main, Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$91,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$87,300	10	$12,600	
Exit, Service	50%			2027	$22,400	1		
Exterior Lighting								
HID	20%			2027	$97,100	10	$100	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$19,500	1	$3,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$19,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke, Smoke Detector, Strobe Lights, Pull Box, Alarm Bells, Horns, And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2052	* *	5	$32,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$544,300	2052	* *	1	$92,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. 6 Plugged Tubes In No. 1 Boiler, And 3 Plugged Tubes In No. 3 Boiler								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 2 Boilers In The Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Considerable Reduced Efficiency								
Distribution								
Central Plant Steam Piping/Pmp	90%			2058	* *	4	$4,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room. New Vacuum Pump								
Central Plant Steam Piping/Pmp	10%	Now	$14,600	2042	* *	4	$500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Upper Floor. Steam Line Leaking Inside Walls								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2037	* *	1	$12,900	
Convector/Radiator	80%	0-2	$204,200	2037	* *	1	$24,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. Leaking Radiators In Rooms 231, 232, 112, 111								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$31,500	2027	$315,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Various Locations. 25 Percentage Of Window, Wall Units Are Not Working								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,000	
Exhaust Fans								
Interior	70%			2037	* *	2	$2,200	
Roof	30%	Now	$3,000	2032	$60,600	2	$800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Exhaust Fan Broken Bearing								
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Bathroom, Kitchen Fan, 2nd Floor								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2045	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$10,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$20,800	4	$3,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2052	* *	1-2	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 132 - M**		
Address	: **185 WADSWORTH AVENUE BTWN: WEST 182 ST., WEST 183 S**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M132**
Program / Asset #	: **BOE0079.000 / 1725**	**Yr Built/Renovated**	: **1905 / 2000**
Area Sq Ft	: **81,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5**		
Block	: **2165** **Lot** : **26**	**BIN**	: **1063947**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$431,600	$158,300
Interior Architecture	$207,900	$4,374,300
Electrical	$287,800	$269,400
Mechanical	$182,900	$287,400
Site Pavements		$263,000
Total	**$1,110,200**	**$5,352,400**
Importance Code A	$431,600	$158,300
Importance Code B	$613,800	$4,808,800
Importance Code C	$64,800	$385,400
Total	**$1,110,200**	**$5,352,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,000	$15,400		
Interior Architecture	$74,200	$4,600		$6,100
Electrical	$26,200	$22,300	$2,300	$1,800
Mechanical	$44,000	$42,100	$19,400	$11,400
Site Enclosure	$13,600			
Site Pavements	$9,300			
Total	**$185,300**	**$84,400**	**$21,700**	**$19,400**
Importance Code A	$26,000	$23,600	$8,000	$8,000
Importance Code B	$137,600	$60,800	$13,700	$11,400
Importance Code C	$21,700			
Total	**$185,300**	**$84,400**	**$21,700**	**$19,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%	Now	$85,400	LIFE	* *	5	$67,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$91,200	
Metal Panel	7%			2040	* *	5-10	$51,600	
Windows								
Aluminum	100%	Now	$346,300	2046	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$16,000	
Masonry: Brick	60%			LIFE	* *	5	$4,900	
Metal Panel	8%			2050	* *	5	$2,600	
Metal Security Bars	2%			2045	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$2,600	
Roof								
Built-Up (BUR)	98%	Now	$18,000	2035	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof At Missing Flashing								
Metal Panel	2%			2043	* *	10	$1,200	
Interior								
Floors								
Asphalt Poured	17%	Now	$15,500	2035	* *	5	$5,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Stair Landings								
Cast in Place Concrete	5%			LIFE	* *	5	$13,400	
Ceramic Tile	3%	Now	$4,200	2033	$207,900	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets								
Mosaic Tile	3%			2035	* *	5	$9,200	
Vinyl Tile	40%	Now	$67,900	2030	$1,358,100	3	$18,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Corridors And Cafeteria								
Wood	32%	Now	$46,900	2033	$2,345,700	5	$36,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Throughout Auditorium And Classrooms								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%								
Location : Throughout Auditorium And Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$7,700	2033	$385,400	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Staff Toilets								
Plaster	95%	Now	$64,800	LIFE	* *	5	$39,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceilings								
Plaster	100%	Now	$75,200	LIFE	* *	5	$77,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Classrooms Throughout								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$13,600	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$8,900	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Of Building West Side								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	100%	0-2	$400	2033	$18,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Lot								
Activity Yard								
Rubber Matting	100%			2030	$263,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	50%			2030	$100,900	1		
Conduit	50%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Fused Knife Sw	10%	0-2	$24,000	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	30%			2029	$71,800	5	$600	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Explanation : Auditorium Panel Near End Of Life								
Molded Case Bkrs	50%			2046	* *	5	$1,100	
Wiring								
Braided Cloth	70%	2-4	$204,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$400	
Locally Mounted	20%			2028	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$72,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$19,200	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$9,800	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$200	
Damaged Fixtures, Extent : Light, Area Affected : 5%								
Location : West Roof Area								
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$83,600	1-3	$20,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 2,500 Gallon Tanks For No.2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$80,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$32,400	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Various Traps And Piping								
Terminal Devices								
Air Handler	20%	Now	$182,900	2040	* *	1	$9,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
Convector/Radiator	80%			2035	* *	1	$20,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	2%			2035	* *			
Window/Wall Unit	10%			2025	$30,700	1		
No Component	88%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2030	$287,400	2	$2,000	
Roof	20%			2030	$31,400	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2050	* *	1		
Galvanized Steel	98%			2035	* *	1		
Water Heater With Tanks								
Electric	10%			2028	$2,400	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor And 1st Floor								
Explanation : Location In Bathrooms At The Ceiling								
Gas Fired	90%	Now	$300	2030	$15,400	2		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Cracked And Leaking Storage Tank In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$16,200	4	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
No Component	95%							
Generic	5%			2035	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Kitchen And Basement								
Explanation : Locations Indicated								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 132 - Q**		
Address	: **132-15 218TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q132**
Program / Asset #	: **BOE0780.000 / 2535**	**Yr Built/Renovated**	: **1928 / 2003**
Area Sq Ft	: **51,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12927** **Lot** : **28**	**BIN**	: **4278380**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,406,100	$80,800
Interior Architecture	$109,500	$1,799,400
Electrical	$59,900	$184,900
Mechanical	$88,900	$1,344,700
Site Enclosure	$79,300	
Total	**$1,743,700**	**$3,409,700**
Importance Code A	$1,495,100	$80,800
Importance Code B	$169,300	$3,328,900
Importance Code C	$79,300	
Total	**$1,743,700**	**$3,409,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$57,800	$17,300		
Interior Architecture	$165,500		$6,400	$6,700
Electrical	$6,200	$4,800	$5,900	$4,800
Mechanical	$53,300	$8,100	$11,800	$7,500
Site Enclosure	$5,900			
Site Pavements	$14,500			
Total	**$303,100**	**$30,100**	**$24,000**	**$19,000**
Importance Code A	$57,800	$22,400	$5,100	$5,100
Importance Code B	$141,500	$7,800	$17,200	$13,900
Importance Code C	$103,900		$1,800	
Total	**$303,100**	**$30,100**	**$24,000**	**$19,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$72,500	
Masonry: Brick	87%	Now	$1,330,200	LIFE	* *	5	$80,800	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : South Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Stair C, Rooms 219, 319, Foundation								
Masonry: Limestone	5%			LIFE	* *	5	$7,000	
Masonry: Limestone	3%			LIFE	* *	5	$4,200	
Windows								
Aluminum	95%			2049	* *	5	$21,700	
Metal Louvers	5%			2042	* *	10	$7,100	
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$88,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Metal Rail	15%			2050	* *	5-10	$44,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Railing Attached To New Parapet Walls								
Pre-Cast Concrete	5%			LIFE	* *	5	$10,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : New Coping Stones For New Parapet Walls								
Roof								
Copper/Terne	2%			2073	* *	10	$2,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Stair Bulkhead								
Modified Bitumen	98%			2043	* *	10	$47,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Interior								
Floors								
Asphalt Poured	10%			2038	* *	5	$3,700	
Cast in Place Concrete	5%			LIFE	* *	5	$16,000	
Mosaic Tile	2%			2038	* *	5	$3,700	
Terrazzo	5%			LIFE	* *	5	$5,700	
Vinyl Tile	70%			2033	$1,412,600	3	$25,600	
Vinyl Tile 9" X 9"	3%			2028	$386,800	3	$1,100	
Wood	5%			2048	* *	5	$6,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	4+	$27,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2036	* *	5	$3,600	
Masonry: Brick	10%			LIFE	* *	10	$2,200	
Marble Panels	3%			LIFE	* *	10	$900	
Plaster	70%			LIFE	* *	5-10	$43,300	
Plaster	7%	Now	$24,800	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Rooms 219, 319								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Rooms 219, 319								
Ceilings								
AcousTileConcealSpLn	10%			2046	* *	5	$9,100	
AcousTileSusp.Lay-In	5%			2038	* *	5	$3,700	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$18,300	
Exposed Struc: Concrete	5%	Now	$109,500	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Metal Panel	5%			LIFE	* *	5	$9,100	
Plaster	55%			LIFE	* *	5-10	$69,100	
Site Enclosure								
Fence/Gates								
Chain Link	55%	Now	$5,900	2043	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Gate Broken On 130th Road								
Iron Picket	45%	4+	$79,300	2068	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$14,500	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stairs Facing Play Yard								
Activity Yard								
Asphalt	80%			2042	* *			
Pavers/Stone	8%			2042	* *			
Rubber Matting	2%			2038	* *			
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	70%			2033	$101,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	5%			2032	$7,000	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$1,200	
Wiring								
Braided Cloth	30%	2-4	$59,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$35,800	5	$200	
Locally Mounted	50%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$45,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$6,200	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$47,600	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2028	$47,900	1	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	50%			2041	* *	1	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside Of The Building								
Explanation : CCTV Surveillance Camera								

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$31,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Auditorium And Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$88,900	2038	* *	1	$45,500	
Broken, Extent : Moderate, Area Affected : 20%								
Location : 10 Plugged Tubes In No. 2 Boiler								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Boiler No. 2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	0-2	$2,000	2033	$20,400			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Condensate Return Piping								
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Pumps, Basement Boiler Room								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump Is Not Working								
Steam Piping/Pump	95%			2033	$388,000			
Terminal Devices								
Air Handler	30%			2028	$287,900	1	$9,500	
Convector/Radiator	70%	0-2	$29,200	2031	$291,900	1	$10,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Radiator In Room 209								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$3,900	2028	$38,600	1		
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : 5 Units Are Not Working. Various Locations								
No Component	80%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,000	
Exhaust Fans								
Interior	100%			2028	$226,200	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$130,200	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	5%			LIFE	* *	1		
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$10,200	4	$1,600	
Backflow Preventer								
Generic	100%			2028	$22,800	1	$3,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$21,200	1-2	$400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 133 - BK WILLIAM A. BUTLER**
Address : **610 BALTIC STREET**
Borough : **BROOKLYN**
Program / Asset # : **BOE1133.000 / 14879**
Area Sq Ft : **110,588**
Date of Survey : **08-Dec-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5,Ph**
Block : **940** **Lot** : **111**

Agency's Number : **K317**
Yr Built/Renovated :
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$354,200	$412,700
Interior Architecture	$523,200	$273,500
Electrical		$91,300
Mechanical		$231,500
Total	**$877,400**	**$1,009,000**
Importance Code A	$354,200	$412,700
Importance Code B	$63,500	$386,300
Importance Code C	$459,700	$210,000
Total	**$877,400**	**$1,009,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,800	$21,000	$2,100	
Interior Architecture	$91,100	$31,200	$23,800	
Electrical	$25,000	$18,000	$20,700	$20,500
Mechanical	$101,900	$37,500	$69,700	$24,100
Site Pavements	$24,400			
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$315,000**	**$125,500**	**$134,100**	**$62,300**
Importance Code A	$60,600	$26,500	$7,600	$5,500
Importance Code B	$236,800	$88,100	$126,500	$56,800
Importance Code C	$17,500	$10,900		
Total	**$315,000**	**$125,500**	**$134,100**	**$62,300**

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DEPARTMENT OF EDUCATION - 040
P. S. 133 - BK WILLIAM A. BUTLER
Asset # : 14879

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$358,200	
Glass Block	5%			LIFE	* *	5	$9,600	
Masonry: Brick Cavity	80%			LIFE	* *	5	$244,500	
Windows								
Aluminum	99%			2055	* *	5	$33,900	
Metal Louvers	1%			2046	* *	10	$2,100	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$105,700	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$32,300	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$31,100	
Metal Rail	5%			2050	* *	5-10	$10,300	
Roof								
Copper/Terne	5%			2068	* *	10	$7,700	
IRMA/Protected Membrane	95%			2041	* *	10	$58,500	
Interior								
Floors								
Carpet	2%			2034	* *	3	$5,000	
Quarry Tile	15%			2050	* *	5	$37,200	
Sheet Vinyl/Rubber	5%			2041	* *	5	$12,400	
Terrazzo	10%			LIFE	* *	5	$25,900	
Traffic Topping	5%			2041	* *	5	$10,300	
Vinyl Tile	60%			2041	* *	3	$37,200	
Wood	3%	Now	$5,900	2068	* *	5	$4,700	
Misaligned/Bulging, Extent : Light, Area Affected : 2% Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$109,400	
Ceramic Tile	11%	Now	$52,900	2046	* *	5	$24,100	
Cracking/Crumbling, Extent : Light, Area Affected : 1% Location : Base Of Walls Throughout								
Ceramic Tile	24%			2046	* *	5	$105,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$35,000	
Folding Partition	2%			2055	* *	5	$21,900	
Gypsum Board	40%			LIFE	* *	5-10	$297,400	
Wood	3%			LIFE	* *	5	$105,000	
Ceilings								
AcousTileSusp.Lay-In	7%	4+	$4,400	2050	* *	5	$5,700	
Staining/Discoloring, Extent : Light, Area Affected : 5% Location : Room 514								
AcousTileSusp.Lay-In	78%			2050	* *	5	$127,000	
Exposed Struc: Steel	10%			LIFE	* *	10	$32,600	
Gypsum Board	5%			LIFE	* *	5-10	$28,000	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
P. S. 133 - BK WILLIAM A. BUTLER
Asset # : 14879

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2059	* *			
Iron Picket	50%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	40%			2077	* *			
Masonry: Brick	60%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2077	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,100	2050	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Baltic Street								
On-Site Walkways								
Cast in Place Concrete	80%			2050	* *			
Pavers/Stone	20%			2046	* *			
Activity Yard								
Rubber Matting	25%			2041	* *			
Traffic Topping	75%	0-2	$8,400	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Activity Yard								
Ponding, Extent : Light, Area Affected : 5%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 5,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$2,900	
Wiring								
Thermoplastic	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 133 - BK WILLIAM A. BUTLER
Asset # : 14879

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$600	
Locally Mounted	1%	Now	$1,800	2053	* *	5		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Variable Frequency Drive	19%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$34,000	
Generators								
Diesel	100%			2042	* *	1	$42,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,100	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$91,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	20%			2038	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$600	
Alarm								
Security System								
Generic	100%			2038	* *	1	$41,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040
P. S. 133 - BK WILLIAM A. BUTLER
Asset # : 14879

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$68,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	24%	0-2	$1,700	2038	* *	1	$11,800	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Unit No.7 On Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 7 Rooftop Package Units								
Furnace	56%			2038	* *	1	$30,600	
Hot Water Boiler	20%			2046	* *	1	$10,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2049	* *	4	$1,600	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2046	* *	1	$7,100	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2038	* *	2	$6,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 7 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$179,900	
Ventilation								

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DEPARTMENT OF EDUCATION - 040
P. S. 133 - BK WILLIAM A. BUTLER
Asset # : 14879

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	99%			LIFE	* *	2-5	$96,700	
Ductwork/Diffusers	1%	0-2	$2,400	LIFE	* *	2-5	$600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Water Leaks To Lower Floor When It Rains.								
Exhaust Fans								
Roof	100%			2038	* *	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	5%	0-2	$3,600	2053	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 5%								
Location : Leaking, Basement Sprinkler Room								
Brass/Copper	95%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Tankless Unit With A 318 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Sets Of Pumps								
Backflow Preventer								
Generic	100%			2038	* *	1	$6,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Passenger Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$31,000	
Fire Pump								
Generic	100%			2042	* *	1	$20,700	

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DEPARTMENT OF EDUCATION - 040
P. S. 133 - BK WILLIAM A. BUTLER
Asset # : 14879

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2031	$163,200	1-3	$148,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Covers 40 Square Feet In Kitchen.								
Explanation : 1 Set								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 133 - M**		
Address	: **2121 5TH AVENUE BTWN:EAST 130 ST., EAST 131 ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M133**
Program / Asset #	: **BOE0080.000 / 1726**	**Yr Built/Renovated**	: **1949 / 2001**
Area Sq Ft	: **68,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,Ph**		
Block	: **1755** **Lot** : **1**	**BIN**	: **1054276**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$137,000	$743,100
Interior Architecture	$7,272,800	$160,700
Electrical	$354,800	$508,500
Mechanical	$206,100	$1,153,900
Site Pavements	$67,500	
Total	**$8,038,100**	**$2,566,100**
Importance Code A	$137,000	$1,335,800
Importance Code B	$7,833,600	$1,230,300
Importance Code C	$67,500	
Total	**$8,038,100**	**$2,566,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,000		$12,300	
Interior Architecture	$36,900	$15,500	$3,200	
Electrical	$44,400	$6,500	$7,600	$6,300
Mechanical	$30,600	$20,000	$15,900	$9,400
Site Pavements	$15,900			
Total	**$173,800**	**$41,900**	**$39,000**	**$15,800**
Importance Code A	$52,800	$6,900	$19,100	$6,700
Importance Code B	$117,900	$35,000	$20,000	$9,100
Importance Code C	$3,100			
Total	**$173,800**	**$41,900**	**$39,000**	**$15,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$104,200	
Masonry: Limestone	3%			LIFE	* *	5	$2,400	
Windows								
Aluminum	95%			2046	* *	5	$24,700	
Glass Block	5%	Now	$7,000	LIFE	* *	5	$800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Parapets								
Masonry: Brick	95%	Now	$137,000	LIFE	* *	5	$21,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$7,100	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$31,900	2030	$638,900			
Drains Clogged, Extent : Moderate, Area Affected : 5%								
Location : Over Gymnasium And Auditorium								
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 10%								
Location : Over Gymnasium And Auditorium								
Ponding, Extent : Light, Area Affected : 10%								
Location : Over Gymnasium And Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Classroom 318, 320								
Soffits								
Metal Panel	100%			2040	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,500	
Ceramic Tile	3%			2039	* *	5	$3,100	
Panel/Paver: Cer/Brk	5%			2038	* *	5	$11,600	
Sheet Vinyl/Rubber	5%			2035	* *	5	$7,700	
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	25%			2035	* *	3	$9,700	
Vinyl Tile 9" X 9"	40%			2025	$7,272,800	3	$15,500	
Wood	10%	Now	$12,300	2045	* *	5	$9,700	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$3,100	2039	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$15,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	0-2	$19,900	2043	* *	5	$15,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 318								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Classrooms 318								
AcousTileConcealSpLn	10%			2035	* *	5	$12,900	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Fiber Board	10%			2030	$160,700			
Plaster	40%			LIFE	* *	5	$25,800	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2050	* *			
Iron Picket	90%			2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$15,900	2043	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Along 130 Street								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Along 130 Street								
Explanation : Tree Causing Heaving								
On-Site Walkways								
Cast in Place Concrete	40%			2043	* *			
Masonry: Granite	60%	Now	$67,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Main Entrance								

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DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Rubber Matting	100%			2030				
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Yard								
Explanation : Playground Condemned Due To Equipment Failure								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$195,100	2060	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2030	$137,400	1		
Conduit	5%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$9,000	5	$100	
Fused Disc Sw	5%			2038	* *	5	$100	
Fused Knife Sw	15%	0-2	$26,900	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room, Mechanical Penthouse								
Molded Case Bkrs	75%			2029	$134,700	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$159,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Corroded								

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DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2040	* *	10	$58,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2040	* *	10	$1,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$57,100	10	$8,200	
Exit, Service	50%			2030	$14,700	1		
Alarm								
Security System								
Generic	100%			2038	* *	1	$25,400	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$41,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$21,100	
Conversion Equipment								
Steam Boiler	100%			2028	$592,700	1	$67,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	25%			2030	$319,900	1	$10,500	
Convector/Radiator	75%			2035	* *	1	$16,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2025	$206,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,900	
Exhaust Fans								
Interior	80%			2030	$241,300	2	$1,700	
Roof	20%			2030	$26,400	2	$400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$17,400	2035	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement								
Explanation : Some Bad Mixing Valves								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Instantaneous Type, Feeds Storage Tank Of Heat Exchanger								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$10,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$13,600	4	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2040	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 133 - Q**		
Address	: **248-05 86 AVENUE BTWN: 249 ST., 248 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q133**
Program / Asset #	: **BOE0781.000 / 1564**	**Yr Built/Renovated**	: **1930 / 2009**
Area Sq Ft	: **56,131**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8616** **Lot** : **1**	**BIN**	: **4175739**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$382,300	
Interior Architecture	$88,100	$1,160,500
Electrical	$516,200	$237,900
Mechanical	$410,400	$1,476,400
Total	**$1,397,000**	**$2,874,800**
Importance Code A	$382,300	
Importance Code B	$1,014,700	$2,874,800
Total	**$1,397,000**	**$2,874,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$6,700		$25,400
Interior Architecture	$22,700	$15,800	$3,200	$5,300
Electrical	$60,900	$45,500	$1,600	$1,600
Mechanical	$34,100	$68,200	$12,100	$9,800
Site Enclosure	$12,400			
Total	**$130,100**	**$136,200**	**$16,800**	**$42,000**
Importance Code A	$5,600	$12,300	$5,600	$30,900
Importance Code B	$100,400	$123,800	$11,300	$11,100
Importance Code C	$24,100			
Total	**$130,100**	**$136,200**	**$16,800**	**$42,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	63%	Now	$201,900	LIFE	* *	5	$49,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation At 1930 Wing, Lunch Room								
Masonry: Brick Cavity	28%			LIFE	* *	5	$21,800	
Masonry: Granite	2%			LIFE	* *	5	$1,200	
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Masonry: Limestone	2%			LIFE	* *	5	$1,200	
Windows								
Aluminum	100%	4+	$121,400	2046	* *	5	$12,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Parapets								
Masonry: Brick Cavity	25%			LIFE	* *	5	$2,900	
Masonry: Brick Cavity	50%			LIFE	* *	5	$5,800	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Rail	20%			2047	* *	5-10	$41,800	
Roof								
Built-Up (BUR)	95%	Now	$59,100	2035	* *			
Drains Inad/Misposn, Extent : Severe, Area Affected : 20%								
Location : Over Room 301								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stair 3, Room 301								
Copper/Terne	5%			2065	* *	10	$6,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,200	
Ceramic Tile	5%			2039	* *	5	$4,200	
Vinyl Tile	30%			2035	* *	3	$9,500	
Vinyl Tile	50%			2030	$1,160,500	3	$21,000	
Wood	10%			2045	* *	5	$15,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,600	
Glass: Single Pane	2%			LIFE	* *	5	$1,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	48%	4+	$15,300	LIFE	* *	5	$9,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lunch Room								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%			2035	* *	5	$15,800	
Exposed Struc: Concrete	25%	4+	$62,900	LIFE	* *	5	$3,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 301								
Exposed Struc: Concrete	10%	Now	$25,200	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Boiler Room								
Plaster	50%			LIFE	* *	5	$26,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$8,800	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$3,600	2065	* *			
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	95%			2039	* *			
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches For A And B Section								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$195,100	2060	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2029	$14,000	5	$100	
Fused Knife Sw	35%	2-4	$48,900	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fused Toggle Switch	45%	2-4	$62,900	2055	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2038	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$179,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$57,300	5	$300	
Locally Mounted	20%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$50,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$6,800	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2025	$78,600	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$31,600	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Some Offices								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$43,400	1-3	$10,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 6,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$55,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$9,000	2030	$449,500			
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various In Old Wing								
Terminal Devices								
Air Handler	20%			2025	$211,300	1	$6,900	
Convector/Radiator	40%	0-2	$3,700	2028	$183,600	1	$6,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Areas								
Fan Coil Unit/Heat	40%	0-2	$11,100	2030	$556,700	1	$6,500	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2025	$21,300	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,300	
Exhaust Fans								
Interior	80%			2025	$199,200	2	$1,400	
Roof	20%			2025	$21,800	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2040	* *	1		
Galvanized Steel	40%			2028	$286,600	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	0-2	$4,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking To Room No.301								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,200	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$2,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$23,300	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 134 - BK**		
Address	: **4001 18 AVE. @ E. 5TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K849**
Program / Asset #	: **BOE0445.010 / 1347**	**Yr Built/Renovated**	: **1901 / 2007**
Area Sq Ft	: **35,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jul-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5416** **Lot** : **48**	**BIN**	: **3127692**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$75,300	
Interior Architecture	$4,293,200	$248,600
Electrical	$54,000	$271,500
Mechanical	$92,800	$369,300
Total	**$4,515,300**	**$889,500**
Importance Code A	$75,300	
Importance Code B	$4,440,000	$889,500
Total	**$4,515,300**	**$889,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$94,900		$11,200	
Interior Architecture	$141,000		$2,000	$5,300
Electrical	$29,600	$1,300	$69,900	$1,300
Mechanical	$4,900	$4,500	$5,100	$4,700
Site Enclosure	$5,800			
Site Pavements	$17,300			
Total	**$293,500**	**$5,800**	**$88,100**	**$11,300**
Importance Code A	$98,400	$3,500	$14,700	$3,500
Importance Code B	$102,600	$2,400	$73,400	$7,800
Importance Code C	$92,500			
Total	**$293,500**	**$5,800**	**$88,100**	**$11,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$21,400	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%	4+	$75,300	LIFE	* *	5	$45,700	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Masonry: Limestone	10%	0-2	$42,400	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$12,200	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$2,600	
Masonry: Limestone	10%			LIFE	* *	5	$400	
Metal Rail	10%			2036	* *	5-10	$6,000	
Roof								
Metal, Corrugated	5%	4+	$2,200	2036	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Modified Bitumen	30%			2036	* *	10	$7,600	
Slate	65%	4+	$22,800	LIFE	* *			
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,800	
Mosaic Tile	5%	Now	$24,900	2029	$248,600	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Entry Vestibule And Bathrooms								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Entry Vestibule And Bathrooms								
Quarry Tile	5%			2036	* *	5	$4,000	
Vinyl Tile	35%			2036	* *	3	$9,300	
Vinyl Tile 9" X 9"	45%	Now	$84,200	2026	$4,209,000	3	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	5%			2059	* *	5	$5,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$6,700	2034	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Girls Bathroom								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,000	
Glass: Single Pane	5%			LIFE	* *	5	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Metal Cages With Wire Mesh And Safety Glass								
Masonry: Brick	20%	Now	$37,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Water Meter								
Plaster	65%	Now	$38,400	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	8%	Now	$3,500	2036	* *	5	$2,100	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Gymnasium, Auditorium								
Exposed Struc: Steel	7%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$3,300	
Plaster	80%	Now	$25,800	LIFE	* *	5	$26,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%	Now	$3,500	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Above Covered Walkway								
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Rear Yard								
Iron Picket	60%	4+	$2,300	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$4,700	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	100%	2-4	$12,600	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$15,800	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Fused Disc Sw	30%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2031	$91,000	5	$100	
Fused Disc Sw	30%			2051	* *	5		
Raceway								
Conduit	80%			2031	$49,000	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$8,000	5	$100	
Fused Toggle Switch	2%	2-4	$2,000	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	60%			2030	$59,900	5	$600	
Molded Case Bkrs	30%			2047	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$54,000	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$15,400	1		
Thermoplastic	10%			2051	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	95%			2039	* *	10	$30,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$4,200	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	30%			2026	$49,000	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$19,700	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$27,100	2041	* *	1-3	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 5,000 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$34,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Convector/Radiator	90%			2029	$257,600	1	$10,200	
Unit Heater - Steam	10%			2031	$19,900	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2026	$92,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$3,900	
No Component	80%							
Exhaust Fans								
Interior	10%			2031	$15,500	2	$100	
Roof	10%			2036	* *	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2041	* *	1		
Galvanized Steel	25%			2029	$111,700	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$1,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 134 - BK MINISCHOOL**				
Address	: **4001 18 AVE. @ E. 5TH ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K839**
Program / Asset #	: **BOE0445.020 / 2938**			**Yr Built/Renovated**	: **1989 / 2010**
Area Sq Ft	: **12,600**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jul-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **5416**	**Lot**	: **48**	**BIN**	: **3127692**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$450,400
Electrical		$180,000
Site Enclosure	$74,100	
Site Pavements	$81,600	
Total	**$155,700**	**$630,500**
Importance Code B		$630,500
Importance Code C	$155,700	
Total	**$155,700**	**$630,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,900			
Interior Architecture	$4,800	$2,000		
Electrical	$900	$1,000	$42,300	$800
Mechanical	$600	$700	$48,900	$700
Total	**$53,200**	**$3,700**	**$91,200**	**$1,500**
Importance Code A	$47,500	$600	$700	$600
Importance Code B	$5,100	$3,100	$90,500	$900
Importance Code C	$500			
Total	**$53,200**	**$3,700**	**$91,200**	**$1,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 134 - BK MINISCHOOL
Asset # : 2938

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	4+	$31,900	2041	* *	5	$45,100	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	98%	Now	$1,300	2039	* *	5	$700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Classrooms								
Glass Block	2%	Now	$900	LIFE	* *	5		
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Room 11								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								
Explanation : Painted Over								
Roof								
Metal Panel	100%	Now	$12,800	2048	* *			
Drains Clogged, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,000	
Mosaic Tile	5%	Now	$4,300	2036	* *	5	$1,100	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Entry Vestibules								
Vinyl Tile	90%			2031	$450,400	3	$6,100	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$1,000	
Gypsum Board	95%			LIFE	* *	5	$11,400	
Ceilings								
AcousTileSusp.Lay-In	80%			2048	* *	5	$17,700	
Exposed Struc: Steel	20%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$74,100	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Front Entry								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK MINISCHOOL

Asset # : 2938

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	70%			2036	* *			
Panel/Paver: Concrete	30%	Now	$81,600	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Front Entry Plaza								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Entry Plaza								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Front Entry Plaza Tree Pit								
Explanation : Tripping Hazard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$108,400	5	$100	
Raceway								
Conduit	100%			2031	$25,700	1		
Panelboards								
Fused Disc Sw	10%			2030	$4,000	5		
Molded Case Bkrs	90%			2030	$35,900	5	$300	
Wiring								
Thermoplastic	100%			2031	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,500	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	30%			2031	$17,600	10		
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK MINISCHOOL

Asset # : 2938

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$7,100	1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$32,500	1-3	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	100%			2031	$39,200	1	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Explanation : Two Units								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2026	$47,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$4,200	
No Component	40%							
Exhaust Fans								
Interior	50%			2031	$27,900	2	$200	
Roof	10%			2031	$2,400	2		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 134 - BX**
Address : **1330 BRISTOW STREET BTWN: JENNINGS ST., FREEMAN ST.**
Borough : **BRONX** | **Agency's Number** : **X134**
Program / Asset # : **BOE0271.000 / 398** | **Yr Built/Renovated** : **1965 / 2013**
Area Sq Ft : **82,000** | **Project Type** : **EDUCATION**
Date of Survey : **11-Apr-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2965** **Lot** : **82** | **BIN** : **2010273**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$343,800	$157,400
Interior Architecture	$959,600	$1,164,200
Electrical	$278,100	$881,200
Mechanical	$738,000	$2,551,800
Site Pavements	$53,400	
Total	**$2,372,900**	**$4,754,600**
Importance Code A	$772,600	$157,400
Importance Code B	$1,416,500	$4,256,800
Importance Code C	$183,800	$340,400
Total	**$2,372,900**	**$4,754,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$500	$10,400		
Interior Architecture	$47,700	$5,100		$11,000
Electrical	$8,100	$76,900	$2,300	$2,400
Mechanical	$67,300	$40,300	$22,200	$11,200
Total	**$123,600**	**$132,600**	**$24,500**	**$24,600**
Importance Code A	$500	$18,700	$8,100	$8,100
Importance Code B	$123,100	$114,000	$16,400	$16,400
Importance Code C				
Total	**$123,600**	**$132,600**	**$24,500**	**$24,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$5,000	
Masonry: Brick Cavity	95%			LIFE	* *	5	$47,800	
Pre-Cast Concrete	3%			LIFE	* *	5	$4,900	
Windows								
Aluminum	100%	4+	$343,800	2046	* *	5	$12,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Parapets								
Metal Panel	85%			2050	* *	5	$20,700	
Metal: Cage/Fence	10%			2043	* *	5-10	$4,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,000	
Roof								
Metal Panel	2%	4+	$500	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Staircase D								
Modified Bitumen	98%			2038	* *	10	$89,900	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$67,500	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$44,400	
Ceramic Tile	5%			2033	$381,300	5	$6,800	
Sheet Vinyl/Rubber	5%			2035	* *	5	$10,100	
Sheet Vinyl/Rubber	5%	4+	$22,100	2030	$442,500	5	$5,100	
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Calssrooms 101,13,105 And 107								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile 9" X 9"	65%	Now	$775,800	2040	* *	3	$33,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors, 1st And 2nd Floor, Classrooms								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stairs And Corridors								
Interior Walls								
Cast in Place Concrete	5%	Now	$78,400	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Hot Water Heater. Water From Sidewalk Hatch Above								
Ceramic Tile	3%			2033	$340,400	5	$6,200	
Concrete Masonry Unit	25%			LIFE	* *	5	$20,600	
Plaster	42%	Now	$105,400	LIFE	* *	5	$26,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout, Classroom 220 And Staircase D								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	Now	$25,600	2035	* *	5	$19,900	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasiums								
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	5%			2035	* *			
Gypsum Board	5%			LIFE	* *	5	$8,300	
Plaster	58%			LIFE	* *	5	$48,000	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$53,400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Jennings Street And Bristow Street Exit 4								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Jennings Street								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	95%			2039	* *			
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$31,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2030	$4,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	20%			2030	$9,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch For Mini School								

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	95%			2030	$191,700	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Fused Toggle Switch	2%	2-4	$4,800	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Molded Case Bkrs	83%			2029	$198,800	5	$1,800	
Molded Case Bkrs	5%			2052	* *	5	$100	
Wiring								
Braided Cloth	50%	2-4	$145,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	45%			2030	$131,300	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$59,700	5	$300	
Variable Frequency Drive	50%			2047	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$67,700	
Other Observation, Extent : Light, Area Affected : 88%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	6%			2038	* *	10	$4,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Room, Boiler Room, Tank Room And Some Hallway								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$68,800	10	$9,900	
Exit, Service	50%			2025	$17,700	1		
Exterior Lighting								
LED	100%			2038	* *			
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$46,200	1	$9,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Detector Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$63,500	1-3	$15,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$190,700	5	$25,400	
Conversion Equipment								
Steam Boiler	100%	2-4	$428,800	2050	* *	1	$73,100	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : No. 1 Boiler Brick Wall.								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Leaks From The Burners.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Repairs In Progress, Extent : N/A, Area Affected : 50%								
Location : Retubing At No.2 Boiler.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	30%	0-2	$3,900	2030	$197,000			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement.								
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Defective Return System, Throughout.								
Steam Piping/Pump	70%			2030	$459,600			

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%	0-2	$23,100	2025	$231,500	1	$6,800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium, Cafeteria And Hallways, Defective Temperature Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Cafeteria, Fan Room, And Auditorium Blowers Are Beyond Their Useful Life Cycle Rating								
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Cafeterias Unit.								
Convector/Radiator	10%	0-2	$13,400	2035	* *	1	$2,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Defective Thermostatic, Various Locations								
Convector/Radiator	65%			2028	$435,800	1	$17,200	
Fan Coil Unit/Heat	10%			2030	$203,300	1	$2,700	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	25%	0-2	$15,500	2025	$77,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 75%								
Location : Throughout Multiple Mechanical And Or Electrical Defects								
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	
Exhaust Fans								
Interior	25%			2030	$90,900	2	$600	
Roof	75%			2038	* *	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2040	* *	1		
Galvanized Steel	40%			2028	$418,700	1		
Water Heater With Tanks								
Gas Fired	100%	2-4	$2,000	2030	$102,500	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2030	$396,500	4	$8,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$5,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	0-2	$800	2025	$16,400	4	$1,700	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Out Of 2 Units, Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$56,700	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 134 - M**		
Address	: **293 EAST BROADWAY @ GRAND ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M134**
Program / Asset #	: **BOE0081.000 / 1727**	**Yr Built/Renovated**	: **1960 / 2009**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **288** **Lot** : **1**	**BIN**	: **1003736**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$171,800	$171,800
Interior Architecture	$130,900	$2,344,600
Electrical	$233,400	$927,800
Mechanical		$514,800
Total	**$536,200**	**$3,959,100**
Importance Code A	$171,800	$171,800
Importance Code B	$302,100	$3,787,200
Importance Code C	$62,200	
Total	**$536,200**	**$3,959,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$95,100			
Interior Architecture	$233,800		$2,900	$10,900
Electrical	$9,700	$8,100	$10,000	$9,000
Mechanical	$62,900	$9,100	$9,600	$8,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$405,500**	**$21,200**	**$26,500**	**$32,300**
Importance Code A	$95,100			$2,300
Importance Code B	$241,800	$21,200	$26,500	$30,000
Importance Code C	$68,500			
Total	**$405,500**	**$21,200**	**$26,500**	**$32,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 134 - M

Asset # : 1727

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$42,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$44,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Masonry: Brick Cavity	65%			LIFE	* *	5	$184,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Of Building								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Of Building								
Metal/Glass Curt Wall	30%			LIFE	* *	5	$159,400	
Windows								
Aluminum	100%			2049	* *	5	$29,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Windows								
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	95%	0-2	$33,900	2041	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Cafeteria Roof								
Copper/Terne	5%			2068	* *	10	$7,600	
Soffits								
Cast in Place Concrete	100%	2-4	$2,900	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Henry Street								
Interior								
Floors								
Carpet	2%	4+	$800	2029	$40,800	3	$3,500	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$50,400	
Ceramic Tile	5%			2036	* *	5	$5,800	
Terrazzo	5%			LIFE	* *	5	$9,000	
Vinyl Tile	68%			2033	$2,164,800	3	$39,200	
Wood	10%	4+	$68,700	2061	* *	5	$10,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Auditorium Stage And Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - M

Asset # : 1727

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$11,700	2036	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 3rd And 4th Floor Bathrooms								
Concrete Masonry Unit	4%	Now	$16,000	LIFE	* *	5	$3,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkheads								
Concrete Masonry Unit	6%			LIFE	* *	5	$10,200	
Gypsum Board	2%			LIFE	* *	5-10	$7,300	
Marble Panels	5%			LIFE	* *	10	$4,300	
Plaster	53%			LIFE	* *	5-10	$96,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$26,700	
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$23,000	
Exposed Struc: Concrete	35%			LIFE	* *	5-10	$50,400	
Fiber Board	10%	Now	$18,000	2033	$179,800			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%	2-4	$19,100	LIFE	* *	5	$14,400	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Plaster	25%	2-4	$43,800	LIFE	* *	5	$18,000	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms, Stairways								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2053	* *			
Iron Picket	95%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Fencing								
Explanation : Construction Netting Installed, Sidewalk Shed In Use								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Henry Street And East Broadway								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Public Sidewalk								
Explanation : Sidewalk Shed Installed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - M

Asset # : 1727

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	85%			2050	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Walkways								
Explanation : Sidewalk Shed In Use								
Masonry: Granite	2%			LIFE	* *			
Pavers/Stone	13%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Three 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	25%			2053	* *	5	$100	
Molded Case Bkrs	75%			2033	$170,700	5	$1,700	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	20%			2049	* *	5	$500	
Molded Case Bkrs	70%			2032	$167,600	5	$1,600	
Wiring								
Braided Cloth	80%	2-4	$233,400	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$500	
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$67,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - M

Asset # : 1727

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$9,300	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$81,200	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$163,300	1	$32,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$53,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Manual Pull Boxes, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Con Edison Steam								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2042	* *	5	$4,600	
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$3,800	
Terminal Devices								
Air Handler	25%	Now	$18,100	2038	* *	1	$10,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Blower Room, One Heating Coils Leaks								
Convector/Radiator	75%	Now	$9,400	2046	* *	1	$16,800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Steam Traps								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - M

Asset # : 1727

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2033	$113,600	1	$3,600	
Exterior Pkg Unit - Cooling	10%			2038	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 10% *Location : Roof, Serve Multipurpose Room* *Explanation : 2 Packaged Rooftop Units*								
Window/Wall Unit	60%	Now	$8,800	2028	$175,000	1		
Malfunctioning, Extent : Light, Area Affected : 5% *Location : Classrooms*								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2053	* *	4	$600	
No Component	90%							
Heat Rejection								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,000	
Exhaust Fans								
Interior	40%			2033	$136,600	2	$900	
Roof	60%			2033	$89,600	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2053	* *	1		
Galvanized Steel	70%			2038	* *	1		
HW Heat Exchanger								
Steam Fired	80%			2053	* *	4	$9,100	
No Component	20%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$17,400	4	$2,800	
Sewage Ejector(s)								
Electric	100%			2033	$45,600	4	$5,200	
Fixtures								
Generic	100%							
Instantaneous Hot Water								
Electric	20%			2033	$2,100			
No Component	80%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - M

Asset # : 1727

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Newly Installed Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$2,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 134 - Q**		
Address	: **203-02 109TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q134**
Program / Asset #	: **BOE0782.000 / 2536**	**Yr Built/Renovated**	: **1928 / 2009**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **10906** **Lot** : **1**	**BIN**	: **4440330**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$900,600	$292,700
Interior Architecture	$3,479,700	$1,917,600
Electrical	$159,700	$760,700
Mechanical		$2,462,200
Site Enclosure	$213,600	
Site Pavements	$50,600	
Total	**$4,804,100**	**$5,433,200**
Importance Code A	$900,600	$292,700
Importance Code B	$3,759,000	$5,140,500
Importance Code C	$144,500	
Total	**$4,804,100**	**$5,433,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$95,000			
Interior Architecture	$105,300		$4,400	$10,100
Electrical	$7,600	$6,400	$8,000	$7,200
Mechanical	$135,300	$10,400	$15,400	$9,700
Site Enclosure			$9,400	
Site Pavements	$1,800			
Total	**$345,000**	**$16,900**	**$37,200**	**$27,100**
Importance Code A	$101,800	$6,800	$6,800	$6,800
Importance Code B	$198,600	$10,000	$18,700	$20,200
Importance Code C	$44,600		$11,600	
Total	**$345,000**	**$16,900**	**$37,200**	**$27,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$68,500	
Masonry: Brick	25%	Now	$361,000	LIFE	* *	5	$21,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : South Facade, Staircase D, Room 352								
Masonry: Brick	65%			LIFE	* *	5	$114,000	
Masonry: Limestone	5%	Now	$34,500	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Horizontal Bands								
Windows								
Aluminum	100%	Now	$309,500	2049	* *	5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	60%	Now	$120,800	LIFE	* *	5	$9,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : South Side								
Metal Rail	30%			2046	* *	5-10	$86,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$20,000	
Roof								
Built-Up (BUR)	20%	Now	$16,200	2033	$161,800			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 20%								
Location : Over Room 357								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Over Room 357								
Built-Up (BUR)	75%			2038	* *	10	$52,000	
Copper/Terne	5%			2061	* *	10	$8,700	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$64,600	
Quarry Tile	2%			2046	* *	5	$4,400	
Sheet Vinyl/Rubber	3%	Now	$289,700	2043	* *	5	$3,300	
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Rooms 126, 124, 123, 121								
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	45%			2033	$1,834,600	3	$33,200	
Vinyl Tile 9" X 9"	10%	Now	$2,604,600	2043	* *	3	$5,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Stair Case A To Roof								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Classrooms								
Loose Units, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Wood	25%	Now	$440,100	2048	* *	5	$34,600	
Deteriorated Finish, Extent : Severe, Area Affected : 25%								
Location : Various Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Classrooms, Corridors, And Offices On Third Floor								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$4,500	
Masonry: Brick	10%			LIFE	* *	10	$2,700	
Marble Panels	3%			LIFE	* *	10	$1,100	
Plaster	57%			LIFE	* *	5-10	$43,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair D								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$11,100	
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$18,400	
Plaster	90%			LIFE	* *	5-10	$228,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair D, Room 357								
Site Enclosure								
Fence/Gates								
Aluminum Rail	15%			2046	* *	5-10	$15,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Roof Guard Railing Attached To Roof								
Chain Link	45%			2053	* *			
Iron Picket	40%	4+	$144,500	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 80%								
Location : Entire Perimeter Of Site								

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$69,100	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Areaways								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$50,600	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Various Flags On 109th Avenue, 204th Street And 203rd Street								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$1,800	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Activity Yard								
Cast in Place Concrete	98%			2046	* *			
Rubber Matting	2%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	7%			2032	$12,600	5	$100	
Fused Disc Sw	3%			2049	* *	5		
Molded Case Bkrs	80%			2032	$143,700	5	$1,500	
Molded Case Bkrs	10%			2049	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	$20,000	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	30%			2031	$35,800	5	$100	
Locally Mounted	70%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$60,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$8,300	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$64,400	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$129,500	1	$25,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors, Auditorium, Gymnasium, And Basement								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$42,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium, Cafeteria And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$68,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%	0-2	$22,100	2033	$442,000			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Steam Piping/Pump	20%			2053	* *			
Terminal Devices								
Air Handler	25%			2028	$324,600	1	$10,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	50%	0-2	$14,100	2031	$282,100	1	$10,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Defective Thermostatics. Throughout.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Radiators Are Beyond Their Useful Life Cycle Rating								
Fan Coil Unit/Heat	25%	0-2	$21,400	2028	$427,700	1	$5,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Classrooms. Multiple Mechanical And Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Unit Ventilators Are Beyond Their Useful Life Cycle Rating.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	0-2	$3,900	2028	$78,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various Classrooms. Multiple Mechanical And Or Electrical Defects.								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,900	
Exhaust Fans								
Interior	95%			2028	$290,700	2	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room. Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Roof	5%			2028	$6,700	2	$100	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galvanized Steel	70%	0-2	$30,800	2031	$616,600	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main Near Boilers								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 175 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	0-2	$12,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Basement. West Side Of The Building At 109th Avenue								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2033	$13,800	4	$2,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$47,700	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 134 - Q MINISCHOOL (TRK 4)**		
Address	: **203-02 109TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q835**
Program / Asset #	: **BOE0782.010 / 1538**	**Yr Built/Renovated**	: **1969 / 1997**
Area Sq Ft	: **10,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **10906** **Lot** : **1**	**BIN**	: **4440330**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$57,100	$76,800
Interior Architecture		$294,400
Electrical		$136,700
Mechanical	$160,900	$129,800
Total	**$217,900**	**$637,700**
Importance Code A	$57,100	$76,800
Importance Code B	$160,900	$560,900
Total	**$217,900**	**$637,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,600		$1,200	
Interior Architecture	$28,400		$700	$1,300
Electrical	$11,800	$900	$1,200	$1,100
Mechanical	$26,300	$500	$4,800	$500
Site Pavements	$30,500			
Total	**$98,600**	**$1,400**	**$7,800**	**$2,900**
Importance Code A	$2,100	$500	$1,700	$500
Importance Code B	$85,600	$900	$5,900	$2,400
Importance Code C	$11,000		$200	
Total	**$98,600**	**$1,400**	**$7,800**	**$2,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 134 - Q MINISCHOOL (TRK 4)
Asset # : 1538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$3,100	
Metal Panel	98%			2043	* *	5-10	$105,600	
Windows								
Aluminum	100%			2041	* *	5	$2,400	
Roof								
Metal Panel	100%			2046	* *	10	$57,100	
Soffits								
Metal Panel	100%			2053	* *	5-10	$23,800	
Interior								
Floors								
Mosaic Tile	5%	Now	$21,400	2038	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Entrance								
Vinyl Tile	70%			2033	$294,400	3	$5,300	
Vinyl Tile	25%			2038	* *	3	$1,400	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$400	
Concrete Masonry Unit	27%			LIFE	* *	5	$2,900	
Metal Panel	70%			LIFE	* *	10	$4,200	
Ceilings								
AcousTileSusp.Lay-In	100%			2038	* *	5	$14,700	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$5,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	95%	4+	$25,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Area Around Temporary Classroom Unit								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Mechanial Room								
Explanation : One 600 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 134 - Q MINISCHOOL (TRK 4)
Asset # : 1538

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$300	
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Molded Case Bkrs	100%			2032	$29,900	5	$300	
Wiring								
Braided Cloth	50%	0-2	$10,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2033	$10,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$9,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,200	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$9,300	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$18,800	1	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mechanical And Electrical Room								
Explanation : Strobe Lights, Manual Pull Station Alarm Bell, Smoke Detectors, Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	$2,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 134 - Q MINISCHOOL (TRK 4)
Asset # : 1538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2028	$31,600	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : Two Gasoline Fired Units. Units Are Beyond Their Useful Life Cycle Rating.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2027	$160,900	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Two Units. Units Are Beyond Their Useful Life Cycle Rating. Mechanical Room								
Distribution								
Ductwork/Diffusers	100%	0-2	$22,300	LIFE	* *	2	$13,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Condensate From Ductwork								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,000	
Exhaust Fans								
Interior	100%			2028	$45,100	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2031	$129,800	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 135 - BK**		
Address	: **684 LINDEN BLVD**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K135**
Program / Asset #	: **BOE0440.000 / 1368**	**Yr Built/Renovated**	: **1923 / 1999**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **4673** **Lot** : **1**	**BIN**	: **3102005**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$1,274,600	$199,000
Electrical	$139,700	$281,700
Mechanical	$102,900	$2,630,600
Total	**$1,517,200**	**$3,111,400**
Importance Code B	$1,367,900	$3,111,400
Importance Code C	$149,300	
Total	**$1,517,200**	**$3,111,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$115,300			
Interior Architecture	$168,000			$6,500
Electrical	$33,900	$5,500	$7,400	$5,700
Mechanical	$93,400	$33,000	$37,800	$62,700
Site Pavements	$48,500			
Total	**$459,100**	**$38,500**	**$45,200**	**$74,800**
Importance Code A	$121,100	$5,800	$5,800	$5,800
Importance Code B	$305,000	$32,600	$39,400	$69,000
Importance Code C	$33,000			
Total	**$459,100**	**$38,500**	**$45,200**	**$74,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$38,100	
Masonry: Brick	87%			LIFE	* *	5	$85,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,700	
Granite Panels	3%			LIFE	* *	5	$2,200	
Windows								
Aluminum	100%	0-2	$21,800	2049	* *	5	$11,500	
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$11,200	
Masonry: Brick	90%			LIFE	* *	5-10	$24,300	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$27,100	
Patching Evident, Extent : Moderate, Area Affected : 50%								
Location : Upper And Lower Roofs								
Skylight, Metal/Glass	5%			2063	* *	10	$4,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$35,500	LIFE	* *	5	$18,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$23,500	2042	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Staff Toilets								
Marble Panels	3%	0-2	$54,900	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Second Floor Lobby								
Terrazzo	5%	Now	$26,300	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Traffic Topping	4%			2033	$159,200	5	$4,200	
Traffic Topping	1%	Now	$15,900	2033	$39,800	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Stair Landings								
Vinyl Tile	57%	Now	$131,300	2038	* *	3	$17,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout At Radiators								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Classrooms Throughout At Radiators								
Vinyl Tile 9" X 9"	5%	Now	$736,100	2043	* *	3	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Storage Rooms On First Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Storage Rooms On First Floor								
Wood	10%			2048	* *	5	$15,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$9,600	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$21,100	2036	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Staff Toilets								
Masonry: Brick	10%			LIFE	* *	10	$2,300	
Plaster	80%	Now	$149,300	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 5th Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%	Now	$20,100	2038	* *	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Offices								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$15,600	
Repairs in Progress, Extent : N/A, Area Affected : 15%								
Location : Throughout Basement								
Plaster	80%	Now	$203,000	LIFE	* *	5	$41,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 5th Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Repairs in Progress, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Asphalt	75%	Now	$48,500	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Play Yard								
Under Construction	25%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	70%			2041	* *	5	$1,100	
Molded Case Bkrs	20%			2032	$27,900	5	$300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$51,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2033	$14,000	10		
Incandescent	2%			2033	$32,700	2		
Egress Lighting								
Emergency, Battery	50%			2033	$49,500	10	$7,100	
Exit, Service	50%			2033	$12,700	1		
Exterior Lighting								
HID	10%	Now	$27,500	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior Lighting System Was Damaged By Contractor Doing Exterior Bricks Repair								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$22,000	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$36,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One Tank Of 7,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$58,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	62%	Now	$102,900	2043	* *	4	$1,800	
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Boiler Room - Tank Of Steam And Condensate Pumping System								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Rooms, Boiler Room And Other Locations								
Explanation : Steam Control Valves Leaking At Gaskets.								
Central Plant Steam Piping/Pmp	38%			2043	* *	4	$1,100	
Terminal Devices								
Air Handler	20%			2028	$222,100	1	$7,300	
Convector/Radiator	80%			2031	$386,000	1	$15,200	
Controls								
Pneumatic	100%			2031	$1,140,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$70,100			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Kitchen, Mdf Room								
Window/Wall Unit	65%			2028	$145,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,100	
Exhaust Fans								
Interior	95%			2028	$248,600	2	$1,700	
Roof	5%			2033	$5,700	2	$100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Various Locations								
Explanation : Various Plumbing Fixtures With Galvanized Piping Were Replaced Within Last 10 Years With Copper.								
Galvanized Steel	50%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gallon Tank; 399,000 Btu/hr Gas Input. Quantity 3								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Main Roof And Lower Roof								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Main Roof And Lower Roof								
Explanation : Roof Drains And Storm Piping To The 5th Floor Were Replaced At Various Locations.								
Sump Pump(s)								
Non-Submersible	100%	Now	$11,800	2043	* *	4	$1,200	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement - Corroded Pit Cover Plate								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$40,800	1-2	$800	
Chemical System								
Generic	100%			2028	$367,200	1-3	$364,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood Covers 90 Square Feet (18x5)								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 135 - Q**		
Address	: **207-11 89 AVENUE BTWN: 207 ST., 208 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q135**
Program / Asset #	: **BOE0783.000 / 2537**	**Yr Built/Renovated**	: **1930 / 2015**
Area Sq Ft	: **100,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **10582** **Lot** : **16**	**BIN**	: **4225816**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,889,700	$150,300
Interior Architecture	$132,400	$1,188,000
Electrical	$289,700	$1,099,700
Mechanical	$647,400	$1,735,500
Total	**$2,959,200**	**$4,173,500**
Importance Code A	$1,889,700	$212,500
Importance Code B	$1,069,500	$3,961,000
Total	**$2,959,200**	**$4,173,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$51,900		
Interior Architecture	$120,300	$17,800		$10,300
Electrical	$60,600	$10,200	$9,800	$10,300
Mechanical	$62,300	$25,000	$28,600	$18,600
Site Enclosure	$41,700			
Site Pavements	$400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$293,200**	**$112,900**	**$46,200**	**$47,100**
Importance Code A	$8,900	$61,100	$8,900	$8,900
Importance Code B	$242,200	$51,800	$37,300	$38,200
Importance Code C	$42,100			
Total	**$293,200**	**$112,900**	**$46,200**	**$47,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$56,600	
Masonry: Brick Cavity	35%			LIFE	* *	5	$33,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Windows								
Aluminum	95%	Now	$182,000	2046	* *	5	$6,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$400	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$15,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,100	
Roof								
Built-Up (BUR)	65%	2-4	$1,019,400	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Classrooms And Rooms 124, 238a, Gymnasium								
Copper/Terne	5%			2045	* *	10	$16,800	
Single Ply Membrane	25%	Now	$688,300	2040	* *			1
Miss/Damaged Flashings, Extent : Severe, Area Affected : 25%								
Location : Second Floor Of 2000 Wing								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Of 2000 Wing								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Over Second Floor Of 2000 Wing								
Explanation : Expansion Joint Failure								
Skylight, Metal/Glass	5%			2050	* *	10	$22,400	
Soffits								
Metal Panel	100%			2040	* *	5-10	$128,800	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$82,000	
Ceramic Tile	5%	Now	$42,300	2039	* *	5	$3,700	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms On 2nd Floor								
Worn/Eroded, Extent : Severe, Area Affected : 15%								
Location : Throughout Boys And Girls Toilet Rooms								
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	25%			2030	$1,035,800	3	$18,700	
Vinyl Tile	20%	Now	$41,400	2035	* *	3	$11,200	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 2000 Wing								
Explanation : Expansion Joint Failure Due To Expansion And Contraction								
Vinyl Tile 9" X 9"	10%	Now	$132,400	2040	* *	3	$5,600	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Classrooms 231, 229, 227, 224, 225, 223 And 207								
Wood	10%			2045	* *	5	$28,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,800	
Concrete Masonry Unit	20%			LIFE	* *	5	$11,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$18,800	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2035	* *	5	$7,500	
AcousTileSusp.Lay-In	20%			2043	* *	5	$30,000	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Corridors Of 2000 Wing, Rooms 206, 210, 211, 213								
Exposed Struc: Concrete	35%			LIFE	* *	5	$8,200	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2030	$70,200			
Plaster	35%	0-2	$31,900	LIFE	* *	5	$32,800	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Classrooms, Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	40%	4+	$4,500	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 208th Street								
Iron Picket	60%	4+	$37,200	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 207th Street								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	95%	4+	$400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 89th Avenue And Ramp In Play Yard								
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	65%			2039	* *			
Cast in Place Concrete	35%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Enclosure Corroded, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room								
Raceway								
Conduit	80%			2030	$161,400	1		
Conduit	20%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5	$100	
Fused Disc Sw	10%			2029	$24,000	5	$200	
Fused Knife Sw	5%	2-4	$12,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Basement								
Fused Toggle Switch	10%	2-4	$24,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Molded Case Bkrs	50%			2029	$119,700	5	$1,300	
Molded Case Bkrs	20%			2038	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$233,400	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing Of The Building								
Thermoplastic	20%			2040	* *	1		
Motor Controllers								
Locally Mounted	20%			2043	* *	5	$100	
Locally Mounted	80%			2028	$95,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$30,800	
Generators								
Diesel	100%			2033	$138,700	1	$38,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 160 Kilowatts.								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$22,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	20%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 100 Gallons Rated Capacity								
Main Tank	80%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Vault								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	65%			2038	* *	10	$59,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Wing Of The Building								
Fluorescent	20%			2030	$298,100	10	$18,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The New Wing Of The Building								
Fluorescent	10%			2038	* *	10	$9,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Emergency, Service	10%			2030	$6,200	1		
Exit, Service	10%			2038	* *	1		
Exit, Service	30%			2030	$12,900	1		
Exterior Lighting								
HID	30%			2030	$140,000	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$56,300	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$77,400	1-3	$19,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Lobby And Basement								
Explanation : Alarm Bells, Manual Pull Stations, Smoke Detectors, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 8,000 Gallon Tank								
Interruptible Gas/Dual Fuel	80%			2050	* *	1		
Conversion Equipment								
Furnace	20%			2030	$62,200	1	$9,900	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing Roof								
Explanation : 5 Rooftop Units								
Steam Boiler	80%			2043	* *	1	$79,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	40%	0-2	$6,400	2040	* *			
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1 Vacuum Pump In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Steam Piping/Pump	40%			2040	* *			
No Component	20%							
Terminal Devices								
Air Handler	20%			2030	$376,400	1	$12,400	
Convector/Radiator	40%			2035	* *	1	$12,900	
Fan Coil Unit/Heat	20%	0-2	$9,900	2025	$495,900	1	$5,800	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Motors Of Unit Vents								
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2030	$336,000	2	$1,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Package Units On New Wing Roof								
Window/Wall Unit	40%	0-2	$7,600	2024	$151,500	1		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Various Locations In Old Wing								
No Component	40%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$11,200	
Ductwork/Diffusers	80%			LIFE	* *	2-5	$44,600	
Exhaust Fans								
Interior	70%			2030	$310,500	2	$2,100	
Roof	30%			2030	$58,200	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2040	* *	1		
Galvanized Steel	40%			2028	$510,700	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%	0-2	$2,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking To The Gymnasium								
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$20,000	4	$2,100	
Backflow Preventer								
Generic	100%			2030	$44,700	1	$6,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 2nd Floor, One Unit From 1st To 2nd Floor								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2050	* *	1-2	$5,600	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 136 - Q**		
Address	: **201-15 115 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q136**
Program / Asset #	: **BOE0784.000 / 1539**	**Yr Built/Renovated**	: **1928 / 2014**
Area Sq Ft	: **88,543**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11018** **Lot** : **21**	**BIN**	: **4236757**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$274,400	$127,600
Interior Architecture	$1,350,400	$417,200
Electrical	$204,200	$1,035,000
Mechanical		$2,921,800
Total	**$1,829,000**	**$4,501,600**
Importance Code A	$274,400	$127,600
Importance Code B	$1,461,700	$4,323,300
Importance Code C	$92,900	$50,700
Total	**$1,829,000**	**$4,501,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,400	$16,200		
Interior Architecture	$64,200		$19,000	$4,100
Electrical	$11,400	$8,300	$8,600	$10,800
Mechanical	$163,600	$13,800	$20,200	$12,900
Site Enclosure	$10,400			
Site Pavements	$37,000			
Total	**$376,000**	**$38,300**	**$47,700**	**$27,800**
Importance Code A	$98,200	$25,000	$8,800	$8,800
Importance Code B	$266,400	$13,300	$33,600	$19,100
Importance Code C	$11,500		$5,400	
Total	**$376,000**	**$38,300**	**$47,700**	**$27,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	4+	$102,400	LIFE	* *	5	$62,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Foundation Wall Into Basement								
Masonry: Brick Cavity	35%			LIFE	* *	5	$72,600	
Masonry: Limestone	5%			LIFE	* *	5	$7,800	
Windows								
Aluminum	10%	Now	$171,900	2058	* *	5	$1,800	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Kindergarden Classrooms Of 1928 Wing								
Aluminum	90%			2055	* *	5	$32,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$19,100	
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$41,400	
Roof								
Copper/Terne	5%			2061	* *	10	$8,600	
Modified Bitumen	95%			2041	* *	10	$65,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$58,000	
Ceramic Tile	5%			2042	* *	5	$6,600	
Quarry Tile	5%			2046	* *	5	$9,900	
Terrazzo	3%	4+	$7,400	LIFE	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Interior Stair In Entrance Foyer								
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Lobby								
Traffic Topping	5%			2033	$316,200	5	$8,300	
Vinyl Tile	52%			2038	* *	3	$25,800	
Vinyl Tile 9" X 9"	5%	Now	$1,169,500	2043	* *	3	$2,500	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Staircase E And F								
Wood	15%			2048	* *	5	$37,300	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$10,800	
Masonry: Brick	15%			LIFE	* *	10	$9,700	
Marble Panels	2%			LIFE	* *	10	$1,700	
Plaster	78%			LIFE	* *	5-10	$143,600	
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$11,800	
Metal Panel	5%			LIFE	* *	5	$11,800	
Plaster	85%			LIFE	* *	5-10	$138,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Iron Picket	50%			2068	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	4+	$10,400	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Areaway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$37,000	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 115th Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 201st Street And 202nd Street								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	98%			2042	* *			
Rubber Matting	2%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	25%			2053	* *	5	$100	
Fused Disc Sw	50%			2033	$113,800	5	$200	
Molded Case Bkrs	25%			2053	* *	5	$600	
Raceway								
Conduit	80%			2033	$161,400	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Disc Sw	5%			2032	$12,000	5	$100	
Molded Case Bkrs	15%			2049	* *	5	$400	
Molded Case Bkrs	70%			2032	$167,600	5	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	20%			2053	* *	1		
Thermoplastic	10%			2033	$29,200	1		
Motor Controllers								
Locally Mounted	25%			2046	* *	5	$200	
Locally Mounted	75%			2031	$89,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	97%			2038	* *	10	$78,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$10,700	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2038	* *	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$166,200	1	$33,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$228,400	1-3	$56,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Station, Fire Alarm Panel And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 8,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$87,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	20%	0-2	$14,200	2053	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Leaking Condensate Return Piping								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Explanation : Leaking Vacuum Pump								
Steam Piping/Pump	80%	0-2	$28,400	2033	$567,200			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Explanation : Defective Thermostats And Control Valves								
Terminal Devices								
Air Handler	20%			2028	$333,200	1	$11,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	40%	0-2	$29,000	2031	$289,600	1	$10,300	
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : Leaking Radiators In Room 221 And 321								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classrooms Primarily, Radiators Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	20%			2038	* *	1	$5,700	
Fan Coil Unit/Heat	20%	0-2	$8,800	2028	$439,100	1	$5,100	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Motors, Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$3,400	2028	$67,100	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : About 6 Units Are Not Working. Various Locations								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2028	$373,100	2	$2,600	
Roof	5%			2028	$8,600	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galvanized Steel	70%	0-2	$39,600	2031	$791,300	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Leaking In Cross Bay								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Piping Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Non-Submersible	100%			2033	$17,700	4	$2,800	
Backflow Preventer								
Generic	100%			2033	$39,500	1	$5,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$61,200	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 136 - Q MINISCHOOL**				
Address	: **201-15 115TH AVE. ST. ALBANS**				
Borough	: **QUEENS**		**Agency's Number**	: **Q822**	
Program / Asset #	: **BOE0784.010 / 32**		**Yr Built/Renovated**	: **1970 /**	
Area Sq Ft	: **9,120**		**Project Type**	: **EDUCATION**	
Date of Survey	: **25-Jan-2022**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1**				
Block	: **11018**	**Lot** : **21**	**BIN**	: **4236757**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$212,100	$51,400
Interior Architecture		$351,100
Electrical		$136,700
Mechanical	$144,200	
Total	**$356,300**	**$539,200**
Importance Code A	$212,100	$51,400
Importance Code B	$144,200	$487,800
Total	**$356,300**	**$539,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$900	
Interior Architecture	$11,300		$7,500	$2,200
Electrical	$1,000	$900	$1,100	$1,000
Mechanical	$3,700	$500	$1,400	$500
Total	**$15,900**	**$1,400**	**$10,800**	**$3,700**
Importance Code A	$500	$500	$1,300	$500
Importance Code B	$6,400	$900	$9,500	$2,600
Importance Code C	$9,100			$600
Total	**$15,900**	**$1,400**	**$10,800**	**$3,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 136 - Q MINISCHOOL
Asset # : 32

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$212,100	2043	* *	5	$30,000	1
Deformed/Dented, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$1,700	
Roof								
Metal Panel	100%			2038	* *	10	$51,400	
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$1,200	
Mosaic Tile	5%			2046	* *	5	$1,700	
Vinyl Tile	93%			2033	$351,100	3	$6,400	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,100	
Concrete Masonry Unit	50%			LIFE	* *	5	$9,000	
Metal Panel	45%			LIFE	* *	10	$4,600	
Ceilings								
AcousTileSusp.Lay-In	100%			2046	* *	5	$13,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$65,000	5		
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2032	$1,500	5		
Molded Case Bkrs	95%			2032	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 136 - Q MINISCHOOL
Asset # : 32

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$8,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,100	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2038	* *	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$17,100	1	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways. Electrical And Mechanical Room								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2028	$28,400	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 2 Gasoline Fired Units. Units Are Beyond Their Useful Life Cycle Rating.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2027	$144,200	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units. Units Are Beyond Their Useful Life Cycle Rating. Mechanical Room								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q MINISCHOOL

Asset # : 32

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,100	
Exhaust Fans								
Interior	100%			2028	$40,400	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2043	* *	1		
Galvanized Steel	90%			2038	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$6,300	1-2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 137 - BK**		
Address	: **121 SARATOGA AVENUE BTWN BAINBRIDGE ST - CHAUNCEY ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K137**
Program / Asset #	: **BOE0442.000 / 1370**	**Yr Built/Renovated**	: **1902 / 2000**
Area Sq Ft	: **46,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Att**		
Block	: **1510** **Lot** : **1**	**BIN**	: **3040878**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$116,900	$168,900
Interior Architecture	$95,200	
Electrical		$262,900
Mechanical	$208,500	$1,284,000
Site Pavements	$50,900	
Total	**$471,600**	**$1,715,800**
Importance Code A	$116,900	$569,800
Importance Code B	$259,400	$1,146,000
Importance Code C	$95,200	
Total	**$471,600**	**$1,715,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,200			$2,500
Interior Architecture	$131,200	$2,700		$7,300
Electrical	$62,500	$1,400	$1,800	$73,800
Mechanical	$10,700	$7,600	$6,700	$7,600
Site Enclosure	$13,200			
Site Pavements	$8,600			
Total	**$243,500**	**$11,800**	**$8,500**	**$91,300**
Importance Code A	$21,800	$4,600	$4,600	$7,200
Importance Code B	$183,700	$7,300	$3,900	$84,100
Importance Code C	$38,000			
Total	**$243,500**	**$11,800**	**$8,500**	**$91,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$97,900	
Masonry: Brick	85%	Now	$116,900	LIFE	* *	5	$71,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Room 401 And 4th Floor Mens Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : South Side								
Windows								
Aluminum	100%	Now	$8,100	2048	* *	5	$4,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : One Classroom On 2nd Floor								
Roof								
Built-Up (BUR)	10%			2037	* *	10	$2,500	
Copper/Terne	10%			2060	* *	10	$6,300	
Metal Panel	5%	Now	$9,100	2037	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Roof Ventilators								
Slate	75%			LIFE	* *			
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$16,000	
Ceramic Tile	5%	Now	$10,300	2035	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 3rd And 4th Floor Bathrooms								
Quarry Tile	5%			2045	* *	5	$5,500	
Vinyl Tile	78%	0-2	$31,600	2037	* *	3	$21,400	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Throughout								
Vinyl Tile 9" X 9"	2%	Now	$12,900	2042	* *	3	$500	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Room 105 And 108								
Interior Walls								
Ceramic Tile	3%	0-2	$34,000	2035	* *	5	$1,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Lobby								
Concrete Masonry Unit	8%			LIFE	* *	5	$3,300	
Masonry: Brick	8%			LIFE	* *			
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Metal: Cage/Fence	5%			LIFE	* *			
Plaster	76%	Now	$95,200	LIFE	* *	5	$23,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	4+	$2,400	2045	* *	5	$1,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Metal Panel	5%			LIFE	* *	5	$4,600	
Plaster	90%	Now	$40,100	LIFE	* *	5	$41,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 4th Floor								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 402								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2042	* *			
Iron Picket	75%	Now	$2,700	2067	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Adjacent To Front Steps								
Retaining Walls								
Cast in Place Concrete	90%	0-2	$8,500	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Base Of Fence Post								
Masonry: Fieldstone	10%	0-2	$2,000	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cap Stones At Sides Of School								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Sides Of School								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$50,900	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$1,300	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Entry Steps Throughout								
Activity Yard								
Asphalt	85%	2-4	$7,200	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Rubber Matting	15%			2037	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$200	
Raceway								
Conduit	95%			2032	$76,900	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	70%			2031	$97,800	5	$800	
Molded Case Bkrs	20%			2040	* *	5	$200	
Wiring								
Braided Cloth	25%	2-4	$26,400	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2032	$73,900	1		
Thermoplastic	5%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$200	
Locally Mounted	20%			2030	$14,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$40,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$5,600	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
LED	30%			2037	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$25,900	1	$5,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors,								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$35,600	2042	* *	1-3	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells, Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 3000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2030	$400,900	1	$45,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2032	$368,400			
Terminal Devices								
Air Handler	10%			2027	$86,600	1	$2,800	
Convector/Radiator	90%			2030	$338,500	1	$13,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	15%			2037	* *			
Window/Wall Unit	70%			2027	$122,000	1		
No Component	15%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2037	* *	1	$2,200	
No Component	85%							
Heat Rejection								
Dry Cooler	15%			2037	* *	2	$4,800	
No Component	85%							
Ventilation								
Exhaust Fans								
Wall Unit	10%			2032	$2,000	2	$100	
No Component	90%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%	2-4	$3,500	2030	$176,200	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, North Side Of The Lunch Room								
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Temporary Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$9,200	4	$1,500	
Backflow Preventer								
Generic	100%			2040	* *	1	$2,800	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 137 - M P.S. 184**				
Address	: **327 CHERRY STREET @ MONTGOMERY ST.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M137**	
Program / Asset #	: **BOE0083.000 / 2854**		**Yr Built/Renovated**	: **1966 / 2007**	
Area Sq Ft	: **83,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **16-Mar-2022**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **245**	**Lot** : **7**	**BIN**	: **1003143**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$247,400	$169,900
Interior Architecture	$1,724,700	$339,500
Electrical	$204,200	$995,700
Mechanical	$116,700	$1,288,000
Site Pavements	$172,300	
Total	**$2,465,300**	**$2,793,100**
Importance Code A	$247,400	$169,900
Importance Code B	$2,090,000	$2,623,300
Importance Code C	$127,900	
Total	**$2,465,300**	**$2,793,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$92,100	$18,200	$3,000	
Interior Architecture	$142,800		$1,200	$15,800
Electrical	$14,000	$7,800	$9,600	$8,600
Mechanical	$76,600	$8,100	$15,900	$6,400
Site Enclosure	$12,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$342,300**	**$37,900**	**$33,700**	**$34,800**
Importance Code A	$92,100	$18,200	$3,000	$2,500
Importance Code B	$155,200	$19,800	$30,700	$32,300
Importance Code C	$95,100			
Total	**$342,300**	**$37,900**	**$33,700**	**$34,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - M P.S. 184

Asset # : 2854

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$53,700	
Masonry: Brick Cavity	7%	4+	$13,100	LIFE	* *	5	$7,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Masonry: Brick Cavity	88%			LIFE	* *	5	$188,900	
Windows								
Aluminum	100%			2055	* *	5	$36,300	
Parapets								
Masonry: Brick Cavity	25%			LIFE	* *	5-10	$14,100	
Metal Rail	75%	Now	$83,100	2038	* *	5	$43,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 35%								
Location : Throughout Parapet								
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : Throughout Parapet								
Roof								
Built-Up (BUR)	95%	Now	$69,800	2038	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Fourth Floor								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair C Bulkhead, Room 408, Science Laboratory								
Copper/Terne	5%			2048	* *	10	$3,900	
Soffits								
Cast in Place Concrete	85%	2-4	$40,100	LIFE	* *	5	$67,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Upper Overhangs								
Stucco Cement	15%			2046	* *	5	$6,000	
Interior								
Floors								
Carpet	2%			2032	$43,500	3	$3,700	
Cast in Place Concrete	10%			LIFE	* *	5	$53,800	
Ceramic Tile	5%			2042	* *	5	$6,100	
Vinyl Tile	10%			2033	$339,500	3	$6,100	
Vinyl Tile 9" X 9"	73%	Now	$1,583,500	2043	* *	3	$33,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - M P.S. 184

Asset # : 2854

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$53,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Foundation At Room 11								
Ceramic Tile	5%	4+	$7,700	2042	* *	5	$3,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,200	
Folding Partition	1%	Now	$9,700	2049	* *	5	$1,800	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Masonry: Brick	10%			LIFE	* *	10	$4,200	
Marble Panels	1%	0-2	$4,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Front Lobby								
Marble Panels	3%			LIFE	* *	10	$1,700	
Plaster	40%			LIFE	* *	5-10	$47,600	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$17,500	
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$24,700	
AcousTileSusp.Lay-In	5%	0-2	$5,100	2046	* *	5	$3,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Exposed Struc: Concrete	65%			LIFE	* *	5-10	$100,500	
Gypsum Board	10%			LIFE	* *	5-10	$42,500	
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$12,900	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Cherry Street								
Iron Picket	50%			2077	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	34%	4+	$97,700	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Cherry Street								
Sinking/Subsiding, Extent : Severe, Area Affected : 30%								
Location : Cherry Street								
Cast in Place Concrete	66%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - M P.S. 184

Asset # : 2854

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	34%	Now	$74,700	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Main Entrance								
Cast in Place Concrete	66%			2046	* *			
Activity Yard								
Asphalt	80%			2046	* *			
Rubber Matting	20%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	$159,300	5	$300	
Fused Disc Sw	30%			2053	* *	5	$100	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	8%			2032	$19,200	5	$200	
Fused Toggle Switch	2%	2-4	$4,800	2058	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2049	* *	5	$400	
Molded Case Bkrs	70%			2032	$167,600	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	20%			2033	$58,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - M P.S. 184

Asset # : 2854

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$74,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$10,000	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$77,500	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$155,800	1	$31,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Offices, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$51,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throught The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Manual Pull Boxes, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Con Edison Steam								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2042	* *	5	$4,900	
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$116,700	2043	* *	4	$4,100	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Boiler Room, Vacuum Pump Dumping High Temperature Condensate Return To Public Sewer								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - M P.S. 184

Asset # : 2854

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2028	$390,500	1	$12,800	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Convector/Radiator	75%	Now	$25,500	2038	* *	1	$18,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Classroom 420 And Classroom 321								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2038	* *	2	$800	
Window/Wall Unit	70%			2028	$220,100	1		
No Component	15%							
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2	$20,200	
No Component	85%							
Heat Rejection								
Dry Cooler	15%			2038	* *	2	$8,700	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,300	
Exhaust Fans								
Interior	75%			2033	$276,100	2	$1,900	
Roof	25%			2028	$40,300	2	$600	
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$401,300	4	$12,300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$16,600	2043	* *	4	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - M P.S. 184

Asset # : 2854

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 138 - BK**		
Address	: **801 PARK PLACE BTWN: ROGERS AVE., NOSTRAND AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K138**
Program / Asset #	: **BOE0443.000 / 1344**	**Yr Built/Renovated**	: **1902 / 2008**
Area Sq Ft	: **137,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,4**		
Block	: **1233** **Lot** : **26**	**BIN**	: **3330794**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,801,400	$501,000
Interior Architecture	$388,700	$214,900
Electrical	$611,100	$845,700
Mechanical	$630,600	$325,300
Site Enclosure		$380,200
Site Pavements		$79,900
Total	**$3,431,800**	**$2,347,000**
Importance Code A	$1,801,400	$537,000
Importance Code B	$1,448,300	$1,317,600
Importance Code C	$182,100	$492,400
Total	**$3,431,800**	**$2,347,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$115,000		
Interior Architecture	$146,300	$16,600	$9,800	$12,300
Electrical	$47,400	$32,800	$5,100	$3,800
Mechanical	$95,400	$20,700	$30,400	$20,200
Site Enclosure	$6,100			
Site Pavements	$18,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$318,100**	**$189,000**	**$49,300**	**$40,300**
Importance Code A	$13,600	$128,900	$13,600	$13,600
Importance Code B	$263,100	$60,200	$35,700	$26,700
Importance Code C	$41,400			
Total	**$318,100**	**$189,000**	**$49,300**	**$40,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$161,600	
Masonry: Brick	75%	Now	$638,800	LIFE	* *	5	$155,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Various Facades								
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Inner Courtyards								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Inner Courtyards								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Masonry: Granite	5%	Now	$81,500	LIFE	* *	5	$7,800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$7,800	
Metal Panel	5%			2050	* *	5-10	$71,100	
Windows								
Aluminum	95%	Now	$543,000	2046	* *	5	$28,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout All Elevations								
Glass Block	5%			LIFE	* *	5	$1,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Corridor Addition								
Parapets								
Copper/Terne	5%			2065	* *	5	$8,900	
Masonry: Brick	70%	Now	$65,000	LIFE	* *	5	$25,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Inner Parapets Of North Building								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : South Facades At Inner Courtyards								
Masonry: Limestone	5%			LIFE	* *	5	$2,300	
Metal Rail	20%			2043	* *	5-10	$132,500	
Roof								
Built-Up (BUR)	40%			2025	$473,100	10	$40,500	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : South Building								
Copper/Terne	5%			2058	* *	10	$12,700	
IRMA/Protected Membrane	5%			2035	* *	10	$5,100	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : New Corridor Addition								
Modified Bitumen	45%			2035	* *	10	$45,600	
Skylight, Metal/Glass	5%			2050	* *	10	$16,900	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$2,500	
Interior								
Floors								
Carpet	10%			2029	$347,500	3	$29,500	
Cast in Place Concrete	10%	Now	$33,400	LIFE	* *	5	$43,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement And Stairwells								
Ceramic Tile	5%			2039	* *	5	$9,800	
Quarry Tile	5%			2043	* *	5	$14,700	
Sheet Vinyl/Rubber	5%			2035	* *	5	$14,700	
Terrazzo	10%	4+	$36,700	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Various Corridors								
Vinyl Tile	48%	0-2	$52,100	2035	* *	3	$35,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	2%	Now	$34,700	2040	* *	3	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Assistant Principal And 3rd Floor Offices								
Wood	5%			2045	* *	5	$18,400	
Interior Walls								
Ceramic Tile	8%	Now	$36,600	2039	* *	5	$16,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Basement Paint Storage								
Plaster	90%	Now	$182,100	LIFE	* *	5	$112,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$33,300	
Ceilings								
Exposed Struc: Concrete	10%	Now	$54,700	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Plaster	90%	Now	$99,900	LIFE	* *	5	$102,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2030	$380,200			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Side Yards								
Iron Picket	50%			2050	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	45%			2065	* *			
Masonry: Brick	15%			2040	* *			
Masonry: Fieldstone	40%	Now	$6,100	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : West Play Yard								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : West Play Yard								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : West Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$14,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Sidewalk On Park Place								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$4,800	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Handicap Ramp On West Side								
Activity Yard								
Cast in Place Concrete	90%			2043	* *			
Rubber Matting	10%			2030	$79,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$36,000	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere And One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$234,100	5	$500	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	90%			2030	$259,900	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Molded Case Bkrs	30%			2046	* *	5	$1,100	
Molded Case Bkrs	60%			2029	$179,600	5	$2,200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$279,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	75%			2028	$136,100	5	$700	
Locally Mounted	25%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main In Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$125,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Gymnasium And Auditorium								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	20%			2025	$46,000	10	$6,600	
Emergency, Battery	30%			2035	* *	10	$9,900	
Exit, Service	20%			2025	$11,800	1		
Exit, Service	30%			2035	* *	1		
Exterior Lighting								
HID	25%	Now	$32,000	2025	$159,800			
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : Roof And Canopy								
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 5%								
Location : Canopy								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Canopy								
Explanation : Operated Via Photocell								
No Component	75%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$15,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2038	* *	1-3	$25,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 6,000 Gallon Tank. Using Oil No.2								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$135,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$54,900	2040	* *			
Abandoned in Place, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Terminal Devices								
Air Handler	15%	Now	$232,000	2040	* *	1	$11,400	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Convector/Radiator	85%			2035	* *	1	$37,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	10%			2030	$325,300			
Window/Wall Unit	15%			2025	$77,900	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,400	
Exhaust Fans								
Roof	100%			2025	$265,800	2	$4,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$35,000	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Area								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$20,300	
Not in Service, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$24,200	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Outside Areaway Drains								
Sump Pump(s)								
Non-Submersible	100%	Now	$11,000	2030	$27,400	4	$2,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 1 Of 2 Sump Pump Not Working In The Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Building Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2040	* *	1-2	$5,800	
Chemical System								
No Component	95%							
Generic	5%			2028	$6,100	1-3	$5,600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 138 - BK ANNEX**				
Address	: **960 PROSPECT PLACE BTWN BROOKLYN AVE & NEW YORK AVE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K867**
Program / Asset #	: **BOE0443.010 / 12**			**Yr Built/Renovated**	: **1973 / 2001**
Area Sq Ft	: **9,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **1235**	**Lot**	: **37**	**BIN**	: **3031296**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$351,300	
Interior Architecture		$380,800
Electrical		$136,700
Mechanical	$146,600	
Site Pavements		$222,700
Total	**$497,900**	**$740,100**
Importance Code A	$351,300	
Importance Code B	$146,600	$651,500
Importance Code C		$88,600
Total	**$497,900**	**$740,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,000	$31,200	$900	
Interior Architecture	$8,400			$1,700
Electrical	$500	$40,100	$300	$300
Mechanical	$2,800	$300	$500	$300
Site Pavements	$16,100			
Total	**$85,700**	**$71,700**	**$1,600**	**$2,400**
Importance Code A	$58,000	$31,200	$900	
Importance Code B	$22,000	$40,400	$700	$2,400
Importance Code C	$5,700			
Total	**$85,700**	**$71,700**	**$1,600**	**$2,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK ANNEX

Asset # : 12

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	90%	Now	$48,400	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	7%	Now	$2,300	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	3%			2050	* *	5-10	$4,100	
Windows								
Aluminum	100%			2046	* *	5	$1,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$1,700	
Concrete Masonry Unit	35%			LIFE	* *	5	$1,700	
Metal Security Bars	60%			2058	* *			
Roof								
Built-Up (BUR)	100%			2025	$351,300	10	$30,100	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Soffits								
Pre-Cast Concrete	100%	Now	$7,200	LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Over Entrance At North Facade								
Interior								
Floors								
Ceramic Tile	5%	Now	$800	2039	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	95%	Now	$7,600	2030	$380,800	3	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$4,500	
Plywood/Hardboard	50%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	85%			LIFE	* *	5	$1,900	
Gypsum Board	15%			LIFE	* *	5	$2,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$3,600	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : North Side Of Building								

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DEPARTMENT OF EDUCATION - 040
P. S. 138 - BK ANNEX
Asset # : 12

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	70%	2-4	$1,300	2033	$26,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	30%			2035	* *			
Parking/Driveway								
Asphalt	100%	Now	$4,400	2033	$88,600			
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Parking Entrance								
Activity Yard								
Asphalt	100%	2-4	$6,700	2033	$134,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1,200 Ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$65,000	5		
Raceway								
Conduit	100%			2030	$16,200	1		
Panelboards								
Fused Disc Sw	10%			2029	$3,000	5		
Molded Case Bkrs	90%			2029	$26,900	5	$200	
Wiring								
Thermoplastic	100%			2030	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$8,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2025	$7,600	10	$1,100	
Exit, Service	50%			2025	$1,900	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK ANNEX

Asset # : 12

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	50%			2025	$21,000	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Operated By Photocell								
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2030	$11,600	1-3	$2,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2040	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	100%			2035	* *	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2024	$146,600	2	$600	
Ventilation								
Exhaust Fans								
Interior	100%			2030	$39,900	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$2,300	2035	* *	1		
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Hot Water Circulating Pump Not Working								
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 138 - BX SAMUEL RANDALL**		
Address	: **2060 LAFAYETTE AVENUE @OLMSTEAD AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X138**
Program / Asset #	: **BOE0275.000 / 403**	**Yr Built/Renovated**	: **1958 / 2009**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3609** **Lot** : **16**	**BIN**	: **2022289**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$544,900	$920,700
Interior Architecture	$10,604,200	$1,860,900
Electrical	$314,200	$604,500
Mechanical	$833,800	$4,442,100
Site Pavements	$225,700	
Total	**$12,522,900**	**$7,828,200**
Importance Code A	$544,900	$1,539,500
Importance Code B	$11,805,700	$6,288,700
Importance Code C	$172,200	
Total	**$12,522,900**	**$7,828,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,300		$29,900	
Interior Architecture	$115,000	$7,400	$14,300	
Electrical	$1,600	$2,200	$73,500	$1,400
Mechanical	$43,400	$10,000	$41,900	$16,700
Site Pavements	$47,700			
Total	**$218,000**	**$19,600**	**$159,500**	**$18,100**
Importance Code A	$26,300	$7,000	$37,000	$7,000
Importance Code B	$167,200	$12,600	$122,500	$11,000
Importance Code C	$24,500			
Total	**$218,000**	**$19,600**	**$159,500**	**$18,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 138 - BX SAMUEL RANDALL
Asset # : 403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$20,600	
Masonry: Brick	80%			LIFE	* *	5	$70,100	
Metal Panel	15%			2041	* *	5-10	$90,400	
Windows								
Aluminum	100%	4+	$309,500	2047	* *	5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$2,500	
Masonry: Brick	90%			LIFE	* *	5	$14,300	
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Interior Parapet Wall								
Pre-Cast Concrete	8%	0-2	$10,300	LIFE	* *	5	$8,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Coping								
Roof								
Built-Up (BUR)	97%	0-2	$235,400	2031	$784,800			
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Edges On South Side								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Roof Drain Above Auditorium								
Copper/Terne	3%			2046	* *	10	$5,200	
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								
Floors								
Cast in Place Concrete	7%	Now	$17,600	LIFE	* *	5	$22,600	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	3%	Now	$49,900	2034	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	40%			2031	$1,630,700	3	$22,100	
Vinyl Tile 9" X 9"	40%			2026	$10,418,500	3	$22,100	
Wood	5%			2046	* *	5	$13,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 138 - BX SAMUEL RANDALL
Asset # : 403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$67,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Within Crawl Space Under Auditorium								
Ceramic Tile	5%	Now	$24,500	2040	* *	5	$2,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$16,000	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$59,400	2036	* *	5	$18,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Rooms 106, 104, 103, 102 And 115								
Exposed Struc: Concrete	58%			LIFE	* *	5	$13,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	10%	4+	$23,000	2031	$230,200			
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	2%	4+	$58,700	LIFE	* *	5	$3,700	
Deformed/Dented, Extent : Moderate, Area Affected : 80%								
Location : Kitchen Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$104,500	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Activity Yard								
Asphalt	75%	Now	$121,200	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Play Yard								
Rubber Matting	25%	Now	$47,700	2036	* *			
Worn/Eroded, Extent : Severe, Area Affected : 75%								
Location : Play Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 138 - BX SAMUEL RANDALL
Asset # : 403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$195,100	5	$1,900	
Raceway								
Conduit	95%			2031	$137,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	85%			2030	$152,700	5	$1,600	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$149,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$39,900	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$62,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	30%			2026	$35,800	10	$5,100	
Emergency, Battery	20%			2036	* *	10	$3,400	
Exit, Service	40%			2026	$12,200	1		
Exit, Service	10%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$66,300	10		
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 138 - BX SAMUEL RANDALL
Asset # : 403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2026	$13,300	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Motion Sensor And Intrusion Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$36,600	1-3	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Bell, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$165,100	5	$22,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	95%			2029	$587,900	1	$66,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two No. 4 Oil Burning Steam Boilers								
Steam Boiler	5%	Now	$9,300	2029	$30,900	1	$3,200	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. 7 Defective Tubes In No. 2 Boiler And 1 Defective Tube In No. 1 Boiler								
Distribution								
Central Plant Steam Piping/Pmp	100%			2031	$1,996,500	4	$3,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 138 - BX SAMUEL RANDALL
Asset # : 403

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	28%			2026	$374,100	1	$12,300	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room								
Air Handler	2%	0-2	$2,700	2026	$26,700	1	$800	
Broken, Extent : Severe, Area Affected : 25%								
Location : Fan Room. Lobby Air Handling Unit Broken Shaft								
Convector/Radiator	70%			2029	$406,400	1	$16,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	90%	Now	$12,100	2026	$242,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various. Seven Percent Of Window Units Are Not Working Due To Mechanical And Electrical Defects								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Interior	30%	Now	$9,400	2026	$94,500	2	$500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Exhaust Fan Malfunctioning Due To Burnt Motor And Broken Bearing								
Roof	70%			2026	$96,400	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$911,900	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$343,300	4	$7,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2026	$14,200	4	$1,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 138 - BX SAMUEL RANDALL
Asset # : 403

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2031	$37,200	4	$2,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Sewer Ejector Room								
Fixtures								
Generic	100%							
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : One Staff Bathroom Out Of Service On Second Floor								
Obsolete Fixtures, Extent : Moderate, Area Affected : 20%								
Location : Various								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Various								
Explanation : Small Bathroom Stalls								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

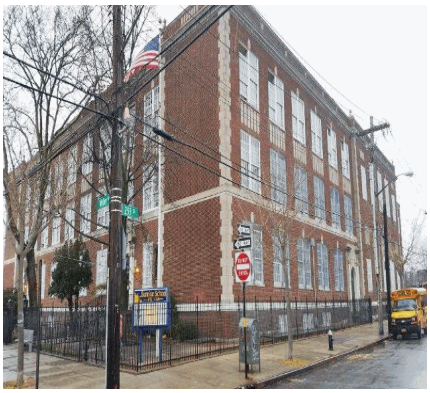
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 138 - Q**		
Address	: **253 ST AND WELLER AVE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q138**
Program / Asset #	: **BOE0785.000 / 972**	**Yr Built/Renovated**	: **1931 / 2008**
Area Sq Ft	: **92,539**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **13578** **Lot** : **1**	**BIN**	: **4288640**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$242,200	$232,800
Interior Architecture	$2,713,600	$50,200
Electrical	$298,000	$444,000
Mechanical	$466,400	$2,300,600
Total	**$3,720,200**	**$3,027,600**
Importance Code A	$242,200	$410,800
Importance Code B	$3,302,700	$2,616,900
Importance Code C	$175,400	
Total	**$3,720,200**	**$3,027,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,000	$34,200		
Interior Architecture	$163,300	$27,700	$2,600	$8,700
Electrical	$2,700	$2,900	$3,500	$5,200
Mechanical	$64,400	$12,800	$21,300	$15,400
Site Pavements	$32,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$285,900**	**$81,600**	**$31,300**	**$33,200**
Importance Code A	$32,800	$42,000	$8,200	$8,000
Importance Code B	$203,600	$39,600	$21,900	$25,200
Importance Code C	$49,600		$1,200	
Total	**$285,900**	**$81,600**	**$31,300**	**$33,200**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	$161,200	LIFE	* *	5	$97,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Chimney								
Masonry: Limestone	10%			LIFE	* *	5	$8,200	
Windows								
Aluminum	98%			2040	* *	5	$31,800	
Metal Louvers	2%			2041	* *	10	$4,100	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$8,900	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Rail	15%			2045	* *	5-10	$30,100	
Roof								
Copper/Terne	5%			2060	* *	10	$7,700	
Modified Bitumen	20%	Now	$80,900	2032	$134,900			
Alligatoring, Extent : Severe, Area Affected : 40%								
Location : New Wing Roof								
Blisters, Extent : Moderate, Area Affected : 10%								
Location : New Wing Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : New Wing Roof Connection								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : New Wing Roof								
Single Ply Membrane	75%	Now	$19,000	2037	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Into Gymnasium Storage								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$23,600	LIFE	* *	5	$30,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Boiler Room								
Ceramic Tile	3%	Now	$93,700	2047	* *	5	$2,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Bathrooms								
Ceramic Tile	2%			2041	* *	5	$2,800	
Quarry Tile	5%			2045	* *	5	$10,400	
Terrazzo	5%	Now	$13,000	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Old Wing								
Vinyl Tile	50%			2037	* *	3	$26,000	
Vinyl Tile 9" X 9"	10%			2027	$2,444,600	3	$6,900	
Wood	15%	Now	$24,800	2060	* *	5	$19,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Storage								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Gymnasium Storage								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Storage								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$116,900	2047	* *	5	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Bathrooms 2nd And 3rd Floors								
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Bathrooms 2nd And 3rd Floors								
Ceramic Tile	2%			2041	* *	5	$2,400	
Glass: Single Pane	2%			LIFE	* *	5	$1,800	
Masonry: Brick	13%	Now	$58,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Boiler Room								
Metal: Cage/Fence	3%			LIFE	* *			
Marble Panels	2%	Now	$20,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Auditorium And Lobby								
Plaster	50%	Now	$28,700	LIFE	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen, Gymnasium And Bathrooms								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$13,900	
AcousTileSusp.Lay-In	20%			2045	* *	5	$27,700	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,200	
Metal Panel	2%	Now	$1,800	LIFE	* *	5	$3,500	
Bent/Warped Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	58%	Now	$48,900	LIFE	* *	5	$50,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, Bathroom And Storage								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2052	* *			
Iron Picket	50%			2067	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Activity Yard								
Explanation : Handball Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,800	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Caney Lane Side								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Caney Lane								
On-Site Walkways								
Cast in Place Concrete	80%			2045	* *			
Masonry: Granite	10%			LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Activity Yard Steps								
Panel/Paver: Cer/Brk	10%			2048	* *	5		
Activity Yard								
Asphalt	85%	0-2	$27,900	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Activity Yard								
Ponding, Extent : Light, Area Affected : 10%								
Location : Activity Yard								
Rubber Matting	15%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1200 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	20%			2058	* *	5	$100	
Fused Disc Sw	10%			2032	$22,800	5		
Fused Knife Sw	60%	0-2	$136,500	2062	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment And On Extended Life								
Molded Case Bkrs	10%			2052	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	10%			2052	* *	1		
Conduit	10%			2058	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	60%			2048	* *	5	$1,500	
Molded Case Bkrs	20%			2031	$47,900	5	$500	
Molded Case Bkrs	5%			2054	* *	5	$100	
Wiring								
Braided Cloth	50%	2-4	$145,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Sections Of The Building								
Thermoplastic	30%			2042	* *	1		
Thermoplastic	20%			2058	* *	1		
Motor Controllers								
Locally Mounted	50%			2045	* *	5	$300	
Locally Mounted	50%			2030	$59,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$80,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Battery	10%			2027	$15,500	10	$2,200	
Emergency, Battery	40%			2040	* *	10	$8,900	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$10,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$71,600	1-3	$17,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Cafeteria, Gymnasium, Auditorium								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2052	* *	1		
Natural Gas	25%			2052	* *	1		
Interruptible Gas/Dual Fuel	70%			2052	* *	1		
Conversion Equipment								
Furnace	20%			2032	$57,600	1	$9,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 8 Units								
Radiant Heater	5%	0-2	$6,000	2032	$120,400	2	$1,700	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : New Wing Stairway								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : New Wing Stairway								
Explanation : 8 Units								
Steam Boiler	75%			2045	* *	1	$68,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. There Are 6 Condemn Furnaces Remain On Old Wing Roof.								
Distribution								
Steam Piping/Pump	75%			2032	$555,800			
No Component	25%							
Terminal Devices								
Air Handler	15%			2027	$261,200	1	$8,600	
Convector/Radiator	60%			2030	$454,000	1	$17,900	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2032	$388,700	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 8 Package Units, New Wing Roof								
Split Unit	5%			2032	$109,900			
Window/Wall Unit	50%			2030	$175,300	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2032	$112,900	1	$1,500	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2032	$10,700	2	$3,200	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	55%			LIFE	* *	2-5	$28,400	
Ductwork/Diffusers	45%	Now	$36,600	LIFE	* *	2-5	$23,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Old Wing Roof								
Explanation : Water Leaks From The Ductworks Of 6 Condemn Furnaces To The Lower Floor								
Exhaust Fans								
Interior	50%			2027	$205,200	2	$1,400	
Roof	50%			2032	$89,800	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$236,300	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	30%	0-2	$7,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Lower Roof To Gymnasium Office								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$18,500	4	$2,900	
Backflow Preventer								
Generic	100%			2032	$41,300	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2052	* *	1-5	$11,700	
Sprinkler								
No Component	75%							
Generic	25%			2052	* *	1-2	$6,500	
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 139 - BK**		
Address	: **330 RUGBY RD. @ CORTELYOU ROAD**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K139**
Program / Asset #	: **BOE0445.000 / 1346**	**Yr Built/Renovated**	: **1957 / 2015**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **5144** **Lot** : **64**	**BIN**	: **3328235**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$420,900	$354,100
Interior Architecture	$588,900	$10,187,700
Electrical		$489,100
Mechanical	$696,200	$4,033,900
Site Pavements		$64,200
Total	**$1,705,900**	**$15,129,000**
Importance Code A	$420,900	$1,138,600
Importance Code B	$945,400	$13,990,400
Importance Code C	$339,700	
Total	**$1,705,900**	**$15,129,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,700		$38,900	
Interior Architecture	$71,400	$8,200		$12,700
Electrical	$3,900	$1,700	$97,100	$2,900
Mechanical	$93,600	$12,500	$38,900	$14,300
Site Enclosure	$12,800			
Site Pavements	$9,800			
Total	**$211,200**	**$22,400**	**$175,000**	**$29,900**
Importance Code A	$28,600	$8,900	$48,000	$8,900
Importance Code B	$163,500	$7,300	$126,900	$21,000
Importance Code C	$19,100	$6,300		
Total	**$211,200**	**$22,400**	**$175,000**	**$29,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$53,700	
Masonry: Brick	95%	2-4	$215,300	LIFE	* *	5	$130,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Northeast Corner 4th Floor								
Efflorescence, Extent : Moderate, Area Affected : 2%								
Location : East Face								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : East Face 4th Floor								
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : Ground Floor Band								
Windows								
Aluminum	100%	Now	$205,600	2047	* *	5	$21,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Glazing Clouded, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$9,700	
Masonry: Brick	75%			LIFE	* *	5	$13,500	
Metal Rail	10%			2044	* *	5-10	$32,400	
Pre-Cast Concrete	8%			LIFE	* *	5	$9,000	
Roof								
Built-Up (BUR)	28%			2031	$169,700	10	$14,500	
Copper/Terne	2%			2046	* *	10	$2,600	
Modified Bitumen	70%			2036	* *	10	$36,300	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,500	
Ceramic Tile	3%			2040	* *	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$5,200	
Traffic Topping	5%	0-2	$6,300	2031	$316,000	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lower Floor Stair Treads								
Vinyl Tile	35%	Now	$25,600	2036	* *	3	$17,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs, Cafeteria								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Repairs in Progress, Extent : N/A, Area Affected : 30%								
Location : Corridors, Stairs, Auditorium								
Worn/Eroded, Extent : Severe, Area Affected : 2%								
Location : Library								
Vinyl Tile 9" X 9"	42%	Now	$196,300	2031	$9,817,400	3	$20,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms Upper Floors								
Wood	5%			2059	* *	5	$12,400	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$12,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,000	
Glass: Single Pane	2%			LIFE	* *	5	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Transoms And Stair Landings								
Explanation : Safety And Single Pane Glass								
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	2%	0-2	$19,100	LIFE	* *			
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Basement Walls								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Basement Walls								
Metal: Cage/Fence	3%			LIFE	* *			
Plaster	48%	Now	$58,500	LIFE	* *	5	$36,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof Stair Bulkhead, Window								
SGFT/Glazed Masonry	25%	Now	$281,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair D								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Corridors, Stairs, Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	0-2	$4,100	2044	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
AcousTileConcealSpLn	10%			2044	* *	5	$16,000	
AcousTileSusp.Lay-In	5%	4+	$2,100	2044	* *	5	$3,200	
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,000	
Masonry: Vault Struct	2%			LIFE	* *			
Plaster	68%	Now	$52,800	LIFE	* *	5	$54,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 204								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%			2051	* *			
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Activity Yard Fence Base								
Chain Link	20%			2051	* *			
Iron Picket	75%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Activity Yard								
Explanation : Planters								
Retaining Walls								
Cast in Place Concrete	100%	4+	$12,800	2066	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : East Areaway Wall								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	90%	0-2	$9,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West Activity Yard								
Rubber Matting	10%			2031	$64,200			

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DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	80%			2031	$161,400	1		
Conduit	20%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$2,400	
Wiring								
Braided Cloth	50%			2030	$145,900	1		
Thermoplastic	50%			2041	* *	1		
Motor Controllers								
Locally Mounted	90%	Now	$2,200	2029	$107,500	5	$300	
Not Functioning, Extent : Light, Area Affected : 100%								
Location : Boiler Room For Vacuum Pump 1								
Locally Mounted	10%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2039	* *	10	$74,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2039	* *			
Egress Lighting								
Emergency, Service	5%			2036	* *	1		
Emergency, Battery	45%			2036	* *	10	$9,800	
Exit, Battery	50%			2036	* *	10	$3,000	
Exterior Lighting								
Fluorescent	20%			2036	* *	10	$1,600	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$33,800	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$46,400	1-3	$11,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$10,500	2041	* *	5	$13,900	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Boiler I Fuel Piping In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried In School Court Yard								
Explanation : Two 10,000 Gallon Tanks One Condemned Leaking								
Conversion Equipment								
Steam Boiler	100%			2029	$784,500	1	$89,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$14,400	2031	$720,700			
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Steam Condensate Return Pipe In Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pump In Boiler Room								
Explanation : One Of Pump Electrically Malfunction								
Terminal Devices								
Air Handler	20%	Now	$33,900	2031	$338,700	1	$10,000	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Air Compressor No Pressure In Boiler Room								
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Outside Air Damper In Fan Room								
Convector/Radiator	80%			2029	$588,800	1	$23,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	2%			2036	* *			
Window/Wall Unit	80%			2026	$272,800	1		
Window/Wall Unit	5%	Now	$10,200	2031	$17,000	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : Various Units								
No Component	13%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$79,100	LIFE	* *	2-5	$50,200	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Fan Room								
Explanation : Broken Flex Connections								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2026	$199,600	2	$1,400	
Roof	50%	Now	$4,400	2026	$87,300	2	$1,100	
Broken, Extent : Severe, Area Affected : 10%								
Location : Auditorium Exhaust Fan In Fan Room								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$57,400	2029	$1,149,000	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Domestic Main Shut Off Valve Not Closing								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Explanation : Water Fountain Out Of Service								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%	Now	$8,700	2031	$435,200	4	$8,900	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout Old Wing Of The Building								
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout Old Wing Of The Building								
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$18,000	4	$1,900	
Sewage Ejector(s)								
Electric	100%			2039	* *	4	$3,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Explanation : No Grease Trap								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Bathrooms Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 139 - Q**		
Address	: **93-06 63 DRIVE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q139**
Program / Asset #	: **BOE0786.000 / 1540**	**Yr Built/Renovated**	: **1929 / 2013**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3095** **Lot** : **50**	**BIN**	: **4072457**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$257,200	$289,200
Interior Architecture	$101,900	$2,779,400
Electrical	$139,700	$1,644,700
Mechanical	$1,149,500	$1,620,600
Site Enclosure	$97,900	
Site Pavements	$60,900	
Total	**$1,807,100**	**$6,333,900**
Importance Code A	$257,200	$289,200
Importance Code B	$1,550,000	$6,044,700
Total	**$1,807,100**	**$6,333,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$168,700		$8,100	
Interior Architecture	$176,100		$7,600	$5,900
Electrical	$8,600	$6,300	$6,300	$8,100
Mechanical	$100,000	$29,900	$34,600	$53,500
Site Enclosure	$5,100			
Site Pavements	$55,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$518,300**	**$40,100**	**$60,500**	**$71,400**
Importance Code A	$176,900	$4,600	$12,700	$4,600
Importance Code B	$237,400	$35,500	$40,200	$66,800
Importance Code C	$104,000		$7,600	
Total	**$518,300**	**$40,100**	**$60,500**	**$71,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$41,700	
Masonry: Brick	42%			LIFE	* *	5	$74,600	
Painted Surfaces, Extent : Light, Area Affected : 5%								
Location : Parking Area								
Masonry: Brick Cavity	41%			LIFE	* *	5	$72,900	
Masonry: Limestone	5%			LIFE	* *	5	$6,700	
Masonry: Limestone	2%			LIFE	* *	5	$2,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$28,900	
Windows								
Aluminum	75%			2041	* *	5	$16,200	
Aluminum	25%	Now	$257,200	2058	* *	5	$2,700	
Air Infiltration, Extent : Severe, Area Affected : 80%								
Location : 1960 Wing								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 65%								
Location : 1960 Wing								
Deteriorated Finish, Extent : Severe, Area Affected : 80%								
Location : 1960 Wing								
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$32,500	
Masonry: Brick Cavity	25%			LIFE	* *	5-10	$16,200	
Masonry: Limestone	5%			LIFE	* *	5-10	$5,800	
Metal Rail	20%			2038	* *	5-10	$34,300	
Roof								
Copper/Terne	3%			2048	* *	10	$3,800	
Modified Bitumen	75%			2041	* *	10	$37,800	
Other Observation, Extent : N/A, Area Affected : 40%								
Location : Main Roof								
Explanation : Solar Panels Installed								
Single Ply Membrane	20%			2033	$206,300	10	$10,100	
Skylight, Metal/Glass	2%			2043	* *	10	$3,400	
Soffits								
Cement - Fiber Panel	100%	2-4	$8,300	2033	$82,900			
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Upper Overhang								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$87,300	
Mosaic Tile	3%			2038	* *	5	$7,500	
Terrazzo	10%			LIFE	* *	5	$15,600	
Vinyl Tile	37%	0-2	$101,900	2033	$1,019,300	3	$13,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Multipurpose Room And Throughout								
Vinyl Tile 9" X 9"	10%			2028	$1,760,100	3	$5,000	
Wood	20%			2048	* *	5	$37,400	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	13%			2036	* *	5	$15,200	
Concrete Masonry Unit	8%			LIFE	* *	5	$7,500	
Glazed Ceramic Panel	2%			LIFE	* *	10	$2,100	
Gypsum Board	20%			LIFE	* *	5-10	$39,600	
Masonry: Brick	10%			LIFE	* *	10	$3,500	
Marble Panels	2%			LIFE	* *	10	$900	
Plaster	25%			LIFE	* *	5-10	$24,800	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$11,700	
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$19,900	
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Throughout								
AcousTileSusp.Lay-In	30%			2038	* *	5	$29,900	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$6,200	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,000	
Metal Panel	5%			LIFE	* *	5	$12,500	
Loose/Miss Fasteners, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Plaster	35%			LIFE	* *	5-10	$60,000	
Site Enclosure								
Fence/Gates								
Chain Link	40%	2-4	$5,100	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Activity Yard								
Iron Picket	60%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$97,900	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 63rd Drive And Activity Yard								
Spalling, Extent : Severe, Area Affected : 5%								
Location : 63rd Drive								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$20,600	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Asphalt	65%			2036	* *			
Cast in Place Concrete	30%	Now	$3,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs On 63rd Drive								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Stairs On 63rd Drive								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Activity Yard								
Explanation : Cracking And Spalling Of Concrete Curb Supporting Chain Link Fencing								
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Asphalt	85%	2-4	$32,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	15%			2038	* *			
Activity Yard								
Asphalt	80%	0-2	$60,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Play Yard								
Cast in Place Concrete	17%			2038	* *			
Rubber Matting	3%			2033	$9,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2063	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Disconnect Switches Rated At One 1,600 Amperes								
Fused Disc Sw	10%			2063	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Ampere Emergency Lighting Switch								
Photovoltaic Panel(s)	10%			2048	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room And Roof								
Explanation : Solar Panel And 200 Amp-480v Panel Board On Roof . Two Disconnect Switches, 400 Ampere And 200 Ampere In Electrical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2053	* *	5	$200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 112.5 Kva Transformer								
Switchgear / Switchboard								
Fused Disc Sw	40%			2063	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Molded Case Bkrs	60%			2063	* *	5	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Installed Outside Of The Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	70%			2033	$101,200	1		
Conduit	30%			2063	* *	1		
Panelboards								
Molded Case Bkrs	70%			2032	$125,700	5	$1,200	
Molded Case Bkrs	30%			2058	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	15%			2043	* *	1		
Thermoplastic	15%			2063	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$400	
Locally Mounted	20%			2031	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$948,800	10	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2033	$30,000	10	$1,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium And 2nd Fl Freezer Room								
HID	2%			2028	$15,900	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : HID Lights In Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2033	$56,200	10	$8,100	
Exit, Service	50%			2033	$14,400	1		
Exterior Lighting								
HID	10%			2028	$31,300	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$125,800	1	$25,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$172,800	1-3	$42,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Smoke Detectors And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2043	* *	1		
Interruptible Gas/Dual Fuel	70%			2043	* *	1		
Conversion Equipment								
Steam Boiler	70%	0-2	$8,200	2038	* *	1	$41,800	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Boiler 1 Has A Leaky Tube								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Building Basement								
Explanation : 2 Units								
No Component	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : See Under Air Conditioning								
Distribution								
Steam Piping/Pump	70%	Now	$52,600	2043	* *			
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Condensate Return At Multiple Areas In The Basement								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : 2 Sets Of Vacuum Pumps								
No Component	30%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2028	$132,400	1	$6,200	
Convector/Radiator	55%			2031	$210,900	1	$11,900	
No Component	30%							
Controls								
Digital	50%			2028	$673,500			
Pneumatic	50%			2027	$453,200			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%	0-2	$337,700	2043	* *	2	$1,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Rooftop Units Beyond Useful Life And Fail Often								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 12 Units. New Wing Roof								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 12 Rooftop Units								
Split Unit	5%			2028	$79,600			
Window/Wall Unit	55%			2028	$139,600	1		
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium								
Explanation : 6 Split AC Units Under Construction								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,200	
Exhaust Fans								
Interior	50%			2028	$148,600	2	$1,000	
Roof	50%			2033	$65,000	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$171,100	1		
Sanitary Piping								
Cast Iron	100%	Now	$16,900	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : Bathrooms Backup During Heavy Rain								
Storm Drain Piping								
Cast Iron	100%	Now	$4,700	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : Basement In Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%			2033	$13,400	4	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2038	* *	1	$4,100	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Tank. Quantity 1								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2053	* *	1-5	$10,100	
Sprinkler								
No Component	70%							
Generic	30%			2053	* *	1-2	$5,600	
Fire Pump								
No Component	70%							
Generic	30%			2036	* *	1	$3,800	
Chemical System								
Generic	100%			2026	$306,000	1-3	$303,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 75 Square Foot Hood								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 14 - BX**		
Address	: **3041 BRUCKNER BOULEVARD BTWN: BAISLEY AVE., HOLLYWOOD AV**		
Borough	: **BRONX**	**Agency's Number**	: **X014**
Program / Asset #	: **BOE0165.000 / 506**	**Yr Built/Renovated**	: **1928 / 2020**
Area Sq Ft	: **118,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **5313** **Lot** : **92**	**BIN**	: **2072754**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$706,100	$770,300
Interior Architecture	$417,700	$1,032,500
Electrical	$193,400	$263,800
Mechanical	$66,400	$878,200
Total	**$1,383,600**	**$2,944,900**
Importance Code A	$706,100	$770,300
Importance Code B	$386,600	$2,116,800
Importance Code C	$290,900	$57,800
Total	**$1,383,600**	**$2,944,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,100			$12,500
Interior Architecture	$87,800	$51,700		$4,100
Electrical	$3,200	$3,200	$3,600	$22,200
Mechanical	$109,400	$40,800	$80,200	$48,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$297,400**	**$103,600**	**$91,700**	**$94,700**
Importance Code A	$97,900	$8,800	$8,800	$21,600
Importance Code B	$199,500	$70,800	$82,900	$73,100
Importance Code C		$24,100		
Total	**$297,400**	**$103,600**	**$91,700**	**$94,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$264,900	
Masonry: Brick	40%	Now	$372,200	LIFE	* *	5	$45,200	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : North Facade								
Sidewalk Shed in Use, Extent : Light, Area Affected : 50%								
Location : Original Building Facade Only								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : North Facade, Basement Wall, Stair D And E								
Masonry: Brick Cavity	15%			LIFE	* *	5	$17,000	
Recent Construction, Extent : N/A, Area Affected : 20%								
Location : 2020 Addition								
Masonry: Granite	5%	Now	$44,500	LIFE	* *	5	$4,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 1928 School Building								
Masonry: Limestone	5%			LIFE	* *	5	$4,200	
Window Wall	5%			2058	* *	5	$21,200	
Recent Construction, Extent : N/A, Area Affected : 5%								
Location : 2020 Addition								
Windows								
Aluminum	50%	Now	$182,200	2048	* *	5	$9,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : 1928 Building								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 1928 Building								
Aluminum	50%			2054	* *	5	$19,100	
Recent Construction, Extent : N/A, Area Affected : 50%								
Location : 2020 Addition								
Parapets								
Concrete Masonry Unit	50%			LIFE	* *	5	$7,300	
Recent Construction, Extent : N/A, Area Affected : 50%								
Location : 2020 Addition								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Parapet Walls Of Addition								
Explanation : Modified Roofing Over Concrete Masonry Unit								
Masonry: Brick	40%	Now	$32,500	LIFE	* *	5	$5,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Inside Face 1928 School Building								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor On The 1928 School Building								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,000	
Recent Construction, Extent : N/A, Area Affected : 5%								
Location : 2020 Addition								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	45%	Now	$151,600	2032	$505,500			
Air/Water Blisters, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor On 1928 School Building								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor On 1928 School Building								
Copper/Terne	5%	Now	$2,500	2047	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 1928 School Building								
Metal Panel	10%			2049	* *	10	$17,600	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : 2020 Addition								
Plaza Roof: Stone Panels	40%			2058	* *			
Soffits								
Metal Panel	100%			2062	* *	5-10	$46,000	
Interior								
Floors								
Cast in Place Concrete	20%	0-2	$55,600	LIFE	* *	5	$71,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1928 School Building								
Ceramic Tile	5%			2045	* *	5	$8,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Toilets								
Terrazzo	3%	0-2	$9,200	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1928 School Building								
Terrazzo	2%			LIFE	* *	5	$2,600	
Vinyl Tile	20%	Now	$45,200	2032	$903,200	3	$12,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1928 School Building								
Vinyl Tile	40%			2040	* *	3	$24,500	
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : 2020 Addition								
Wood	10%			2060	* *	5	$30,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%			2045	* *	5	$48,100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$12,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	0-2	$56,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1928 School Building								
Plaster	60%	Now	$234,200	LIFE	* *	5	$57,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms 403, 405, 407								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms 403, 405, 407, 409, 411; Stairs 1, 2 And 4 Throughout								
Ceilings								
AcousTile,Adhered	10%	0-2	$10,000	2045	* *	5	$7,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1928 School Building								
AcousTileSusp.Lay-In	30%			2049	* *	5	$46,800	
Recent Construction, Extent : N/A, Area Affected : 20%								
Location : New 2020 Addition								
Exposed Struc: Concrete	20%			LIFE	* *	5	$4,900	
Gypsum Board	10%			LIFE	* *	5	$19,500	
Recent Construction, Extent : N/A, Area Affected : 10%								
Location : New 2020 Addition								
Plaster	30%	Now	$71,200	LIFE	* *	5	$29,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1928 School Building								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 1928 School Building								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2058	* *			
Iron Picket	25%			2076	* *			
Iron Picket	25%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2076	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Asphalt	98%			2045	* *			
Rubber Matting	2%			2040	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2062	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement Old Wings								
Explanation : Two 2000 Ampere And One 1600 Ampere Main Disconnect Switch For Main Service Board A, B And C Old And New Wings								
Transformers								
Dry Type	100%			2052	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 30 Kilovolt Ampere 208 Primary Volts 208/120 Secondary Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2062	* *	5	$500	
Raceway								
Conduit	50%			2032	$121,900	1		
Conduit	50%			2062	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Disc Sw	5%			2057	* *	5	$100	
Molded Case Bkrs	45%			2031	$107,800	5	$1,400	
Molded Case Bkrs	45%			2057	* *	5	$1,400	
Wiring								
Braided Cloth	45%	2-4	$153,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building Old Wings								
Thermoplastic	10%			2032	$34,200	1		
Thermoplastic	45%			2062	* *	1		
Motor Controllers								
Locally Mounted	45%			2037	* *	5	$400	
Locally Mounted	10%			2052	* *	5	$100	
Variable Frequency Drive	45%			2052	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	10%			2042	* *	10	$10,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	40%			2040	* *	10	$43,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Old Wings								
LED	50%			2042	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	20%			2027	$39,600	10	$5,700	
Emergency, Battery	30%			2042	* *	10	$8,500	
Exit, Service	50%			2042	* *	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2072	* *	5	$1,000	
Alarm								
Security System								
No Component	80%							
Generic	5%			2027	$11,100	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors Old Wing								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	5%			2042	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors New Wing								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	10%			2042	* *	1	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	15%			2037	* *	1-3	$10,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Old Wing								
Explanation : Strobes, Alarm Bells, Horns, Pull Box Stations, Smoke Detector And Fire Alarm Panel								
Generic, Digital	15%			2042	* *	1-3	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building New Wing								
Explanation : Strobes, Alarm Bells, Horns, Pull Box Stations, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Gas And No. 2 Fuel								
Conversion Equipment								
Hot Water Boiler	50%			2052	* *	1	$29,200	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Boiler Room. Penthouse								
Steam Boiler	50%			2045	* *	1	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$66,400	2042	* *	4	$5,800	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Defective Thermostat To Regulate Heating								
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Boiler Exhaust Manifold								
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum And Condensate Pumps								
Terminal Devices								
Air Handler	30%			2032	$666,200	1	$21,900	
Convector/Radiator	67%			2037	* *	1	$25,500	
Fan Coil Unit/Heat	3%			2037	* *	1	$1,100	
Other Observation, Extent : N/A, Area Affected : 3%								
Location : Boiler Room. Penthouse								
Explanation : 1 Unit In Penthouse Boiler Room								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	35%			2045	* *	1	$44,700	
Ext Pkg Unit - Heating/Cooling	50%			2040	* *	2	$3,600	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Roof								
Explanation : 3 Units Using Refrigerant 410a With Built In Gas Furnace								
Window/Wall Unit	10%			2030	$44,700	1		
No Component	5%							
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2	$145,800	
No Component	5%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,800	
Exhaust Fans								
Interior	70%	0-2	$36,600	2037	* *	2	$2,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : House Exhaust Fan Defective								
Roof	30%	0-2	$6,900	2032	$68,700	2	$900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Bathroom Exhaust Defective								
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2052	* *	1		
Galvanized Steel	98%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gallons								
Sanitary Piping								
Cast Iron	100%	0-2	$29,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Corroded Sanitary Piping At Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,700	
Sewage Ejector(s)								
Electric	100%			2032	$61,800	4	$7,000	
Backflow Preventer								
Generic	100%			2040	* *	1	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Building								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2058	* *	1-5	$59,500	
Sprinkler								
Generic	5%			2052	* *	1-2	$1,700	
Generic	95%			2058	* *	1-2	$31,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2045	* *	1	$22,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : New Building							
	Explanation : New Building							
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

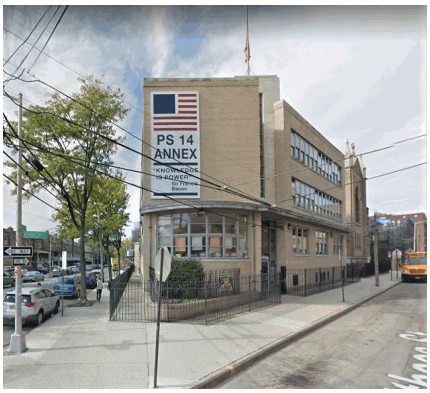
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 14 - Q ANNEX**		
Address	: **89-11 43RD AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASE-Q322**
Program / Asset #	: **BOE1094.000 / 14445**	**Yr Built/Renovated**	: **1957 / 2009**
Area Sq Ft	: **11,821**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1571** **Lot** : **19**	**BIN**	: **4439252**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$88,400	$289,700
Interior Architecture	$291,900	$5,838,300
Mechanical		$175,900
Total	**$380,300**	**$6,303,900**
Importance Code A	$88,400	$289,700
Importance Code B	$291,900	$6,014,200
Total	**$380,300**	**$6,303,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$92,800			
Interior Architecture	$39,300		$2,100	$4,100
Electrical	$4,700	$1,100	$1,400	$1,100
Mechanical	$29,700	$9,400	$9,900	$22,000
Site Enclosure	$10,600			
Site Pavements	$4,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$185,700**	**$14,500**	**$17,400**	**$31,200**
Importance Code A	$97,900	$1,200	$1,200	$1,200
Importance Code B	$48,900	$13,300	$15,200	$30,000
Importance Code C	$38,800		$1,000	
Total	**$185,700**	**$14,500**	**$17,400**	**$31,200**



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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q ANNEX

Asset # : 14445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%	2-4	$88,400	LIFE	* *	5	$53,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stairs And Elevator Penthouse								
Repointing Failure, Extent : Moderate, Area Affected : 2%								
Location : Bulkhead Stair								
Masonry: Granite	3%	Now	$2,800	LIFE	* *	5	$1,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Main Entrance								
Marble Panels	3%			LIFE	* *	5	$2,600	
Window Wall	2%			2043	* *	5	$4,400	
Windows								
Aluminum	100%	Now	$32,300	2041	* *	5	$6,800	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$9,300	
Masonry: Brick	90%			LIFE	* *	5-10	$40,200	
Efflorescence, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Masonry: Marble	5%			LIFE	* *	5-10	$4,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$11,800	2033	$236,000			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Staircase 2 And 3rd Floor Corridor								
Soffits								
Metal Panel	100%			2043	* *	5-10	$2,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,600	
Ceramic Tile	5%			2036	* *	5	$2,200	
Quarry Tile	5%			2038	* *	5	$3,300	
Terrazzo	10%			LIFE	* *	5	$6,900	
Vinyl Tile 9" X 9"	75%	Now	$291,900	2033	$5,838,300	3	$12,400	
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Corridor 1st Floor								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q ANNEX

Asset # : 14445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$2,100	
Glass Block	2%			LIFE	* *	10	$300	
Gypsum Board	25%			LIFE	* *	5-10	$17,700	
SGFT/Glazed Masonry	68%			LIFE	* *	10	$14,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Multipurpose Room								
Ceilings								
AcousTileConcealSpLn	75%			2038	* *	5	$41,400	
AcousTileSusp.Lay-In	5%			2038	* *	5	$2,200	
Gypsum Board	15%	Now	$2,300	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Toilets, Leak From 3rd Floor Toilet								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Toilets, Leak From 3rd Floor Toilet								
Metal Panel	5%			LIFE	* *	5	$5,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$10,600	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	90%			2053	* *			
Masonry: Granite	10%			LIFE	* *	5		
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$2,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Ithica Street								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Along 43rd Avenue At Tree Pits								
On-Site Walkways								
Cast in Place Concrete	80%			2046	* *			
Masonry: Granite	20%	4+	$2,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Main Entrance								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Electrical Room Inside Boys Toilet Room								
Explanation : One 800 Ampere Main Disconnect Switch								

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DEPARTMENT OF EDUCATION - 040
P. S. 14 - Q ANNEX
Asset # : 14445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$100	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$300	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$10,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,400	
Exit, Battery	50%			2038	* *	10	$400	
Exterior Lighting								
HID	10%	Now	$3,300	2043	* *			
Damaged Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$4,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$7,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q ANNEX

Asset # : 14445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$5,200	2038	* *	1	$10,500	
Controller Not Working, Extent : Light, Area Affected : 2%								
Location : Boiler Room - Defective Feedwater Controller								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$3,800	
Controls								
Electrical	100%			2028	$65,700			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	1%			2033	$2,800			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Serves Main Distribution Frame Room								
Window/Wall Unit	5%			2028	$2,200	1		
No Component	94%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,400	
Exhaust Fans								
Roof	100%			2033	$22,900	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 100 Gallon Tank. 275,000 Btu/hr Input. Quantity 1.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$2,400	4	$400	
Sewage Ejector(s)								
Electric	100%			2033	$6,200	4	$700	
Backflow Preventer								
Generic	100%			2033	$5,300	1	$700	

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q ANNEX

Asset # : 14445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Chemical System								
Wet	100%			2028	$110,200	1-3	$125,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood Covers 27 Square Feet (6 Ft L x 4.5 Ft W).								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 140 - BX**		
Address	: **916 EAGLE AVENUE @E. 163 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X140**
Program / Asset #	: **BOE0277.000 / 2602**	**Yr Built/Renovated**	: **1957 / 2008**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Floors 1,2,3**		
Block	: **2627** **Lot** : **9**	**BIN**	: **2004469**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$380,300	$68,500
Interior Architecture	$11,675,100	
Electrical	$145,900	$451,500
Mechanical	$830,700	$3,430,800
Site Pavements	$126,600	
Total	**$13,158,600**	**$3,950,800**
Importance Code A	$380,300	$68,500
Importance Code B	$11,794,100	$3,882,300
Importance Code C	$984,100	
Total	**$13,158,600**	**$3,950,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$50,700		$15,100	$7,700
Interior Architecture	$134,600	$6,100	$4,700	$13,600
Electrical	$1,900	$1,800	$72,300	$2,500
Mechanical	$65,400	$12,500	$51,600	$12,900
Site Enclosure	$2,400			
Site Pavements	$24,500			
Total	**$279,600**	**$20,300**	**$143,700**	**$36,700**
Importance Code A	$59,100	$8,400	$23,700	$16,100
Importance Code B	$166,600	$5,800	$120,000	$20,600
Importance Code C	$53,900	$6,100		
Total	**$279,600**	**$20,300**	**$143,700**	**$36,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%	4+	$298,200	LIFE	* *	5	$68,500	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Metal Panel	10%			2051	* *	5-10	$55,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Cauldwell Avenue, East 163rd Street Facades								
Granite Panels	2%			LIFE	* *	5	$1,200	
Pre-Cast Concrete	3%			LIFE	* *	5	$7,900	
Windows								
Aluminum	75%			2047	* *	5	$15,400	
Aluminum	20%	Now	$4,500	2047	* *	5	$2,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 3%								
Location : 1st Floor Windows								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Windows								
Explanation : Protective Metal Grilles								
Steel	5%	Now	$46,200	2056	* *	5	$6,400	
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Bulkheads								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Cast Stone/Terra Cotta	40%			LIFE	* *	5	$26,700	
Masonry: Brick Cavity	60%			LIFE	* *	5	$5,200	
Roof								
Built-Up (BUR)	98%			2036	* *	10	$82,100	
Copper/Terne	2%			2059	* *	10	$4,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$12,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$8,200	
Mosaic Tile	3%			2036	* *	5	$9,400	
Terrazzo	2%	4+	$4,700	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Lobby								
Vinyl Tile	40%			2039	* *	3	$25,000	
Vinyl Tile 9" X 9"	47%	Now	$207,100	2026	$10,356,300	3	$22,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Stair A Treads, Landings And Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	4+	$37,200	2059	* *	5	$5,900	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Stage								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Gymnasium Water Fountain								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$12,200	
Concrete Masonry Unit	10%	4+	$45,700	LIFE	* *	5	$9,700	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair 3, Basement								
Marble Panels	3%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$25,500	
SGFT/Glazed Masonry	45%	2-4	$984,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Stairwell D								
Loose/Delam Surface, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$19,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	Now	$60,300	2036	* *	5	$18,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor, Corridors, Gymnasium								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2044	* *	5	$12,500	
Exposed Struc: Concrete	18%	Now	$67,300	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Concrete Beam In Water Meter Room								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Concrete Beam In Water Meter Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3								
Metal Panel	2%	4+	$4,100	LIFE	* *	5	$3,100	
Bent/Warped Elements, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Plaster	40%	0-2	$30,400	LIFE	* *	5	$31,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2041	* *			
Iron Picket	80%	2-4	$2,400	2051	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Eagle Avenue								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Eagle Avenue								
Explanation : Loose Section								
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	3%			2051	* *			
Masonry: Brick	97%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$126,600	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Eagle Avenue								
Tripping Hazard, Extent : Moderate, Area Affected : 25%								
Location : Eagle Avenue								
On-Site Walkways								
Asphalt	10%			2034	* *			
Cast in Place Concrete	90%	0-2	$5,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Front Entry								

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DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	90%	2-4	$18,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Cast in Place Concrete	5%			2036	* *			
Rubber Matting	5%			2031	$24,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Explanation : Two 400 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$19,200	5	$200	
Fused Disc Sw	2%			2047	* *	5		
Molded Case Bkrs	80%			2047	* *	5	$1,800	
Molded Case Bkrs	10%			2030	$24,000	5	$200	
Wiring								
Braided Cloth	50%	2-4	$145,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2031	$87,500	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$83,600	5	$400	
Locally Mounted	30%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$74,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2039	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$10,300	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2039	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2026	$16,000	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$43,900	1-3	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Sub-basement								
Explanation : Bell, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : The Oil Tank Was Removed From The Basement Vault								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$84,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Natural Gas Steam Boilers								

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DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	20%			2051	* *	4	$800	
Central Plant Steam Piping/Pmp	80%	Now	$38,200	2031	$1,912,100	4	$3,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2 Leaks Beyond The Boiler At Basement								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room								
Terminal Devices								
Air Handler	30%			2026	$479,900	1	$15,800	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Sub-basement Fan Room								
Air Handler	10%	0-2	$8,000	2026	$160,000	1	$4,700	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Exhaust Fan Broken Bearing And Misaligned Shaft								
Convector/Radiator	60%			2029	$417,000	1	$16,500	
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Computer Room								
Explanation : 1 Unit At Main Distribution Frame Room								
Window/Wall Unit	10%			2026	$32,200	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	
Exhaust Fans								
Interior	20%			2026	$75,400	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Sub-basement Fan Room								
Roof	70%			2026	$115,500	2	$1,800	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Main Roof								
Roof	10%			2031	$16,500	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,085,100	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$6,000	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Lobby And Basement								
Explanation : Occasional Water Backs Up When It Rains Heavily.								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,700	
Backflow Preventer								
No Component	80%							
Generic	20%			2036	* *	1	$1,000	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 140 - BX MINISCHOOL**		
Address	: **916 EAGLE AVENUE @E. 163 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X840**
Program / Asset #	: **BOE0277.010 / 405**	**Yr Built/Renovated**	: **1972 / 2000**
Area Sq Ft	: **7,620**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2627** **Lot** : **9**	**BIN**	: **2004469**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$481,700	
Electrical		$71,700
Mechanical		$124,200
Total	**$481,700**	**$195,800**
Importance Code A	$481,700	
Importance Code B		$195,800
Total	**$481,700**	**$195,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$3,300	
Interior Architecture	$42,000			$1,500
Electrical	$200	$200	$13,500	$100
Mechanical	$900	$500	$1,000	$500
Total	**$43,100**	**$800**	**$17,700**	**$2,100**
Importance Code A	$400	$400	$3,700	$400
Importance Code B	$42,700	$400	$14,000	$1,700
Importance Code C				
Total	**$43,100**	**$800**	**$17,700**	**$2,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 140 - BX MINISCHOOL
Asset # : 405

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$51,000	2041	* *	5	$28,900	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Windows								
Aluminum	100%	Now	$70,700	2056	* *	5	$600	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Windows								
Explanation : Protective Metal Grilles								
Roof								
Metal Panel	100%	Now	$360,000	2051	* *			1
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : At Ridge Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Classrooms Throughout								
Soffits								
Metal Panel	100%			2041	* *	5-10	$12,100	
Interior								
Floors								
Mosaic Tile	5%			2044	* *	5	$1,500	
Vinyl Tile	95%			2036	* *	3	$5,800	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$3,900	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	98%	Now	$39,800	2036	* *	5	$6,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Entry Vestibule								
Exposed Struc: Steel	2%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Structural Steel								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 140 - BX MINISCHOOL
Asset # : 405

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2031	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2030	$1,500	5		
Molded Case Bkrs	95%			2030	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2031	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$7,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$900	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Outside								
Explanation : Surveillance Camera CCTV								
Generic	10%			2026	$1,400	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Motion Sensor And Intrusion Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 140 - BX MINISCHOOL
Asset # : 405

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$3,900	1-3	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Mechanical Room								
Explanation : Bell, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2031	$23,700	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted Duct								
Explanation : One Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2029	$124,200	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,200	
Exhaust Fans								
Interior	100%			2031	$33,800	2	$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Plastic/PVC	100%	Now	$600	2036	* *	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Broken Gutter, Leader								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX MINISCHOOL

Asset # : 405

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 140 - M**		
Address	: **123 RIDGE STREET @ RIVINGTON ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M140**
Program / Asset #	: **BOE0084.000 / 1703**	**Yr Built/Renovated**	: **1959 / 2001**
Area Sq Ft	: **82,834**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Sep-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **344** **Lot** : **1**	**BIN**	: **1004091**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,168,100	$1,326,300
Interior Architecture	$1,239,200	$5,574,800
Electrical	$272,000	$2,327,300
Mechanical	$125,400	$2,263,900
Site Pavements	$57,100	
Total	**$3,861,800**	**$11,492,300**
Importance Code A	$2,240,300	$1,326,300
Importance Code B	$1,483,700	$10,166,000
Importance Code C	$137,700	
Total	**$3,861,800**	**$11,492,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$116,300		$1,000	
Interior Architecture	$110,000		$7,100	$3,900
Electrical	$14,400	$7,700	$8,200	$10,200
Mechanical	$49,300	$19,500	$23,800	$23,400
Site Enclosure	$14,400			
Site Pavements	$43,800			
Total	**$348,200**	**$27,200**	**$40,100**	**$37,600**
Importance Code A	$116,300	$8,200	$9,200	$8,200
Importance Code B	$132,700	$19,000	$30,900	$29,400
Importance Code C	$99,200			
Total	**$348,200**	**$27,200**	**$40,100**	**$37,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$10,900	
Masonry: Brick Cavity	60%	Now	$567,600	LIFE	* *	5	$32,600	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Pit Area In Basement								
Masonry: Limestone	2%			LIFE	* *	5	$1,600	
Metal/Glass Curt Wall	30%			LIFE	* *	5	$61,100	
Granite Panels	6%			LIFE	* *	5	$4,900	
Windows								
Aluminum	100%			2049	* *	5	$36,400	
Parapets								
Masonry: Brick Cavity	95%	Now	$21,100	LIFE	* *	5	$10,500	
Miss/Damaged Flashings, Extent : Severe, Area Affected : 2%								
Location : Main Upper Roofs								
Masonry: Limestone	5%			LIFE	* *	5-10	$6,700	
Roof								
IRMA/Protected Membrane	45%	Now	$26,500	2033	$1,326,300			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Plaza Roof: Stone Panels	50%	Now	$1,600,500	2063	* *			
Vegetation Growth, Extent : Severe, Area Affected : 5%								
Location : Gymnasium Roof At Drains								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Gymnasium Roof And Other Lower Roofs								
Explanation : Ponding Water								
Roll Roofing	5%			2029	$40,400	5	$10,400	
Soffits								
Stucco Cement	100%			2046	* *	5	$2,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$55,300	
Ceramic Tile	5%	Now	$7,100	2042	* *	5	$3,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : 1st And 2nd Floor Student And Teachers Toilet, Kitchen								
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile	45%			2038	* *	3	$21,300	
Vinyl Tile 9" X 9"	25%	Now	$278,700	2033	$5,574,800	3	$11,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Second Floor And Third Floor Corridor, Room 217								
Wood	10%	Now	$753,600	2073	* *	5	$11,800	
Deflection Evident, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%	Now	$79,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Pit Area In Basement								
Concrete Masonry Unit	10%			LIFE	* *	5	$16,800	
Metal: Cage/Fence	5%			LIFE	* *	10	$2,100	
Marble Panels	5%			LIFE	* *	10	$4,200	
Plaster	50%			LIFE	* *	5-10	$89,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$26,300	
Ceilings								
AcousTileConcealSpLn	28%			2038	* *	5	$44,200	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$31,600	
Metal Panel	2%	4+	$1,700	LIFE	* *	5	$3,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Plaster	50%			LIFE	* *	5-10	$108,600	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%			2053	* *			
Chain Link	20%	Now	$5,500	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Attorney Street								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Attorney Street								
Iron Picket	75%	4+	$9,000	2053	* *			
Impact Damage, Extent : Light, Area Affected : 2%								
Location : East Side And West Side Of Building								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$57,100	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Rivington Street At Exit 5								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$43,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : West Side Of Building								
Parking/Driveway								
Asphalt	90%			2036	* *			
Pavers/Stone	10%			2036	* *			
Activity Yard								
Asphalt	70%			2042	* *			
Rubber Matting	30%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	80%			2032	$191,600	5	$1,700	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	20%	2-4	$58,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$1,185,400	10	$72,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	$24,700	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
HID	2%			2033	$19,600	10	$100	
Egress Lighting								
Emergency, Battery	50%			2028	$69,500	10	$10,000	
Exit, Service	50%			2028	$17,900	1		
Exterior Lighting								
HID	20%			2028	$77,300	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$155,500	1	$30,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$213,700	2043	* *	1-3	$46,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Bells, Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$25,700	
Conversion Equipment								
Steam Boiler	100%	0-2	$72,200	2038	* *	1	$73,800	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement. Corroded Boiler Plates								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2028	$311,800	1	$10,200	
Convector/Radiator	80%			2031	$541,900	1	$21,400	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	2%			2033	$39,300			
Window/Wall Unit	20%	0-2	$3,100	2028	$62,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various. Two Units Are Not Working								
No Component	78%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,100	
Exhaust Fans								
Interior	20%	Now	$3,700	2028	$73,500	2	$400	
Broken, Extent : Severe, Area Affected : 10%								
Location : General Kitchen Exhaust								
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : 1 Bathroom Exhaust Fan Is Not Working								
Roof	80%			2028	$128,600	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$53,200	2033	$1,063,900	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Water Main And Gate Valve								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$16,600	4	$2,600	
Sewage Ejector(s)								
Electric	100%			2033	$43,400	4	$4,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$700	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : Kitchen Fire Suppression System Dimension 3 Feet X 16 Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 140 - Q**		
Address	: **116 AVE AND 166 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q140**
Program / Asset #	: **BOE0787.000 / 1541**	**Yr Built/Renovated**	: **1929 / 2013**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **12341** **Lot** : **31**	**BIN**	: **4267260**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$1,353,200	$5,966,400
Electrical	$66,600	$674,800
Mechanical	$1,527,900	$2,001,400
Site Enclosure	$68,200	
Total	**$3,015,900**	**$8,642,700**
Importance Code B	$2,565,700	$8,642,700
Importance Code C	$450,200	
Total	**$3,015,900**	**$8,642,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,800			
Interior Architecture	$128,500	$2,800		$7,800
Electrical	$5,600	$6,600	$8,200	$6,900
Mechanical	$460,000	$10,700	$17,100	$10,700
Site Pavements	$54,500			
Total	**$694,400**	**$20,200**	**$25,400**	**$25,400**
Importance Code A	$58,100	$7,000	$7,000	$7,000
Importance Code B	$604,500	$13,100	$18,300	$18,400
Importance Code C	$31,700			
Total	**$694,400**	**$20,200**	**$25,400**	**$25,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Under Construction	100%							
Windows								
Aluminum	100%			2049	* *	5	$19,000	
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	93%	2-4	$36,300	2038	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Full Roof Replacement Is Beginning								
Copper/Terne	5%			2061	* *	10	$8,400	
Skylight, Metal/Glass	2%			2043	* *	10	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Over Third Floor								
Explanation : One Skylight								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$24,700	
Mosaic Tile	3%	Now	$158,800	2038	* *	5	$4,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Toilets Throughout								
Mosaic Tile	2%			2050	* *	5	$5,600	
Quarry Tile	5%	0-2	$41,500	2046	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	5%	4+	$26,400	LIFE	* *	5	$4,400	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Vinyl Tile	30%	Now	$280,500	2033	$934,900	3	$12,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	4+	$99,500	2028	$4,977,300	3	$10,600	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout Corridors 3rd Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Wood	25%	2-4	$168,200	2048	* *	5	$26,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$12,000	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout Basement								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Waterproofing Throughout Basement								
Ceramic Tile	5%	Now	$158,000	2036	* *	5	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Masonry: Brick	10%			LIFE	* *	10	$2,900	
Marble Panels	5%	4+	$16,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Plaster	50%	Now	$116,500	LIFE	* *	5	$14,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 3rd Floor								
SGFT/Glazed Masonry	25%	Now	$107,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair J								
Ceilings								
AcousTileConcealSpLn	10%			2038	* *	5	$14,100	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$14,100	
Metal Panel	3%			LIFE	* *	5	$8,500	
Plaster	77%	Now	$264,200	LIFE	* *	5	$54,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 3rd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	75%	4+	$68,200	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Not Accessible	25%							
Retaining Walls								
Not Accessible	100%							
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$42,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Not Accessible	10%							
Activity Yard								
Asphalt	75%	4+	$12,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basketball And Handball Courts								
Ponding, Extent : Light, Area Affected : 2%								
Location : Basketball Court								
Pavers/Stone	5%			2046	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Seating Areas In Play Yard								
Rubber Matting	20%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$9,000	5	$100	
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Knife Sw	5%			2032	$9,000	5	$100	
Fused Toggle Switch	5%			2032	$9,000	5	$100	
Molded Case Bkrs	20%			2032	$35,900	5	$400	
Molded Case Bkrs	60%			2049	* *	5	$1,100	
Wiring								
Braided Cloth	75%			2032	$149,700	1		
Thermoplastic	25%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2031	$35,800	5	$100	
Locally Mounted	50%			2038	* *	5	$200	
Motor Control Center	20%			2031	$59,100	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$61,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2038	* *	10	$6,900	
Exit, Battery	50%			2038	* *	10	$2,400	
Exterior Lighting								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Scaffolding Around The Building								
Alarm								
Security System								
Generic	100%	Now	$66,600	2041	* *	1	$23,900	
Control Panel Damaged, Extent : Moderate, Area Affected : 100%								
Location : Custodian's Office								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$43,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Above Ground Tank, 7,500 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$12,400	2038	* *	1	$63,300	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement - Leaking Manholes At Both Boilers, Clogged Blowdown At Boiler No. 1								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 4,548 Mbh Net Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$15,700	
Steam Piping/Pump	75%	Now	$85,300	2033	$426,400			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement - Vacuum Condensate Return								
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Classrooms, Offices - Terminal Unit Steam Traps								
Unit Inoperable, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Chemical Treatment System								
Terminal Devices								
Air Handler	25%			2028	$334,000	1	$11,000	
Convector/Radiator	50%			2031	$290,300	1	$11,500	
Fan Coil Unit/Heat	20%	Now	$70,400	2028	$352,100	1	$4,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Classrooms, Corridors And Other Locations								
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Unit Heater - Steam	5%			2028	$20,200	4	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen, 3rd Floor Girls Toilet								
Explanation : 3 Units								
Controls								
Pneumatic	100%	Now	$411,700	2027	$1,372,200			
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	80%			2055	* *	1		
No Component	20%							
Conversion Equipment								
Split Unit	5%			2033	$84,300			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Telecom Room								
Explanation : 1 Unit								
Window/Wall Unit	80%			2032	$215,200	1		
Recent Installation, Extent : N/A, Area Affected : 95%								
Location : Throughout								
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2033	$299,100	2	$2,100	
Roof	5%	Now	$1,400	2028	$6,900	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit - Kitchen Hood Exhaust, Defective Motor								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Light, Area Affected : 50%								
Location : Various Locations								
Water Heater With Tanks								
Electric	50%			2032	$11,800	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit, 80 Gallons. Quantity 1								
Gas Fired	50%			2028	$8,500	2		
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$2,800	2028	$14,200	4	$1,500	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Basement - 1 Unit Of 2 Inoperable								
Backflow Preventer								
Generic	100%			2028	$31,700	1	$4,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$49,100	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 142 - M**		
Address	: **100 ATTORNEY STREET @ RIVINGTON ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M142**
Program / Asset #	: **BOE0085.000 / 1704**	**Yr Built/Renovated**	: **1976 / 2009**
Area Sq Ft	: **99,495**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Sep-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **343** **Lot** : **1**	**BIN**	: **1004080**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,918,500	$104,900
Interior Architecture	$204,300	
Electrical	$58,300	$2,971,600
Mechanical	$210,000	$2,441,400
Site Pavements		$89,200
Total	**$2,391,100**	**$5,607,200**
Importance Code A	$2,005,200	$104,900
Importance Code B	$236,700	$5,502,300
Importance Code C	$149,100	
Total	**$2,391,100**	**$5,607,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,900		$24,400	
Interior Architecture	$199,700		$20,100	
Electrical	$23,900	$16,200	$16,800	$19,100
Mechanical	$209,300	$25,000	$33,800	$20,400
Site Pavements	$62,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$554,400**	**$45,100**	**$99,000**	**$43,400**
Importance Code A	$54,900	$9,900	$34,200	$9,900
Importance Code B	$401,700	$35,300	$64,800	$33,500
Importance Code C	$97,800			
Total	**$554,400**	**$45,100**	**$99,000**	**$43,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$61,700	
Masonry: Brick Cavity	85%			LIFE	* *	5	$209,800	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$46,300	
Windows								
Aluminum	100%			2041	* *	5	$43,200	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$72,200	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Interior Face								
Pre-Cast Concrete	5%	4+	$900	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Southside Of Main Roof								
Roof								
IRMA/Protected Membrane	98%	Now	$1,752,000	2043	* *			
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Various Areas On All Roofs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	2%			2046	* *	10	$2,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$65,100	
Ceramic Tile	5%	Now	$21,000	2042	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor Staff Toilet								
Quarry Tile	5%			2046	* *	5	$11,200	
Vinyl Tile	78%			2038	* *	3	$43,500	
Wood	2%			2068	* *	5	$5,600	
Recent Installation, Extent : N/A, Area Affected : 70%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$17,200	
Folding Partition	5%	Now	$149,100	2049	* *	5	$13,500	
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Glass: Single Pane	5%			LIFE	* *	5	$16,200	
Metal Panel	5%			LIFE	* *	10	$4,800	
Metal: Cage/Fence	5%			LIFE	* *	10	$2,200	
Plaster	45%	4+	$47,200	LIFE	* *	5	$29,100	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Stair Bulkhead At Roof Level And Stair Bulkhead								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$26,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$36,000	
AcousTileConcealSpLn	20%	Now	$9,300	2038	* *	5	$18,000	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Exposed Struc: Concrete	35%			LIFE	* *	5-10	$63,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,400	
Metal Panel	5%			LIFE	* *	5	$18,000	
Plaster	10%			LIFE	* *	5-10	$24,700	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$23,500	2038	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Rivington Street								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	80%	0-2	$30,200	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	20%	Now	$8,900	2033	$89,200			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Small Play Yard								
Explanation : Seperating At Seams								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	100%			2033	$201,800	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	20%			2032	$47,900	5	$500	
Molded Case Bkrs	60%			2032	$143,700	5	$1,600	
Molded Case Bkrs	20%			2041	* *	5	$500	
Wiring								
Braided Cloth	20%	0-2	$58,300	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2033	$233,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$30,600	
Generators								
Natural Gas	100%			2029	$138,700	1	$38,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Generator Rated At 85 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,700	
Lighting								
Interior Lighting								
Fluorescent	93%			2033	$1,379,300	10	$84,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	7%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED								
Egress Lighting								
Emergency, Service	40%			2028	$24,500	1		
Emergency, Battery	10%			2038	* *	10	$2,400	
Exit, Service	50%			2028	$21,500	1		
Exterior Lighting								
HID	20%			2028	$92,900	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2028	$93,400	1	$18,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Generic	50%			2041	* *	1	$18,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior And Exterior								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$256,600	1-3	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	* *	5	$30,800	
Conversion Equipment								
Steam Boiler	100%	0-2	$86,700	2038	* *	1	$88,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement. Defective Gas Train								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	30%			2028	$561,700	1	$18,500	
Convector/Radiator	70%			2038	* *	1	$22,500	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	0-2	$44,000	2028	$440,400	1	$12,500	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Two Defective Compressors For Cafetaria, Auditorium And Library								
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 2nd Floor Fan Room								
Window/Wall Unit	60%			2028	$226,200	1		
No Component	10%							

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DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2053	* *	4	$2,200	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	50%	Now	$43,400	2028	$868,800	1	$27,700	
Damper(s) Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Mechanical Rooms 2nd Floor								
No Component	50%							
Heat Rejection								
Dry Cooler	30%	2-4	$123,300	2043	* *	2	$16,600	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Lower Roof								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Lower Roof								
Explanation : Obsolete Unit								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,800	
Exhaust Fans								
Interior	40%	Now	$17,700	2028	$176,500	2	$1,000	
Broken, Extent : Severe, Area Affected : 20%								
Location : Toilet Exhaust								
Roof	60%	Now	$23,200	2033	$115,800	2	$1,500	
Noisy/Vibrating, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$25,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Occasional Sewage Backup At Basement During Heavy Rain								
Storm Drain Piping								
Cast Iron	100%	Now	$17,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2033	$52,100	4	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$50,200	
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 143 - Q**		
Address	: **34-74 113 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q143**
Program / Asset #	: **BOE0790.000 / 1542**	**Yr Built/Renovated**	: **1929 / 2008**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **1756** **Lot** : **25**	**BIN**	: **4043827**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$60,100	$441,700
Interior Architecture	$62,400	$148,300
Electrical		$650,600
Mechanical		$575,100
Total	**$122,500**	**$1,815,600**
Importance Code A	$60,100	$441,700
Importance Code B		$1,374,000
Importance Code C	$62,400	
Total	**$122,500**	**$1,815,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$139,200			
Interior Architecture	$124,300		$31,300	$2,200
Electrical	$20,800	$15,600	$17,300	$16,600
Mechanical	$91,000	$39,600	$44,900	$42,000
Site Enclosure	$45,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$424,500**	**$59,100**	**$97,400**	**$64,700**
Importance Code A	$148,700	$6,600	$6,600	$6,600
Importance Code B	$201,300	$52,600	$85,900	$58,200
Importance Code C	$74,600		$4,900	
Total	**$424,500**	**$59,100**	**$97,400**	**$64,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	35%			LIFE	* *	5	$54,500	
Masonry: Brick Cavity	55%			LIFE	* *	5	$85,600	
Masonry: Granite	3%			LIFE	* *	5	$3,500	
Masonry: Limestone	5%			LIFE	* *	5	$5,800	
Pre-Cast Concrete	2%			LIFE	* *	5	$10,100	
Windows								
Aluminum	99%	Now	$60,100	2049	* *	5	$12,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : 1980's Wing								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 1980's Wing								
Metal Louvers	1%			2042	* *	10	$1,600	
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5-10	$51,400	
Masonry: Limestone	5%			LIFE	* *	5-10	$7,100	
Metal Panel	25%			2059	* *	5	$11,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,300	
Roof								
Built-Up (BUR)	25%			2038	* *	10	$13,300	
Copper/Terne	5%			2061	* *	10	$6,700	
IRMA/Protected Membrane	35%			2033	$441,700	10	$18,700	
IRMA/Protected Membrane	35%			2041	* *	10	$18,700	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$55,100	
Ceramic Tile	5%			2042	* *	5	$4,200	
Sheet Vinyl/Rubber	2%			2038	* *	5	$2,500	
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	57%			2038	* *	3	$18,000	
Vinyl Tile	15%			2041	* *	3	$4,700	
Vinyl Tile 9" X 9"	1%			2028	$148,300	3	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Room 321								
Explanation : Remaining Vinyl 9 X 9								

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%			2046	* *	5	$9,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,200	
Gypsum Board	20%			LIFE	* *	5-10	$22,300	
Masonry: Brick	10%	Now	$62,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Old Wing								
Marble Panels	5%			LIFE	* *	10	$1,300	
Plaster	25%			LIFE	* *	5-10	$13,900	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$4,900	
Ceilings								
AcousTileConcealSpLn	15%			2046	* *	5	$15,800	
AcousTileSusp.Lay-In	26%			2046	* *	5	$21,800	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$15,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$8,400	
Fiber Board	2%			2038	* *			
Gypsum Board	5%			LIFE	* *	5-10	$14,400	
Metal Panel	2%			LIFE	* *	5	$4,200	
Plaster	30%			LIFE	* *	5-10	$43,300	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Iron Picket	35%	2-4	$42,300	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout Old Wing								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Old Wing Loading Dock								
Iron Picket	25%			2077	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$3,000	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Areaway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	40%			2036	* *			
Cast in Place Concrete	55%			2046	* *			
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,200 Amperes								
Fused Disc Sw	50%			2033	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$182,100	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Vertical Sections								
Fused Disc Sw	20%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	70%			2033	$141,200	1		
Conduit	30%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	20%			2032	$47,900	5	$500	
Molded Case Bkrs	70%			2041	* *	5	$1,800	
Wiring								
Thermoplastic	30%			2033	$87,500	1		
Thermoplastic	70%			2059	* *	1		
Motor Controllers								
Locally Mounted	25%			2038	* *	5	$200	
Locally Mounted	25%			2050	* *	5	$200	
Variable Frequency Drive	50%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	50%			2031	$13,400	1	$14,600	
Automatic	50%			2050	* *	1	$14,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	50%			2046	* *	1	$18,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 400 Kilowatts								
Natural Gas	50%			2029	$69,300	1	$18,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 125 Kilovolt Amperes								
Batteries								
Lead/Acid	50%			2024	$1,200	5	$1,800	
Lead/Acid	50%			2028	$1,200	5	$1,800	
Fuel Storage								
Day Tank	100%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Attached To The New Generator								
Explanation : 300 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	45%			2038	* *	10	$39,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	55%			2041	* *			
Egress Lighting								
Emergency, Service	25%			2028	$14,600	1		
Emergency, Service	25%			2041	* *	1		
Exit, Service	25%			2028	$10,200	1		
Exit, Service	25%			2041	* *	1		
Exterior Lighting								
HID	10%			2028	$44,300	10		
LED	10%			2041	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$600	
Alarm								
Security System								
Generic	50%			2041	* *	1	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Front Of The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2041	* *	1	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	50%			2028	$122,500	1-3	$30,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways Of The Old Building								
Explanation : Alarm Bells, Manual Pull Stations, And Smoke Detectors								
Generic, Digital	50%			2041	* *	1-3	$29,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways Of The New Building								
Explanation : Alarm Bells, Manual Pull Stations, And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	60%			2059	* *	1		
Interruptible Gas/Dual Fuel	40%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	60%			2050	* *	1	$28,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Of New Building								
Explanation : 2 Units. Unit No.1 With Mechanical Defects.								
Steam Boiler	40%	0-2	$6,600	2038	* *	1	$33,900	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Unit No.1 Is Down For 3 Years. Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units.								
Distribution								
Hot Wtr Piping/Pump	60%			2055	* *	4	$2,800	
Steam Piping/Pump	20%	Now	$7,600	2043	* *			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pumps. Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pumps. Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Variouse Locations								
Steam Piping/Pump	20%			2043	* *			
Terminal Devices								
Air Handler	10%			2033	$178,800	1	$5,900	
Air Handler	45%			2041	* *	1	$26,400	
Convector/Radiator	30%			2038	* *	1	$9,200	
Convector/Radiator	15%			2050	* *	1	$4,600	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	40%			2041	* *	1		
Electricity	60%			2055	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	55%			2041	* *	1	$24,200	
R-410a Refrigerant, Extent : Light, Area Affected : 100% Location : Roof								
Split Unit	15%			2041	* *			
Window/Wall Unit	20%			2028	$72,000	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	55%			2059	* *	4	$2,600	
No Component	45%							
Terminal Devices								
Air Handler/Cool/Ht	55%			2041	* *	1	$32,300	
Fan Coil - 2 Pipe	15%			2041	* *	1	$4,600	
No Component	30%							
Heat Rejection								
Air Cooled Condenser Unit	70%			2041	* *	2	$46,300	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	1%	0-2	$800	LIFE	* *	2-5	$500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5% Location : Roof								
Ductwork/Diffusers	39%			LIFE	* *	2-5	$32,700	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$50,300	
Exhaust Fans								
Interior	30%			2033	$126,400	2	$900	
Roof	10%			2033	$18,400	2	$300	
Roof	60%			2041	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2043	* *	1		
Brass/Copper	60%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	40%	Now	$10,200	2033	$20,500	2		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Old Building Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Old Building Boiler Room								
Explanation : 1 Obsolete 600 Gallons Unit.								
Gas Fired	60%			2032	$30,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Of New Building								
Explanation : 1 Unit With One 250 Gallons Tank.								
Sanitary Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	40%	0-2	$2,700	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Cast Iron	60%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	40%			2028	$7,600	4	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Old Building Boiler Room								
No Component	60%							
Backflow Preventer								
Generic	100%			2041	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	60%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 2 Units								
Hydraulic	40%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	20%							
Generic	20%			2043	* *	1-5	$9,600	
Generic	60%			2059	* *	1-5	$28,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	38%							
Generic	2%			2033	$26,300	1-2	$500	
Generic	60%			2059	* *	1-2	$16,000	
Fire Pump								
No Component	40%							
Generic	60%			2046	* *	1	$10,600	
Chemical System								
Generic	100%			2032	$102,000	1-3	$93,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 25 Square Feet.								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 144 - Q**		
Address	: **93-02 69 AVENUE @KESSEL ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q144**
Program / Asset #	: **BOE0791.000 / 1544**	**Yr Built/Renovated**	: **1930 / 2019**
Area Sq Ft	: **118,870**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jul-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **3212** **Lot** : **1**	**BIN**	: **4076870**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$482,000	$769,500
Interior Architecture	$108,200	$2,119,400
Electrical	$168,000	$675,600
Mechanical	$294,700	$540,000
Total	**$1,052,900**	**$4,104,500**
Importance Code A	$482,000	$805,400
Importance Code B	$570,900	$3,299,000
Total	**$1,052,900**	**$4,104,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$12,000	$14,600
Interior Architecture	$107,400	$9,300	$33,400	$7,800
Electrical	$5,300	$800	$400	$200
Mechanical	$56,600	$22,300	$69,000	$31,100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$181,100**	**$44,300**	**$126,600**	**$65,500**
Importance Code A	$9,400	$9,400	$21,600	$24,100
Importance Code B	$81,000	$34,900	$105,000	$41,400
Importance Code C	$90,700			
Total	**$181,100**	**$44,300**	**$126,600**	**$65,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$58,500	
Masonry: Brick	50%	Now	$308,300	LIFE	* *	5	$74,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation, Old Coal Room								
Masonry: Brick Cavity	38%			LIFE	* *	5	$56,900	
Masonry: Granite	5%			LIFE	* *	5	$5,600	
Metal/Glass Curt Wall	2%			LIFE	* *	5	$5,600	
Windows								
Aluminum	100%			2047	* *	5	$29,200	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$15,800	
Copper/Terne	5%			2066	* *	5	$3,300	
Masonry: Brick	80%			LIFE	* *	5	$10,900	
Roof								
Built-Up (BUR)	60%	Now	$173,800	2031	$579,200			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 402								
Copper/Terne	5%			2046	* *	10	$10,300	
IRMA/Protected Membrane	35%			2039	* *	10	$28,900	
Interior								
Floors								
Mosaic Tile	5%			2036	* *	5	$22,200	
Terrazzo	10%			LIFE	* *	5	$13,900	
Vinyl Tile	35%			2036	* *	3	$31,100	
Vinyl Tile	42%			2031	$2,063,800	3	$28,000	
Wood	8%			2046	* *	5	$26,700	
Interior Walls								
Cast in Place Concrete	8%	Now	$49,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	13%			2034	* *	5	$21,200	
Concrete Masonry Unit	10%	Now	$30,600	LIFE	* *	5	$6,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Gypsum Board	8%			LIFE	* *	5	$7,800	
Marble Panels	5%			LIFE	* *			
Plaster	28%			LIFE	* *	5	$13,700	
SGFT/Glazed Masonry	28%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$17,800	
AcousTileSusp.Lay-In	10%			2044	* *	5	$17,800	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	$55,600	
Plaster	40%	Now	$108,200	LIFE	* *	5	$44,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Room 402								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2041	* *			
Under Construction	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Iron Picket Old Wing								
Explanation : Panels Removed For Scaffolding And Construction								
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	90%			2040	* *			
Rubber Matting	10%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$36,000	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : No Available Nameplate Rating Capacity								
Fused Disc Sw	30%			2057	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2031	$182,100	5	$400	
Fused Disc Sw	30%			2057	* *	5	$200	
Raceway								
Conduit	70%			2031	$170,600	1		
Conduit	30%			2057	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$300	
Fused Disc Sw	5%			2053	* *	5	$100	
Molded Case Bkrs	40%			2030	$95,800	5	$1,300	
Molded Case Bkrs	45%			2053	* *	5	$1,400	
Wiring								
Braided Cloth	30%	2-4	$102,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section Of The Building								
Thermoplastic	30%			2051	* *	1		
Thermoplastic	40%			2031	$136,700	1		
Motor Controllers								
Locally Mounted	30%			2029	$54,400	5	$200	
Locally Mounted	70%			2048	* *	5	$600	
Ground								
Grounding Devices								
Generic	50%	2-4	$5,200	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Generic	50%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	60%			2036	* *	10	$65,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Sections Of The Building								
Explanation : T- 8 Lamps								
LED	40%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$14,300	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2057	* *	1		
Interruptible Gas/Dual Fuel	60%			2041	* *	1		
Conversion Equipment								
Furnace	30%			2036	* *	1	$17,600	
Hot Water Boiler	10%			2044	* *	1	$5,900	
Steam Boiler	60%			2044	* *	1	$70,600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement Boiler Room							
	Explanation : 2 Units							
Distribution								
Hot Wtr Piping/Pump	10%			2047	* *	4	$600	
Steam Piping/Pump	60%	0-2	$28,600	2041	* *			
	Steam Traps Faulty, Extent : Moderate, Area Affected : 40%							
	Location : Various Locations							
No Component	30%							
Terminal Devices								
Air Handler	10%			2031	$223,700	1	$7,400	
Convector/Radiator	40%			2036	* *	1	$15,400	
Convector/Radiator	10%			2044	* *	1	$3,800	
Fan Coil Unit/Heat	10%			2026	$294,700	1	$3,800	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	60%			2039	* *	1		
Electricity	40%			2053	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2036	* *	1	$16,500	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : New Wing Roof							
	Explanation : 7 Units. R-407c Refrigerant							
Split Unit	10%			2036	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : New Wing Roof							
	Explanation : 8 Units							
Window/Wall Unit	5%			2026	$22,500	1		
No Component	55%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2057	* *	4	$2,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2036	* *	1	$22,100	
Fan Coil - 2 Pipe	10%			2036	* *	1	$3,800	
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	40%			2036	* *	2	$33,100	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$39,800	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$26,500	
Exhaust Fans								
Interior	60%			2031	$316,300	2	$2,200	
Roof	40%			2036	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2057	* *	1		
Brass/Copper	60%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	60%			2026	$10,200	2		
Gas Fired	40%			2030	$6,800	2		
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$23,800	4	$2,500	
Sewage Ejector(s)								
Electric	40%			2039	* *	4	$1,900	
No Component	60%							
Backflow Preventer								
Generic	100%			2039	* *	1	$7,300	
Fixtures								
Generic	60%							
Generic	40%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2057	* *	1-5	$24,900	
Sprinkler								
No Component	60%							
Generic	40%			2057	* *	1-2	$13,300	
Fire Pump								
No Component	60%							
Generic	40%			2044	* *	1	$8,900	
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 145 - BK**		
Address	: **100 NOLL STREET BTWN: EVERGREEN AVE., CENTRAL**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K145**
Program / Asset #	: **BOE0447.000 / 2749**	**Yr Built/Renovated**	: **1905 / 2013**
Area Sq Ft	: **100,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4,Ph**		
Block	: **3153** **Lot** : **11**	**BIN**	: **3071915**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$882,700	$218,000
Interior Architecture	$676,800	$721,600
Electrical	$278,800	$952,000
Mechanical	$1,670,100	$2,105,400
Total	**$3,508,400**	**$3,997,100**
Importance Code A	$969,800	$218,000
Importance Code B	$2,400,500	$3,548,700
Importance Code C	$138,100	$230,400
Total	**$3,508,400**	**$3,997,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,800			
Interior Architecture	$115,100		$1,500	$10,300
Electrical	$89,600	$19,000	$2,400	$1,900
Mechanical	$130,000	$31,200	$19,000	$14,100
Site Pavements	$12,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$359,700**	**$54,100**	**$26,800**	**$30,200**
Importance Code A	$8,800	$10,100	$9,900	$9,900
Importance Code B	$290,400	$44,000	$16,900	$20,300
Importance Code C	$60,400			
Total	**$359,700**	**$54,100**	**$26,800**	**$30,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$147,300	
Masonry: Brick	75%	0-2	$116,400	LIFE	* *	5	$70,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Windows								
Aluminum	100%	Now	$319,200	2038	* *	5	$6,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,700	
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Roof								
Built-Up (BUR)	95%	Now	$447,000	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Upper Roof								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 413, 415, 417, 422, And Toilet On 1st Floor, Various Other Areas								
Copper/Terne	5%	Now	$8,800	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Bulkhead Stairs								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2029	$53,100	3	$4,500	
Cast in Place Concrete	15%			LIFE	* *	5	$49,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement Throughout								
Ceramic Tile	5%	Now	$8,500	2033	$422,800	5	$3,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Staff Bathrooms								
Marble Panels	3%			LIFE	* *	5	$3,400	
Vinyl Tile	30%	Now	$62,100	2035	* *	3	$16,900	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vinyl Tile 9" X 9"	25%	Now	$330,900	2040	* *	3	$14,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	20%	Now	$35,800	2045	* *	5	$28,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Rooms 102, 105 And 210								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Rooms 102, 105 And 210								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	8%	Now	$42,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement Electrical Room								
Cast Stone/Terra Cotta	2%	Now	$18,000	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Throughout								
Ceramic Tile	3%			2033	$230,400	5	$4,200	
Glass: Single Pane	2%			LIFE	* *	5	$2,100	
Gypsum Board	20%			LIFE	* *	5	$16,700	
Masonry: Brick	10%	Now	$53,200	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Basement Areas								
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$84,900	LIFE	* *	5	$20,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Rooms 301, 401, 402 And Stair 5. Also Staff Room Near Cafeteria And Elevator Area In Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 301, 401, 418 And Stair 5. Also Staff Room Near Cafeteria And Elevator Area In Basement								
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$15,000	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : 4th Floor Classrooms								
Gypsum Board	2%	Now	$10,500	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement Restroom								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement Restroom								
Masonry: Vault Struct	15%	Now	$79,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Basement Locations								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Various Basement Locations								
Explanation : Rusting Steel Supports								
Plaster	73%	Now	$66,600	LIFE	* *	5	$68,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 401, 402, 418 And Staff Restroom And Main Office And Elevator Area In Basement And Numerous Areas Throughout								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2050	* *			
Retaining Walls								
Cast in Place Concrete	10%			2050	* *			
Masonry: Fieldstone	90%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$12,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%			2035	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2060	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 2,000 Amperes One Emergency Lighting 200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2060	* *	5	$400	
Raceway								
Conduit	80%			2030	$161,400	1		
Conduit	10%			2050	* *	1		
Conduit	10%			2060	* *	1		
Panelboards								
Fused Disc Sw	30%			2029	$71,800	5	$700	
Molded Case Bkrs	20%			2029	$47,900	5	$500	
Molded Case Bkrs	10%			2046	* *	5	$300	
Molded Case Bkrs	30%			2038	* *	5	$800	
Molded Case Bkrs	10%	0-2	$500	2055	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Penthouse								
Explanation : Panel Cover Not Secure, Loose Hardware Within Energized Panel.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$204,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Thermoplastic	10%			2060	* *	1		
Motor Controllers								
Locally Mounted	60%			2028	$71,700	5	$400	
Locally Mounted	20%	2-4	$14,300	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	20%			2050	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	80%			2040	* *	10	$73,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%	Now	$7,500	2038	* *			
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Stairways								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors And Stairways								
Explanation : Single Bulb T-8 Fixtures Installed.								
Fluorescent	5%			2025	$74,500	10	$4,600	
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Chandeliers								
HID	5%			2030	$59,200	10	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium Ceiling								
Explanation : Recessed Fixtures								
Incandescent	5%	Now	$41,600	2038	* *	2	$100	
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Lobby								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$12,100	
Exit, Service	50%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%	0-2	$23,300	2030	$466,600			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Explanation : Conduit To Parapet Fixtures Is Damaged Exposing Conductors.								
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$37,500	1	$7,500	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2038	* *	1-3	$12,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	4+	$87,200	2035	* *	1	$89,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers Insulation Slightly Damaged.								
Distribution								
Steam Piping/Pump	80%	0-2	$12,800	2030	$640,600			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Various Areas In Boiler Room And Sub-basement								
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Steam Piping/Pump	20%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	5%	0-2	$18,800	2025	$94,100	1	$2,800	
Damaged, Extent : Severe, Area Affected : 5%								
Location : Deteriorating Flexible Connections								
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Sub-basement Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement Fan Room								
Air Handler	25%	0-2	$94,100	2025	$470,500	1	$13,900	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Sub-basement Fan Room								
Convector/Radiator	10%	0-2	$49,100	2050	* *	1	$2,900	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Steam Traps And Climate Control Systems								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	40%	2-4	$6,500	2028	$327,100	1	$11,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	20%	2-4	$9,900	2025	$495,900	1	$5,800	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Gymnasium In The 1924 Wing Of The Building								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1924 Wing Of The Building								
Explanation : Unit Ventilator								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%	Now	$32,900	2040	* *	2	$200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Split Unit	2%			2030	$47,500			
Window/Wall Unit	30%			2025	$113,700	1		
No Component	63%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%	Now	$35,100	LIFE	* *	2-5	$22,300	
Needs Cleaning, Extent : Severe, Area Affected : 100%								
Location : Bird Infested Penthouse.								
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%	Now	$177,400	2040	* *	2	$1,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Sub-basement And Penthouse								
Roof	60%	2-4	$11,600	2030	$116,400	2	$1,500	
Broken, Extent : Severe, Area Affected : 100%								
Location : 3 Units Housing On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%	4+	$20,400	2028	$1,021,300	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Service Valves In Basement								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%	2-4	$63,000	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$7,100	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2030	$20,000	4	$2,100	
Backflow Preventer								
No Component	98%							
Generic	2%			2035	* *	1	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Back Flow Preventer Serves Boiler Only								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 100%								
Location : Various Lavatories								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 145 - BK
Asset # : 2749

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 145 - M**		
Address	: **150 WEST 105 STREET @ AMSTERDAM AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M145**
Program / Asset #	: **BOE0088.000 / 1705**	**Yr Built/Renovated**	: **1961 / 2010**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1859** **Lot** : **1**	**BIN**	: **1076625**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$715,700	$111,200
Interior Architecture	$2,676,400	$3,118,100
Electrical	$224,100	$2,326,000
Mechanical	$62,500	$718,100
Total	**$3,678,600**	**$6,273,300**
Importance Code A	$715,700	$111,200
Importance Code B	$2,347,700	$6,162,200
Importance Code C	$615,200	
Total	**$3,678,600**	**$6,273,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,000			
Interior Architecture	$78,100			$15,100
Electrical	$19,300	$7,300	$7,500	$9,800
Mechanical	$92,300	$10,900	$18,700	$10,900
Site Pavements	$43,000			
Total	**$260,600**	**$18,200**	**$26,300**	**$35,800**
Importance Code A	$35,700	$7,700	$7,700	$7,700
Importance Code B	$219,200	$10,400	$18,500	$28,000
Importance Code C	$5,700			
Total	**$260,600**	**$18,200**	**$26,300**	**$35,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	2-4	$457,700	LIFE	* *	5	$111,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Courtyard Area								
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : North Facade, Corners								
Metal Panel	5%			2053	* *	5-10	$42,500	
Window Wall	5%			2053	* *	5	$23,200	
Windows								
Aluminum	100%	Now	$178,000	2049	* *	5	$18,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$93,700	
Metal Panel	20%			2053	* *	5	$13,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Parapet Wall								
Explanation : Metal Panel Over Coping Stones								
Roof								
Built-Up (BUR)	50%	4+	$24,700	2038	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Lower								
Copper/Terne	5%			2061	* *	10	$10,600	
Modified Bitumen	45%			2038	* *	10	$38,100	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$6,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$70,500	
Ceramic Tile	5%	Now	$454,600	2048	* *	5	$4,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Girls Toilet Room								
Terrazzo	5%			LIFE	* *	5	$12,600	
Vinyl Tile	70%			2033	$3,118,100	3	$56,400	
Vinyl Tile 9" X 9"	5%	Now	$1,422,900	2043	* *	3	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Principals Closet, Telephone Room								
Wood	5%			2048	* *	5	$15,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	4+	$74,600	2046	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,400	
Masonry: Brick	5%			LIFE	* *	10	$2,000	
Plaster	45%	Now	$296,900	LIFE	* *	5	$18,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	40%	4+	$243,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stairwell B								
Ceilings								
AcousTileConcealSpLn	30%	4+	$77,800	2046	* *	5	$30,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 2nd Floor								
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$120,900	
Plaster	10%			LIFE	* *	5-10	$27,700	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2043	* *			
Iron Picket	90%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$42,000	2038	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : 104th Street Near Corner Entrance On 105th Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,000	2038	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Mini Courtyard								
Activity Yard								
Cast in Place Concrete	50%			2038	* *			
Pavers/Stone	40%			2036	* *			
Rubber Matting	10%			2033	$26,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2033	$31,700	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2033	$13,600	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$195,100	5	$2,100	
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	90%			2032	$161,700	5	$1,800	
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2028	$1,046,500	10	$64,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2043	* *	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : T-8 Lamps								
LED	8%			2028	$172,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Gymnasium And Lobby								
Explanation : Recent Installation								
Egress Lighting								
Emergency, Battery	50%			2028	$65,500	10	$9,400	
Exit, Service	50%			2028	$16,800	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2028	$72,800	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$146,400	1	$29,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm, Monitor Sensor And Security Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$201,200	1-3	$49,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2053	* *	1		
Natural Gas	95%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$77,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$62,500	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Piping At Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	0-2	$14,700	2033	$293,600	1	$8,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria Blower Defective Coil								
Convector/Radiator	70%			2038	* *	1	$17,600	
Fan Coil Unit/Heat	10%			2038	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Gymnasium And Auditorium								
Explanation : Gymnasium And Auditorium Electric								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	50%	Now	$14,800	2028	$147,700	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms. Four Units Are Not Working								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,900	
Exhaust Fans								
Interior	80%	0-2	$27,700	2033	$276,800	2	$1,500	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Covers For The Exhaust Fans Of Room E8 And E11 Are Not Working.								
Roof	20%			2033	$30,300	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 146 - BX**		
Address	: **968 CAULDWELL AVENUE @ E.163 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X146**
Program / Asset #	: **BOE0283.000 / 381**	**Yr Built/Renovated**	: **1958 / 2000**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2632** **Lot** : **27**	**BIN**	: **2004498**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$663,400	
Interior Architecture	$16,117,600	$295,600
Electrical	$273,000	$696,600
Mechanical	$542,100	$1,564,500
Total	**$17,596,100**	**$2,556,700**
Importance Code A	$663,400	$714,700
Importance Code B	$16,871,400	$1,842,000
Importance Code C	$61,400	
Total	**$17,596,100**	**$2,556,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$64,900			
Interior Architecture	$91,900	$600	$31,200	$12,600
Electrical	$1,800	$2,500	$107,100	$1,600
Mechanical	$47,500	$20,500	$46,500	$25,800
Site Pavements	$10,100			
Total	**$216,200**	**$23,600**	**$184,700**	**$40,100**
Importance Code A	$73,000	$8,100	$8,300	$8,100
Importance Code B	$135,300	$15,500	$176,400	$31,900
Importance Code C	$7,900			
Total	**$216,200**	**$23,600**	**$184,700**	**$40,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$12,700	
Masonry: Brick Cavity	55%	Now	$130,100	LIFE	* *	5	$29,900	
Caulking Deteriorated, Extent : Severe, Area Affected : 15%								
Location : Horizontal Expansion Joints								
Metal/Glass Curt Wall	40%	Now	$366,100	LIFE	* *	5	$40,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Vertical Mullions								
Windows								
Aluminum	100%	Now	$40,000	2047	* *	5	$18,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Room 3210								
Parapets								
Masonry: Brick Cavity	85%	Now	$18,900	LIFE	* *	5	$9,400	1
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Interior Side Of Parapet								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : South Facade Above Playground								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Interior Side Of Parapet								
Metal Rail	5%			2044	* *	5-10	$10,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,900	
Roof								
Built-Up (BUR)	85%	Now	$123,600	2036	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 15%								
Location : South Wall								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Room 302, Room 138, Exit 6 Vestibule, Kindergarten Play Yard								
Built-Up (BUR)	10%	4+	$43,600	2036	* *			
Water Penetration, Extent : Light, Area Affected : 25%								
Location : Above Auditorium Stage								
Copper/Terne	5%			2059	* *	10	$15,600	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,100	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Soffit Area								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$10,700	LIFE	* *	5	$13,800	
Drains Clogged, Extent : Severe, Area Affected : 5%								
Location : Boiler Pit. Ground Water Infiltrating Through Drain								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	4%			2034	* *	5	$5,100	
Ceramic Tile	1%			2040	* *	5	$1,300	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	10%			2036	* *	3	$6,300	
Vinyl Tile 9" X 9"	70%	Now	$312,200	2026	$15,609,500	3	$33,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Cafeteria, 1st Floor Corridors								
Wood	5%			2046	* *	5	$11,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	2%			LIFE	* *			
Plaster	60%	Now	$61,400	LIFE	* *	5	$37,800	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 102, 202, 302								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	2%	Now	$24,400	2051	* *	5	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Corridors								
Vandalism, Extent : Severe, Area Affected : 10%								
Location : Corridors								
AcousTileConcealSpLn	20%			2036	* *	5	$31,600	
AcousTileSusp.Lay-In	15%			2036	* *	5	$19,000	
Exposed Struc: Concrete	10%	4+	$37,900	LIFE	* *	5	$2,000	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	15%	0-2	$14,800	2031	$295,600			
Staining/Discoloring, Extent : Severe, Area Affected : 30%								
Location : Gymnasium And Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Cafeteria								
Plaster	35%	Now	$134,500	LIFE	* *	5	$27,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 102, 202, 302								

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DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	20%			2051	* *			
Chain Link	30%			2041	* *			
Iron Picket	50%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2044	* *			
Masonry: Granite	5%	4+	$7,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Parking/Driveway								
Asphalt	100%			2040	* *			
Activity Yard								
Asphalt	95%	4+	$2,100	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	70%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	50%			2051	* *	5	$200	
Molded Case Bkrs	50%			2031	$113,800	5	$1,100	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	80%			2030	$191,600	5	$1,700	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$58,300	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$83,600	5	$400	
Locally Mounted	30%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	5%			2036	* *	10	$3,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Room Basement								
Fluorescent	90%			2039	* *	10	$67,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$68,800	10	$9,900	
Exit, Service	50%			2026	$17,700	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$30,800	1	$6,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$42,300	1-3	$10,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$25,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2029	$714,700	1	$81,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Fuel Powered Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2041	* *			
No Component	20%							
Terminal Devices								
Air Handler	10%	0-2	$92,600	2041	* *	1	$4,600	
Noisy/Vibrating, Extent : Light, Area Affected : 10%								
Location : Basement Fan Room Defective Bearings, Cafeteria Blower								
Air Handler	20%			2026	$308,600	1	$10,100	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Convector/Radiator	50%			2029	$335,300	1	$13,200	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2053	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	60%			2036	* *	1	$22,800	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller, On Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Air Cooled Chiller With 2 Scroll Compressors								
No Component	40%							
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2051	* *	4	$2,400	
No Component	40%							
Terminal Devices								
Fan Coil - 4 Pipe	60%	Now	$22,500	2036	* *	1	$14,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : Fan Coil Units Providing Hot And Cold Air								
No Component	40%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	
Exhaust Fans								
Interior	30%			2026	$109,100	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room								
Other Observation, Extent : Moderate, Area Affected : 65%								
Location : Basement Fan Room								
Explanation : Three Units Ventilator								
Interior	10%	0-2	$3,600	2031	$36,400	2	$200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room For Auditorium								
Roof	20%			2026	$31,800	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Roof	40%			2036	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2029	$17,100	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2031	$396,500	4	$8,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	0-2	$1,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Explanation : Water Infltration Into Gymnasium During Heavy Rainfall								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Backflow Preventer								
No Component	95%							
Generic	5%			2036	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : For Air Conditioning System Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement And Supply Room								
Explanation : Partial Sprinklers								
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 146 - M**		
Address	: **421 EAST 106 STREET BTWN: 1 AVE., FDR DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M146**
Program / Asset #	: **BOE0089.000 / 1706**	**Yr Built/Renovated**	: **1965 / 2013**
Area Sq Ft	: **98,703**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1700** **Lot** : **1**	**BIN**	: **1052999**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$350,300	$625,100
Interior Architecture	$17,085,200	
Electrical	$690,500	$647,200
Mechanical	$774,000	$640,500
Total	**$18,900,100**	**$1,912,800**
Importance Code A	$350,300	$625,100
Importance Code B	$18,479,000	$1,287,700
Importance Code C	$70,700	
Total	**$18,900,100**	**$1,912,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$96,400			
Interior Architecture	$32,800	$19,400	$2,800	
Electrical	$6,000	$19,700	$6,000	$6,400
Mechanical	$86,700	$18,000	$21,400	$15,200
Site Enclosure	$8,100			
Site Pavements	$20,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$254,600**	**$61,000**	**$34,200**	**$25,600**
Importance Code A	$139,400	$10,000	$9,800	$9,800
Importance Code B	$105,200	$51,100	$24,400	$15,800
Importance Code C	$9,900			
Total	**$254,600**	**$61,000**	**$34,200**	**$25,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	$63,200	LIFE	* *	5	$105,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick Cavity	78%	Now	$143,500	LIFE	* *	5	$82,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Penthouse								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Above 2nd Floor Roof								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	2%			LIFE	* *	5	$6,900	
Windows								
Aluminum	100%	Now	$18,100	2046	* *	5	$9,500	
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair C Between 2nd And 3rd Floors								
Parapets								
Metal Rail	98%			2035	* *	5-10	$236,600	
Metal Security Bars	2%			2058	* *			
Roof								
IRMA/Protected Membrane	75%	Now	$43,900	2035	* *			
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Gymnasium								
Metal Panel	5%			2043	* *	10	$11,300	
Paver: Asphalt	20%	Now	$34,400	2033	$344,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Roof								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Roof								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Roof								
Vegetation Growth, Extent : Severe, Area Affected : 20%								
Location : At Roof Drains And Pavers								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$2,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,300	
Ceramic Tile	2%	0-2	$8,300	2039	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Terrazzo	3%			LIFE	* *	5	$3,500	
Vinyl Tile	15%			2035	* *	3	$8,300	
Vinyl Tile 9" X 9"	65%			2025	$16,948,100	3	$36,000	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Stair D Between 1st And 2nd Floors								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Exits And Auditorium								
Wood	5%	0-2	$8,800	2045	* *	5	$6,900	
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Gymnasium Near Water Fountain								
Interior Walls								
Ceramic Tile	3%	Now	$4,300	2039	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Concrete Masonry Unit	20%			LIFE	* *	5	$10,500	
Masonry: Brick	2%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$17,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	Now	$70,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stair D								
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$7,400	
AcousTileSusp.Lay-In	5%			2035	* *	5	$7,400	
Exposed Struc: Concrete	15%	Now	$66,400	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Above Oil Tank Room								
Exposed Struc: Steel	3%			LIFE	* *			
Gypsum Board	22%	0-2	$11,400	LIFE	* *	5	$40,600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Metal Panel	20%			LIFE	* *	5	$36,900	
Plaster	30%			LIFE	* *	5	$27,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Masonry: Brick	100%	0-2	$8,100	2050	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 106th Street Playground								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$14,900	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$5,600	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : East Side Walk								
Activity Yard								
Asphalt	50%			2033	$31,500			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 106th Street								
Rubber Matting	50%			2030	$37,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch, One 400 Ampere Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	40%	0-2	$95,800	2055	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Explanation : Nuisance Tripping Of Breakers In Overloaded Panelboard Lp-lr/br And Lp-1b								
Molded Case Bkrs	10%			2046	* *	5	$300	
Molded Case Bkrs	40%			2052	* *	5	$1,000	
Wiring								
Braided Cloth	90%	2-4	$262,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$95,500	5	$500	
Locally Mounted	20%			2050	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Crawl Space								
Explanation : Pipe Clamps Only								
Lighting								
Interior Lighting								
Fluorescent	90%			2040	* *	10	$81,500	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 90%								
Location : Throughout The Building								
Fluorescent	6%			2040	* *	10	$5,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 6%								
Location : Electrical Room Stage And Fan Room								
LED	4%			2040	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 30%								
Location : Auditorium And Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$11,900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%	Now	$230,300	2038	* *			
Damaged Fixtures, Extent : Moderate, Area Affected : 33%								
Location : Parapet Lighting North Wall North Entrance Canopy								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Parapet Lighting Fixtures And Wall Mounted Lighting Fixtures								
Outdr Lights On During Daytime, Extent : Light, Area Affected : 2%								
Location : Main Entrance Wall And Soffit Of Auditorium Exit.								
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Chimney Mounted Air Terminals And Downlead Conductors								
Alarm								
Security System								
Generic	30%			2030	$55,600	1	$11,100	
Generic	70%			2035	* *	1	$25,800	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$101,800	1-3	$24,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$43,000	2043	* *	1	$88,000	
Broken, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump Needs To Be Replaced In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$158,100	2040	* *			
Corroded, Extent : Severe, Area Affected : 30%								
Location : Risers In Stairs C And D And Basement Crawl Space								
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Crawl Space Basement Area								
Terminal Devices								
Air Handler	15%	Now	$5,600	2030	$278,600	1	$8,200	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Unit Thermostat Controls								
Convector/Radiator	75%	Now	$12,100	2035	* *	1	$21,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : No Heat At Stair C								
Fan Coil Unit/Heat	10%			2030	$244,700	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2030	$117,200			
Window/Wall Unit	50%			2025	$187,000	1		
No Component	45%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,000	
Exhaust Fans								
Interior	98%			2025	$429,000	2	$3,000	
Roof	2%			2025	$3,800	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$25,400	2040	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main								
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Water Fountains On All Floors								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Crawl Space								
Explanation : Valves Are Not Working Need To Be Replaced								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor And Boiler Room								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Storage Rooms								
Explanation : Partial System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 146 - Q**		
Address	: **98-01 159 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q146**
Program / Asset #	: **BOE0793.000 / 1547**	**Yr Built/Renovated**	: **1936 / 2004**
Area Sq Ft	: **80,900**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **14168** **Lot** : **16**	**BIN**	: **4295163**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$351,300	$188,700
Interior Architecture	$668,100	$50,900
Electrical		$979,000
Mechanical		$4,694,100
Total	**$1,019,400**	**$5,912,700**
Importance Code A	$351,300	$294,000
Importance Code B	$518,400	$5,618,700
Importance Code C	$149,800	
Total	**$1,019,400**	**$5,912,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$53,900		$23,400	
Interior Architecture	$127,900		$8,800	$9,900
Electrical	$37,500	$13,200	$13,400	$15,300
Mechanical	$46,100	$29,000	$21,300	$26,600
Site Enclosure	$27,700			
Site Pavements	$4,600			
Total	**$297,700**	**$42,100**	**$67,000**	**$51,800**
Importance Code A	$60,700	$7,200	$30,200	$7,200
Importance Code B	$188,400	$35,000	$36,700	$39,800
Importance Code C	$48,600			$4,800
Total	**$297,700**	**$42,100**	**$67,000**	**$51,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$63,200	
Masonry: Brick	85%	Now	$188,700	LIFE	* *	5	$114,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Main Office, Room 116 And 214								
Masonry: Granite	5%			LIFE	* *	5	$10,100	
Masonry: Limestone	7%			LIFE	* *	5	$14,200	
Windows								
Aluminum	95%	Now	$86,600	2049	* *	5	$18,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Along 99th Street								
Metal Louvers	5%			2042	* *	10	$12,000	
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$89,100	
Masonry: Limestone	5%			LIFE	* *	5-10	$11,400	
Metal Rail	2%			2046	* *	5-10	$6,700	
Metal: Cage/Fence	23%			2046	* *	5-10	$33,200	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$74,200	
Copper/Terne	5%			2061	* *	10	$9,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,400	
Ceramic Tile	5%			2042	* *	5	$5,900	
Vinyl Tile	60%			2038	* *	3	$26,400	
Vinyl Tile 9" X 9"	15%	0-2	$233,200	2043	* *	3	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Classrooms								
Wood	10%	0-2	$35,000	2048	* *	5	$11,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$9,500	
Concrete Masonry Unit	5%	Now	$89,500	LIFE	* *	5	$3,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	10	$2,900	
Marble Panels	5%			LIFE	* *	10	$3,800	
Plaster	65%	Now	$60,200	LIFE	* *	5	$37,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 116, 214 And 316								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$14,300	

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$219,000	2046	* *	5	$17,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Corridors								
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$27,200	
Exposed Struc: Steel	2%			LIFE	* *	10	$4,400	
Fiber Board	3%			2033	$50,900			
Metal Panel	10%	4+	$18,000	LIFE	* *	5	$13,600	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plaster	40%	0-2	$66,200	LIFE	* *	5	$27,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	60%	Now	$21,500	2053	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : 98th Street Gate								
Iron Picket	40%	4+	$6,200	2068	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 99th Street Playground Gate								
Free Standing Walls								
Cast in Place Concrete	60%			2068	* *			
Masonry: Brick	40%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	98%			2046	* *			
Pavers/Stone	2%			2042	* *			
Activity Yard								
Rubber Matting	15%			2038	* *			
Traffic Topping	85%	0-2	$4,600	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$113,800	5	$200	
Fused Disc Sw	50%			2053	* *	5	$200	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Knife Sw	5%	2-4	$12,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	35%			2049	* *	5	$700	
Molded Case Bkrs	50%			2032	$119,700	5	$1,100	
Wiring								
Thermoplastic	70%			2033	$204,200	1		
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$400	
Locally Mounted	20%			2031	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$24,900	
Generators								
Natural Gas	100%			2046	* *	1	$31,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 150 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$71,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	2%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2028	$54,300	10	$7,800	
Emergency, Battery	10%			2038	* *	10	$2,000	
Exit, Service	50%			2028	$17,400	1		
Exterior Lighting								
HID	30%			2038	* *	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$30,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Front And Rear Of The Building								
Explanation : Intrusion Alarm System And CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$208,700	1-3	$51,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2043	* *	1		
Interruptible Gas/Dual Fuel	95%			2053	* *	1		
Conversion Equipment								
Heat Exchanger, Shell & Tube	10%	Now	$700	2036	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Pipe Connection Of 1 Unit								
Radiant Heater	5%			2033	$105,300	2	$1,900	
Steam Boiler	85%			2038	* *	1	$68,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	0-2	$3,200	2033	$32,400			
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Pumps Of Return Tanks, Basement								
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Building Management System, Throughout								
Steam Piping/Pump	90%			2033	$583,100			
No Component	5%							

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DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2038	* *	1	$5,000	
Convector/Radiator	20%			2038	* *	1	$5,200	
Fan Coil Unit/Heat	70%			2033	$1,404,100	1	$18,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2038	* *	1	$30,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : 2 Units. Basement Air Conditioning Room								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2043	* *	4	$3,200	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2038	* *	1	$5,000	
Fan Coil - 4 Pipe	70%			2033	$1,723,200	1	$18,300	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	80%			2033	$149,900	2	$45,100	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,400	
Exhaust Fans								
Interior	85%			2033	$305,000	2	$2,100	
Roof	15%			2033	$23,500	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$391,200	4	$12,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$2,500	4	$2,600	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$33,600	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 147 - BK**		
Address	: **325 BUSHWICK AVENUE BTWN: MC KIBBEN ST. - SEIGEL ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K147**
Program / Asset #	: **BOE0448.000 / 1348**	**Yr Built/Renovated**	: **1906 / 1996**
Area Sq Ft	: **142,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3091** **Lot** : **1**	**BIN**	: **3071418**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$624,500	$80,300
Interior Architecture	$1,038,800	$7,619,200
Electrical	$224,300	$1,483,300
Mechanical	$602,900	$1,524,600
Total	**$2,490,500**	**$10,707,400**
Importance Code A	$624,500	$131,700
Importance Code B	$1,164,300	$10,488,200
Importance Code C	$701,600	$87,500
Total	**$2,490,500**	**$10,707,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,900		$1,200	
Interior Architecture	$197,500			$91,900
Electrical	$19,000	$15,100	$32,500	$15,900
Mechanical	$47,400	$19,000	$23,700	$21,800
Site Pavements	$11,000			
Total	**$301,800**	**$34,100**	**$57,300**	**$129,600**
Importance Code A	$54,200	$14,100	$15,300	$14,100
Importance Code B	$217,500	$20,000	$42,100	$115,500
Importance Code C	$30,100			
Total	**$301,800**	**$34,100**	**$57,300**	**$129,600**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$80,300	
Sidewalk Shed in Use, Extent : Light, Area Affected : 75%								
Location : North, West And South Sides								
Masonry: Limestone	18%			LIFE	* *	5	$13,600	
Stucco Cement	2%	2-4	$2,300	2044	* *	5	$2,500	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Stair Bulkhead								
Windows								
Aluminum	100%	Now	$260,000	2047	* *	5	$9,100	
Air Infiltration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 20%								
Location : Classrooms Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$11,800	
Metal Panel	5%			2051	* *	5	$2,400	
Roof								
Asphalt Shingle	20%	Now	$8,000	2034	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof Above Auditorium.								
Built-Up (BUR)	45%	Now	$234,300	2036	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Rooms 452, 453, 455, Library								
Built-Up (BUR)	15%	Now	$130,200	2041	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Lower Roof Over Auditorium								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium								
Cast in Place Concrete	20%	Now	$16,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Boiler Room								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	10%	Now	$15,600	2036	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Cafeteria								
Uneven Surface, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Carpet	2%			2027	$74,300	3	$8,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Library								
Cast in Place Concrete	5%	Now	$17,900	LIFE	* *	5	$23,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Ceramic Tile	5%	Now	$29,600	2040	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Mosaic Tile	2%	0-2	$19,700	2036	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Lobby								
Terrazzo	2%	2-4	$7,900	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Main Lobby								
Vinyl Tile	39%	Now	$45,300	2036	* *	3	$30,700	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Vinyl Tile 9" X 9"	20%	Now	$148,300	2031	$7,413,600	3	$15,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Classrooms And Corridors Throughout								
Wood	15%			2059	* *	5	$59,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$30,100	2034	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Kitchen, Drinking Fountains And Toilets Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Kitchen, Drinking Fountains And Toilets Throughout								
Masonry: Brick	10%	Now	$347,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 35%								
Location : North And West Side Of Basement, By Storm Drain								
Spalling, Extent : Severe, Area Affected : 25%								
Location : North And West Side Of Basement, By Storm Drain								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : North And West Side Of Basement, By Storm Drain								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : North And West Side Of Basement, By Storm Drain								
Metal Panel	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	80%	Now	$354,600	LIFE	* *	5	$87,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Perimeter Classrooms And Staircase Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Classrooms And Staircase Throughout								
Ceilings								
Exposed Struc: Steel	5%			LIFE	* *			
Masonry: Vault Struct	5%	Now	$73,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Under Sidewalk								
Plaster	90%	Now	$115,000	LIFE	* *	5	$118,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Perimeter Classrooms And Staircase Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Classrooms And Staircase Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2051	* *			
Iron Picket	95%			2051	* *			
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North West Corner At Storm Drain And Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	85%			2036	* *			
Masonry: Granite	15%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	4+	$2,600	2031	$51,400	5	$300	
Enclosure Corroded, Extent : Moderate, Area Affected : 5%								
Location : Electrical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$600	
Raceway								
Conduit	100%			2031	$288,800	1		
Panelboards								
Fused Disc Sw	9%			2030	$26,900	5	$300	
Fused Toggle Switch	1%			2030	$3,000	5		
Molded Case Bkrs	90%			2030	$269,400	5	$3,400	
Wiring								
Braided Cloth	30%			2030	$119,900	1		
Thermoplastic	70%			2031	$279,700	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$127,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2036	* *	10	$1,300	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Third Floor Library								
LED	1%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2031	$8,700	1		
Emergency, Battery	40%			2026	$95,300	10	$13,700	
Exit, Battery	50%			2036	* *	10	$4,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	90%			2036	* *	10	$400	
LED	10%			2039	* *			
Alarm								
Security System								
Generic	100%			2036	* *	1	$53,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$90,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$24,800	2036	* *	1	$126,600	
Corroded, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Equalizer Pipe								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Convector/Radiator	85%			2036	* *	1	$39,000	
Unit Heater - Steam	15%	Now	$12,100	2026	$121,000	4	$2,000	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Units Located In Rooms Without Radiators								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Roof								
Explanation : Split Units Replaced Old Units That Are Abandoned On The Roof								
Window/Wall Unit	10%			2026	$53,800	1		
No Component	80%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$31,700	
No Component	60%							
Exhaust Fans								
Roof	40%	2-4	$55,100	2036	* *	2	$1,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	80%	Now	$72,500	2029	$1,450,300	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : All 4th Floor Teacher Bathrooms								
Explanation : Piping Is Undersized								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$300,500	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	Now	$5,700	2031	$28,400	4	$3,000	
Broken, Extent : Severe, Area Affected : 20%								
Location : 1 Of 3 Units								
Sewage Ejector(s)								
Electric	100%			2031	$74,400	4	$5,700	
Backflow Preventer								
Generic	100%			2039	* *	1	$8,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2041	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 147 - Q**		
Address	: **218-01 116 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q147**
Program / Asset #	: **BOE0794.000 / 1548**	**Yr Built/Renovated**	: **1930 / 1996**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11300** **Lot** : **1**	**BIN**	: **4243743**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,093,800	$128,000
Interior Architecture	$392,100	$1,842,100
Electrical	$346,100	$802,800
Mechanical		$3,952,400
Site Enclosure	$50,300	
Total	**$1,882,200**	**$6,725,300**
Importance Code A	$1,093,800	$128,000
Importance Code B	$732,900	$6,597,300
Importance Code C	$55,600	
Total	**$1,882,200**	**$6,725,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$53,500			
Interior Architecture	$91,900		$4,800	$11,000
Electrical	$8,800	$7,500	$7,800	$9,900
Mechanical	$38,200	$14,200	$18,400	$11,800
Site Enclosure	$7,200			
Site Pavements	$600			
Total	**$200,200**	**$21,700**	**$30,900**	**$32,700**
Importance Code A	$61,400	$7,900	$7,900	$7,900
Importance Code B	$82,500	$13,800	$18,300	$24,800
Importance Code C	$56,300		$4,800	
Total	**$200,200**	**$21,700**	**$30,900**	**$32,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$527,100	LIFE	* *	5	$128,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Stair Bulkhead								
Masonry: Limestone	5%	Now	$106,100	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Window Sills, Corners								
Windows								
Aluminum	98%	Now	$357,300	2049	* *	5	$18,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Light, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal Louvers	2%			2042	* *	10	$4,800	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$121,000	
Masonry: Limestone	5%			LIFE	* *	5-10	$11,400	
Roof								
Built-Up (BUR)	95%	Now	$43,300	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classrooms								
Copper/Terne	5%			2048	* *	10	$9,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,700	
Ceramic Tile	5%			2042	* *	5	$5,900	
Terrazzo	5%			LIFE	* *	5	$9,200	
Traffic Topping	5%	Now	$280,200	2043	* *	5	$3,700	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 75%								
Location : Stairs								
Vinyl Tile	55%			2033	$1,784,300	3	$32,300	
Wood	25%			2048	* *	5	$55,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$23,800	
Ceramic Tile	5%			2036	* *	5	$9,500	
Masonry: Brick	10%			LIFE	* *	10	$5,700	
Plaster	60%	Now	$55,600	LIFE	* *	5	$34,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Stair Bulkheads								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$19,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$20,400	
Plaster	85%	Now	$56,300	LIFE	* *	5	$57,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	20%	Now	$7,200	2053	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : 218th Street Gate								
Iron Picket	80%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$50,300	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Areaway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Masonry: Granite	10%	0-2	$600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Entry Steps								
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	75%			2033	$146,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Fused Disc Sw	25%			2059	* *	5	$100	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2043	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	80%			2032	$143,700	5	$1,700	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$66,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2041	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Gymnasium And Auditorium								
Explanation : LED Light								
Egress Lighting								
Emergency, Service	15%			2028	$7,400	1		
Emergency, Battery	15%			2028	$20,100	10	$2,900	
Emergency, Battery	20%			2038	* *	10	$3,900	
Exit, Battery	30%			2028	$34,000	10	$1,600	
Exit, Battery	20%			2038	* *	10	$1,100	
Exterior Lighting								
HID	30%			2028	$112,000	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Perimeter Of The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2033	$75,100	1	$14,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Door Lock Alarm								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$206,400	2043	* *	1-3	$44,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$79,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2033	$640,600			
Terminal Devices								
Air Handler	30%			2028	$451,600	1	$14,800	
Convector/Radiator	60%			2031	$392,500	1	$15,500	
Fan Coil Unit/Heat	10%			2028	$198,300	1	$2,600	
Controls								
Pneumatic	100%			2031	$1,546,100			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2031	$181,800	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,600	
Exhaust Fans								
Interior	95%			2028	$337,100	2	$2,300	
Roof	5%			2041	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$204,300	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$4,800	
Backflow Preventer								
Generic	100%			2033	$35,700	1	$4,900	
Fixtures								
Generic	100%							
	Obsolete Fixtures, Extent : Moderate, Area Affected : 20%							
	Location : The Valves, Various Locations							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2028	$15,400	1		
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$22,100	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 147 - Q MINISCHOOL**				
Address	: **218-01 116 AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q851**
Program / Asset #	: **BOE0794.010 / 2762**			**Yr Built/Renovated**	: **1972 / 1999**
Area Sq Ft	: **9,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **29-Apr-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **11300**	**Lot**	: **1**	**BIN**	: **4243743**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$366,200
Electrical		$65,000
Mechanical	$146,600	$50,000
Total	**$146,600**	**$481,200**
Importance Code B	$146,600	$481,200
Total	**$146,600**	**$481,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,900			
Interior Architecture	$26,100			$1,700
Electrical	$23,700	$800	$800	$1,100
Mechanical	$19,300	$400	$1,300	$400
Total	**$115,100**	**$1,300**	**$2,100**	**$3,200**
Importance Code A	$46,400	$400	$400	$400
Importance Code B	$59,100	$800	$1,700	$2,800
Importance Code C	$9,600			
Total	**$115,100**	**$1,300**	**$2,100**	**$3,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q MINISCHOOL

Asset # : 2762

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$4,800	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Building Base Corners								
Metal Panel	90%	0-2	$19,100	2043	* *	5	$27,000	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$1,700	2041	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Roof								
Metal Panel	100%	0-2	$20,400	2046	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Soffits								
Metal Panel	100%			2043	* *	5-10		
Interior								
Floors								
Mosaic Tile	3%	Now	$3,800	2038	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Entrance								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entrance								
Vinyl Tile	97%			2033	$366,200	3	$6,600	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$9,000	
Metal Panel	50%			LIFE	* *	10	$5,100	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$11,000	2046	* *	5	$6,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
On-Site Walkways								
Asphalt	85%			2042	* *			
Cast in Place Concrete	15%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 147 - Q MINISCHOOL
Asset # : 2762

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$65,000	5		
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Fused Disc Sw	10%			2032	$3,000	5		
Molded Case Bkrs	90%			2032	$26,900	5	$200	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$8,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	10%			2028	$600	1		
Emergency, Battery	40%			2038	* *	10	$900	
Exit, Battery	50%			2038	* *	10	$300	
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Perimeter Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$23,200	2043	* *	1-3	$5,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 147 - Q MINISCHOOL
Asset # : 2762

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2028	$28,000	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Controls								
Electrical	100%	0-2	$10,000	2028	$50,000			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2027	$146,600	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In The Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,900	
Exhaust Fans								
Interior	100%			2028	$39,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$5,800	2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Heater Room								
Explanation : One 65 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 148 - BK**		
Address	: **185 ELLERY ST. (NEAR THROOP AVE.)**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K148**
Program / Asset #	: **BOE0972.000 / 2888**	**Yr Built/Renovated**	: **1907 / 2000**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1726** **Lot** : **14**	**BIN**	: **3048352**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$231,700	$178,000
Interior Architecture	$454,600	$123,900
Electrical	$282,600	$344,700
Mechanical	$326,000	$2,424,300
Total	**$1,294,900**	**$3,070,900**
Importance Code A	$231,700	$178,000
Importance Code B	$899,100	$2,835,200
Importance Code C	$164,200	$57,700
Total	**$1,294,900**	**$3,070,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$101,500	$30,200		$12,300
Electrical	$46,500	$2,600	$3,300	$28,500
Mechanical	$58,300	$13,400	$16,900	$12,400
Site Enclosure	$2,500			
Site Pavements	$9,000			
Total	**$217,700**	**$46,300**	**$20,200**	**$53,200**
Importance Code A	$15,700	$8,900	$8,900	$9,100
Importance Code B	$190,500	$37,400	$11,200	$44,100
Importance Code C	$11,500			
Total	**$217,700**	**$46,300**	**$20,200**	**$53,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$51,500	
Masonry: Brick	80%			LIFE	* *	5	$75,300	
Masonry: Granite	3%			LIFE	* *	5	$2,100	
Masonry: Limestone	10%			LIFE	* *	5	$7,100	
Windows								
Aluminum	100%	Now	$140,200	2048	* *	5	$14,700	
Air Infiltration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	50%			LIFE	* *	5	$51,200	
Masonry: Brick	50%			LIFE	* *	5	$6,600	
Roof								
Modified Bitumen	100%			2037	* *	10	$91,500	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$25,700	LIFE	* *	5	$33,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	5%	Now	$42,600	2035	* *	5	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Toilets, Kitchen And Main Lobby								
Terrazzo	10%	0-2	$28,300	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Lobby								
Vinyl Tile	65%	Now	$54,300	2037	* *	3	$36,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Multipurpose Room								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Multipurpose Room								
Wood	10%			2060	* *	5	$28,400	
Interior Walls								
Ceramic Tile	10%	Now	$70,600	2041	* *	5	$12,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets, Kitchen And Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets, Kitchen And Stairs								
Gypsum Board	10%			LIFE	* *	5	$15,400	
Masonry: Brick	5%			LIFE	* *			
Plaster	75%	Now	$93,600	LIFE	* *	5	$57,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms At Roof Drains								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	0-2	$4,900	2045	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 4th Floor Gymnasium And Throughout								
AcousTileConcealSpLn	5%			2045	* *	5	$9,500	
AcousTileSusp.Lay-In	15%			2045	* *	5	$22,700	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 4th Floor Library								
Metal Panel	5%	Now	$75,100	LIFE	* *	5	$9,500	
Bent/Warped Elements, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Deformed/Dented, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Plaster	70%	0-2	$161,000	LIFE	* *	5	$66,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 4th Floor Classrooms At Roof Drains								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$2,500	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Cast Stone Base, North Side								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Masonry: Granite	10%	Now	$9,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : South Side Stairs								
Activity Yard								
Rubber Matting	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Suspect Water Damage, Extent : Light, Area Affected : 10%								
Location : Basement Electric Service Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4- Vertical Sections								
Raceway								
Conduit	30%			2052	* *	1		
Conduit	70%			2032	$141,200	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	65%			2031	$155,700	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Second Floor								
Explanation : Branch Circuits Overloaded In Lighting Panels Lp2-1 And Lp2-2 And Cause Nuisance Tripping								
Molded Case Bkrs	30%			2048	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$204,200	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	40%			2030	$47,800	5	$200	
Locally Mounted	20%	2-4	$14,300	2052	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	40%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,300	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Marginal Electrical Contact With Water Main Due To Corrosion At Main Clamp.								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$74,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2037	* *	10	$4,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, First Floor Multipurpose Room								
Fluorescent	3%	Now	$8,100	2042	* *			
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Room 220								
Incandescent	1%			2027	$24,900	2		
LED	1%			2040	* *			
Egress Lighting								
Emergency, Battery	50%	Now	$1,500	2037	* *			
Damaged Fixtures, Extent : Severe, Area Affected : 2%								
Location : Gymnasium On Fourth Floor								
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%	Now	$4,200	2037	* *			
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 100%								
Location : Basement Electrical Room								
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$10,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$7,000	2040	* *	1-3	$15,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Trouble Signal Visible On Fire Alarm Control Panel. Installed System Includes Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$15,700	2037	* *	1	$80,200	
Broken, Extent : Severe, Area Affected : 2%								
Location : Boiler Room Feedwater Pump For Boiler 2								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers, Boiler 1 Currently Being Retubed								
Distribution								
Steam Piping/Pump	100%	0-2	$14,400	2032	$720,700			
Corroded, Extent : Severe, Area Affected : 4%								
Location : Vacuum Condensate Pump And Associated Piping								
Terminal Devices								
Air Handler	10%			2037	* *	1	$5,600	
Convector/Radiator	90%			2030	$662,400	1	$26,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Auditorium And Main Distribution Frame (MDF) Room								
Explanation : 6 Units R-410a, Condenser Under The Sidewalk. 1 Unit For Main Distribution Frame (MDF) Room With Condenser On The Roof								
Window/Wall Unit	70%			2027	$238,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	65%			LIFE	* *	2-5	$32,600	
No Component	35%							
Exhaust Fans								
Interior	15%			2032	$59,900	2	$400	
Roof	50%			2027	$87,300	2	$1,400	
No Component	35%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2042	* *	1		
Galvanized Steel	80%	Now	$18,400	2030	$919,200	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Main Water Line In Basement								
Water Heater With Tanks								
Electric	30%			2030	$7,100	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Serves Kitchen Only								
Gas Fired	70%			2030	$12,000	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$6,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Roof Drain								
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$62,200	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 148 - Q**		
Address	: **89-02 32 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q148**
Program / Asset #	: **BOE0795.000 / 1549**	**Yr Built/Renovated**	: **1929 / 2007**
Area Sq Ft	: **92,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1419** **Lot** : **1**	**BIN**	: **4034841**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$896,100	$564,700
Interior Architecture	$8,447,100	$65,200
Electrical	$363,500	$1,957,600
Mechanical	$1,198,800	$1,344,200
Site Pavements	$66,700	
Total	**$10,972,200**	**$3,931,800**
Importance Code A	$896,100	$622,000
Importance Code B	$9,803,400	$3,309,800
Importance Code C	$272,700	
Total	**$10,972,200**	**$3,931,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,700		$10,900	
Interior Architecture	$158,100	$1,200		$8,500
Electrical	$3,700	$3,400	$2,900	$3,100
Mechanical	$39,000	$12,500	$22,700	$12,900
Site Enclosure	$15,100			
Site Pavements	$24,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$266,900**	**$21,100**	**$40,500**	**$28,400**
Importance Code A	$31,100	$8,200	$19,300	$8,200
Importance Code B	$137,500	$12,400	$21,200	$20,200
Importance Code C	$98,400	$500		
Total	**$266,900**	**$21,100**	**$40,500**	**$28,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$284,100	LIFE	* *	5	$23,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 1997 Building								
Explanation : Building Is Sinking								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$59,400	
Concrete Masonry Unit	2%			LIFE	* *	5	$1,200	
Masonry: Brick	55%	Now	$430,100	LIFE	* *	5	$52,200	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : All Facades								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : 1929 Building								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 1929 Building Chimney								
Masonry: Granite	5%	Now	$112,200	LIFE	* *	5	$3,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Base Perimeter Of 1929 Facades								
Under Construction	25%							
Windows								
Aluminum	100%	Now	$69,800	2047	* *	5	$14,600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 1%								
Location : Three Windows								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : 1997 Building Cafeteria Windows								
Parapets								
Copper/Terne	8%			2051	* *	5	$6,800	
Masonry: Brick	60%			LIFE	* *	5	$10,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,200	
Under Construction	30%							
Roof								
Built-Up (BUR)	65%	Now	$22,700	2031	$453,100			
Split/Cracked, Extent : Severe, Area Affected : 5%								
Location : Perimeter Of 1929 Building								
Copper/Terne	5%			2046	* *	10	$7,500	
Under Construction	30%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	22%	4+	$50,700	LIFE	* *	5	$65,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	1%			2040	* *	5	$1,400	
Mosaic Tile	7%	Now	$534,300	2051	* *	5	$11,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen And Bathrooms Of 1929 Building								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Kitchen And Bathrooms In 1929 Building								
Quarry Tile	3%			2044	* *	5	$6,100	
Sheet Vinyl/Rubber	2%	Now	$88,700	2041	* *	5	$2,000	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Pre-Kindergarten Classroom 201								
Terrazzo	5%	0-2	$12,700	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1929 Building								
Vinyl Tile	20%	Now	$37,500	2036	* *	3	$10,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : At 1997 And 1929 Building Joint								
Vinyl Tile 9" X 9"	30%	Now	$143,600	2026	$7,178,800	3	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : 1929 Building Classrooms And Offices, 205 Pre-Kindergarten								
Wood	10%	Now	$80,900	2034	* *	5	$12,700	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$40,100	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Gas Meter Room, Boiler Tank Room And Ash Hoist Shaft								
Ceramic Tile	1%			2040	* *	5	$1,100	
Ceramic Tile	4%	Now	$139,300	2046	* *	5	$2,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Bathrooms And Kitchen In 1929 Building								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Bathrooms And Kitchen In 1929 Building								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Gypsum Board	15%	Now	$4,400	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : First And Third Floor Of 1997 Building At Joint								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stairwell Of 1997 Building								
Masonry: Brick	5%	Now	$20,100	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Marble Panels	3%	Now	$11,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	52%	Now	$66,700	LIFE	* *	5	$16,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Bathrooms, Stairwells And Bulkhead D Of 1929 Building								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Stairwells And Bulkhead D								
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	4+	$4,400	2044	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Pre-Kindergarten And Kindergarten Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Library								
AcousTileSusp.Lay-In	25%	2-4	$11,300	2044	* *	5	$16,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Third Floor Of 1997 Building								
Exposed Struc: Concrete	15%	Now	$60,900	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Gypsum Board	2%			LIFE	* *	5	$3,400	
Metal Panel	3%	Now	$13,500	LIFE	* *	5	$5,100	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Kitchen In 1929 Building								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Kitchen In 1929 Building								
Plaster	50%	Now	$103,100	LIFE	* *	5	$42,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stairwells, Classrooms 315, 461 And Bulkhead Of 1929 Building								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Stairwells, And Bulkhead								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$10,000	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	80%	Now	$4,200	2081	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Exit 6, 7 And 8								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : 1997 Building								
Explanation : Steps Sinking At Foundation								
Masonry: Fieldstone	20%	Now	$900	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Cheek Walls Of Entry Steps								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,900	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Tree Pit At 90th Street And At Fire Pull Box On 89th Street								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	80%	Now	$66,700	2051	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 50%								
Location : Exits 6, 7 And 8								
Masonry: Granite	20%	Now	$12,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Steps								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Entry Steps								
Parking/Driveway								
Asphalt	100%			2034	* *			
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$31,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Fused Disc Sw	30%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	30%			2041	* *	5	$100	
Fused Knife Sw	70%	0-2	$159,300	2061	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	70%			2031	$141,200	1		
Conduit	30%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	30%			2039	* *	5	$700	
Molded Case Bkrs	60%			2030	$143,700	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%			2036	* *	5	$200	
Locally Mounted	70%			2029	$83,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2031	$1,302,900	10	$80,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$77,200	10	$11,100	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	30%			2031	$128,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium, Basement, Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2051	* *	1		
Interruptible Gas/Dual Fuel	80%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%	0-2	$1,100	2031	$57,200	1	$8,200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Ignition System Of Unit 1 And 3 On Roof.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 7 Rooftop Units								
Steam Boiler	80%			2036	* *	1	$72,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%	0-2	$7,400	2041	* *			
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Supply Line Next To Feed Tank, Valve In Oil Tank Room, Return Line Next To Water Main								
Steam Piping/Pump	60%			2031	$442,000			
No Component	20%							
Terminal Devices								
Air Handler	5%	0-2	$51,900	2041	* *	1	$2,600	
Damaged, Extent : Severe, Area Affected : 80%								
Location : Basement								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement								
Air Handler	15%			2026	$259,700	1	$8,500	
Convector/Radiator	40%			2029	$300,900	1	$11,900	
Fan Coil Unit/Heat	20%			2026	$456,200	1	$5,900	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2031	$309,100	2	$1,100	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : New Wing Roof								
Explanation : 7 Rooftop Units								
Window/Wall Unit	30%	0-2	$5,200	2026	$104,600	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Room 215, 301 And Kitchen								
No Component	50%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$8,100	LIFE	* *	2-5	$5,100	
Unbalanced System, Extent : Moderate, Area Affected : 100%								
Location : New Wing 3rd Floor								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$46,200	
Exhaust Fans								
Interior	80%			2026	$326,400	2	$2,300	
Roof	20%			2031	$35,700	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%	0-2	$4,700	2029	$234,900	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main In Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	20%			LIFE	* *	1		
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	20%			LIFE	* *	1		
Cast Iron	80%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,900	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 30%								
Location : Various Locations In Older Wing								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1, 2r, 2, 3r, And 3 Floors.								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2051	* *	1-5	$9,600	
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$5,200	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
P. S. 148 - Q
Asset # : 1549

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 149 - BK ANNEX**		
Address	: **373 PENNSYLVANIA AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K848**
Program / Asset #	: **BOE1139.000 / 14885**	**Yr Built/Renovated**	:
Area Sq Ft	: **9,001**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3772** **Lot** : **6**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$244,900
Total		**$244,900**
Importance Code A		$93,700
Importance Code B		$151,200
Total		**$244,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,900		$5,200	
Interior Architecture	$36,700		$1,400	$600
Electrical	$1,100	$800	$1,000	$1,000
Mechanical	$8,700	$600	$1,100	$600
Site Enclosure	$1,400			
Site Pavements	$30,700			
Total	**$133,700**	**$1,400**	**$8,700**	**$2,200**
Importance Code A	$58,300	$600	$5,500	$600
Importance Code B	$64,200	$800	$3,300	$1,000
Importance Code C	$11,200			$600
Total	**$133,700**	**$1,400**	**$8,700**	**$2,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - BK ANNEX

Asset # : 14885

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$2,900	
Masonry: Brick	70%			LIFE	* *	5	$16,200	
Stucco Cement	10%			2046	* *	5	$2,900	
Windows								
Aluminum	100%			2049	* *	5	$2,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$10,600	
Concrete Masonry Unit	10%			LIFE	* *	5-10	$4,100	
Masonry: Brick	75%			LIFE	* *	5-10	$38,400	
Metal: Cage/Fence	10%	Now	$400	2046	* *	5	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : North Side								
Roof								
Built-Up (BUR)	50%			2038	* *	10	$13,300	
Modified Bitumen	50%			2041	* *	10	$13,300	
Soffits								
Stucco Cement	100%			2046	* *	5	$7,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,900	
Ceramic Tile	10%	Now	$7,600	2042	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Vinyl Tile	85%			2038	* *	3	$4,300	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,200	
Concrete Masonry Unit	75%			LIFE	* *	5	$14,400	
Plaster	20%			LIFE	* *	5-10	$4,100	
Ceilings								
AcousTile,Adhered	60%	Now	$12,300	2046	* *	5	$3,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Classrooms								
Plaster	40%			LIFE	* *	5-10	$8,700	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK ANNEX
Asset # : 14885

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%	2-4	$1,400	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Street Fence								
Free Standing Walls								
Concrete Masonry Unit	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$17,000	2046	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : West Side At North End								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%	2-4	$13,800	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5		
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5		
Molded Case Bkrs	95%			2041	* *	5		$200
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		$100
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		$300
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK ANNEX
Asset # : 14885

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2041	* *	10	$8,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	$7,600	10	$1,100	
Exit, Service	50%			2033	$1,900	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$16,900	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$23,200	1-3	$5,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2053	* *	1		
Conversion Equipment								
Furnace	60%	0-2	$3,400	2028	$16,800	1	$2,400	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Supporting Metal Structure. Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Rooftop Unit								
Radiant Heater	40%			2033	$93,700	2	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - BK ANNEX

Asset # : 14885

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2028	$143,700	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Package Unit. Roof								
Ext Pkg Unit - Heating/Cooling	5%	0-2	$2,300	2028	$7,600	2		
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : The Intake Damper.								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,900	
Exhaust Fans								
Roof	100%			2028	$17,500	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Janitors Room								
Explanation : One 40 Gallons Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 149 - BK THE DANNY KAYE SCHOOL**				
Address	: **700 SUTTER AVENUE @VERMONT ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K149**
Program / Asset #	: **BOE0449.000 / 1349**			**Yr Built/Renovated**	: **1906 / 2008**
Area Sq Ft	: **93,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jun-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **3774**	**Lot**	: **16**	**BIN**	: **3084348**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,011,300	$1,640,400
Interior Architecture	$4,323,800	$2,315,100
Electrical	$387,700	$420,900
Mechanical	$52,800	$922,600
Total	**$5,775,600**	**$5,299,000**
Importance Code A	$1,011,300	$1,640,400
Importance Code B	$4,646,000	$3,658,600
Importance Code C	$118,300	
Total	**$5,775,600**	**$5,299,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$4,400	
Interior Architecture	$25,600	$3,400	$10,200	$2,500
Electrical	$2,600	$3,400	$2,800	$34,400
Mechanical	$28,500	$12,800	$20,600	$12,800
Site Enclosure	$19,000			
Site Pavements	$50,200			
Total	**$125,800**	**$19,600**	**$38,000**	**$49,700**
Importance Code A	$9,200	$9,200	$13,600	$9,400
Importance Code B	$99,700	$10,400	$24,400	$40,300
Importance Code C	$16,900			
Total	**$125,800**	**$19,600**	**$38,000**	**$49,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%	Now	$566,700	LIFE	* *	5	$111,300	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 15%								
Location : Decorative Horizontal Banding, Window Sills								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Decorative Horizontal Banding								
Copper/Terne	5%			2052	* *	10	$11,100	
Masonry: Brick	75%	Now	$293,200	LIFE	* *	5	$71,200	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : At Newly Patched Areas. All Facades								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : East Courtyard. Upper Walls								
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	70%	4+	$97,700	2031	$976,600	5	$10,200	
Air Infiltration, Extent : Severe, Area Affected : 35%								
Location : Lexan Panes For Sashes Throughout								
Aluminum	30%			2031	$481,300	5	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$40,700	
Masonry: Brick	60%			LIFE	* *	5	$10,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$11,000	
Roof								
Copper/Terne	10%			2060	* *	10	$14,900	
IRMA/Protected Membrane	90%			2037	* *	10	$53,800	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$23,100	LIFE	* *	5	$29,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Sub-basement Corridors								
Uneven Surface, Extent : Moderate, Area Affected : 25%								
Location : Sub-basement Corridors								
Ceramic Tile	5%			2035	* *	5	$6,800	
Vinyl Tile	60%			2032	$2,247,300	3	$30,500	
Vinyl Tile 9" X 9"	15%			2027	$3,589,400	3	$10,200	
Wood	10%	Now	$485,200	2072	* *	5	$12,700	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 35%								
Location : Throughout Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *			
Ceramic Tile	5%	Now	$58,000	2041	* *	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Glass: Single Pane	3%			LIFE	* *	5	$2,400	
Masonry: Brick	15%	Now	$60,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Foundation Walls. Basement								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Foundation Walls. Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Foundation Walls. Basement								
Plaster	65%			LIFE	* *	5	$20,600	
Wood	2%			LIFE	* *	5	$8,400	
Ceilings								
AcousTile,Adhered	10%	Now	$130,900	2052	* *	5	$6,800	
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Cafeteria								
Masonry: Infill Arch	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$67,800	
Site Enclosure								
Fence/Gates								
Chain Link	15%			2042	* *			
Iron Picket	85%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	25%	Now	$1,000	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Various Locations At Perimeter								
Cast in Place Concrete	8%			2052	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Decorative Pillars At Perimeter								
Explanation : Worn/ Eroded								
Masonry: Fieldstone	67%	Now	$15,900	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Various Locations Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Perimeter Walls At Corners								
Retaining Walls								
Cast in Place Concrete	100%	Now	$2,100	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$37,500	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Entrance Area								
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Asphalt	40%			2035	* *			
Cast in Place Concrete	50%	Now	$12,700	2037	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : East Court Yard Play Area								
Explanation : Deteriorated Surface								
Rubber Matting	10%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2032	$22,600	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Fused Disc Sw	50%			2052	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Service Disconnect Switches Rated At 400 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2032	$113,800	5	$200	
Fused Disc Sw	50%			2052	* *	5	$200	
Raceway								
Conduit	70%			2032	$141,200	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$19,200	5	$200	
Fused Disc Sw	2%			2048	* *	5		
Molded Case Bkrs	80%			2048	* *	5	$2,000	
Molded Case Bkrs	10%			2031	$24,000	5	$200	
Wiring								
Braided Cloth	50%	2-4	$145,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$58,300	1		
Thermoplastic	30%			2052	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%			2045	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$85,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	25%			2027	$39,000	10	$5,600	
Emergency, Battery	25%			2037	* *	10	$5,600	
Exit, Service	50%			2027	$20,100	1		
Exterior Lighting								
HID	15%			2037	* *	10		
HID	15%			2027	$65,100	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$52,400	1	$10,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$17,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Auditorium, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$92,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	20%			2032	$350,000	1	$11,500	
Convector/Radiator	80%			2037	* *	1	$24,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2031	$211,400	1		
Window/Wall Unit	15%			2025	$52,800	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,900	
Exhaust Fans								
Interior	30%			2032	$123,700	2	$900	
Roof	70%	0-2	$12,600	2037	* *	2	$1,600	
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$237,500	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$18,600	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2032	$48,700	4	$5,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2032	$25,700	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 149 - Q**		
Address	: **93-11 34 AVENUE BTWN: 93 ST., 94 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q149**
Program / Asset #	: **BOE0796.000 / 1550**	**Yr Built/Renovated**	: **1936 / 2004**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1576** **Lot** : **38**	**BIN**	: **4039394**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$212,300	$92,600
Interior Architecture	$355,500	$1,479,800
Electrical	$172,000	$332,500
Mechanical	$1,098,200	$1,618,400
Total	**$1,838,000**	**$3,523,400**
Importance Code A	$212,300	$165,700
Importance Code B	$1,625,700	$3,357,600
Total	**$1,838,000**	**$3,523,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$18,000	$22,500	
Interior Architecture	$78,000	$8,100	$5,000	$11,500
Electrical	$2,600	$14,400	$4,400	$2,600
Mechanical	$84,900	$41,000	$25,800	$20,400
Site Enclosure	$10,800			
Site Pavements	$38,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$218,300**	**$85,400**	**$61,600**	**$38,400**
Importance Code A	$8,100	$26,300	$30,600	$8,100
Importance Code B	$187,300	$59,100	$31,000	$30,300
Importance Code C	$22,800			
Total	**$218,300**	**$85,400**	**$61,600**	**$38,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	4+	$152,600	LIFE	* *	5	$92,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Vestibule No. 4								
Masonry: Brick Cavity	25%			LIFE	* *	5	$38,600	
Masonry: Granite	5%			LIFE	* *	5	$5,800	
Masonry: Limestone	7%			LIFE	* *	5	$8,100	
Masonry: Limestone	3%			LIFE	* *	5	$3,500	
Windows								
Aluminum	100%			2046	* *	5	$44,900	
Parapets								
Copper/Terne	5%			2065	* *	5	$5,000	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Parapet Coping Stone								
Explanation : Copper Coping Cover Over Large Limestone Copings								
Masonry: Brick	62%			LIFE	* *	5	$12,800	
Masonry: Brick Cavity	20%			LIFE	* *	5	$4,100	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Metal Security Bars	5%			2045	* *			
Pre-Cast Concrete	3%			LIFE	* *	5	$3,900	
Roof								
Built-Up (BUR)	65%	2-4	$23,500	2035	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 3%								
Location : Main Roof								
Built-Up (BUR)	5%	Now	$36,200	2040	* *			
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Vestibule No. 4 Roof								
Copper/Terne	5%			2058	* *	10	$7,700	
Single Ply Membrane	25%			2035	* *	10	$15,500	
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$8,100	
Mosaic Tile	3%			2043	* *	5	$12,100	
Terrazzo	5%	4+	$15,100	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Entry Lobby								
Vinyl Tile	32%			2030	$1,424,400	3	$25,800	
Vinyl Tile	25%			2035	* *	3	$15,100	
Vinyl Tile 9" X 9"	25%	Now	$355,500	2040	* *	3	$15,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Fourth Floor Corridor, Stairs								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Fourth Floor Corridor, Stairs								
Wood	5%	Now	$48,100	2045	* *	5	$7,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$8,700	
Gypsum Board	25%			LIFE	* *	5	$26,200	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$20,900	
SGFT/Glazed Masonry	10%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2035	* *	5	$16,100	
AcousTileSusp.Lay-In	25%			2043	* *	5	$40,300	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,500	
Plaster	55%			LIFE	* *	5	$55,400	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2050	* *			
Iron Picket	95%	4+	$9,800	2065	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 94th Street								
Retaining Walls								
Cast in Place Concrete	10%			2065	* *			
Masonry: Brick	10%	Now	$1,000	2050	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Cheek Wall Of Steps In Playground Area								
Masonry: Fieldstone	80%			2050	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Ramps And Throughout								
Explanation : Actually Limestone Walls								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$11,900	2043	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 34th Avenue								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$7,200	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Steps In Play Yard Area								
Masonry: Granite	5%	0-2	$1,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Various Steps								
Activity Yard								
Asphalt	98%	2-4	$17,500	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard Area								
Rubber Matting	2%			2035	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available.								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	30%			2050	* *	1		
Conduit	70%			2030	$141,200	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	95%			2046	* *	5	$2,400	
Wiring								
Braided Cloth	30%	2-4	$87,500	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$300	
Locally Mounted	50%			2028	$59,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$84,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$11,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2030	$131,600	10	$100	
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Basement And Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2050	* *	1		
Interruptible Gas/Dual Fuel	75%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7500 Gallon Tank								
Conversion Equipment								
Furnace	25%			2030	$73,100	1	$11,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 10 Rooftop Package Units								
Steam Boiler	75%			2043	* *	1	$69,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Basement								
Explanation : Two Steam Boilers								
Distribution								
Steam Piping/Pump	75%			2030	$564,600			
No Component	25%							
Terminal Devices								
Air Handler	15%			2025	$265,300	1	$8,700	
Convector/Radiator	45%			2028	$345,900	1	$13,700	
Fan Coil Unit/Heat	15%			2025	$349,600	1	$4,600	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2030	$394,800	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : 10 Package Units, New Wing Roof								
Window/Wall Unit	25%	0-2	$17,800	2025	$89,000	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$39,300	
Ductwork/Diffusers	25%			LIFE	* *	2-5	$13,100	
Exhaust Fans								
Interior	75%	0-2	$31,300	2025	$312,700	2	$1,700	
Broken, Extent : Moderate, Area Affected : 15%								
Location : 1 Unit In Basement								
Roof	25%			2035	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2050	* *	1		
Galvanized Steel	20%			2028	$240,000	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	75%	0-2	$17,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement Of Old Wing On 94th Street Side.								
Cast Iron	25%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	75%			LIFE	* *	1		
Cast Iron	25%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,700	
Backflow Preventer								
Generic	100%			2030	$42,000	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing - 1st To 4th Floor								
Explanation : One Unit								

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DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2050	* *	1-2	$6,600	
Chemical System								
Generic	100%			2025	$81,600	1-3	$74,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 150 - BK**		
Address	: **364 SACKMAN STREET BTWN: BELMONT AVE - SUTTER AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K150**
Program / Asset #	: **BOE0450.000 / 1350**	**Yr Built/Renovated**	: **1907 / 2005**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5**		
Block	: **3744** **Lot** : **9**	**BIN**	: **3084012**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$158,400	$449,900
Interior Architecture		$53,400
Electrical	$311,800	$422,400
Mechanical	$314,500	$1,531,600
Total	**$784,700**	**$2,457,300**
Importance Code A	$158,400	$449,900
Importance Code B	$626,300	$2,007,400
Total	**$784,700**	**$2,457,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,400		$29,900	
Interior Architecture	$127,500		$18,600	$11,400
Electrical	$2,400	$2,000	$13,600	$3,100
Mechanical	$71,000	$13,000	$13,700	$13,100
Site Pavements	$16,400			
Total	**$250,700**	**$15,100**	**$75,800**	**$27,600**
Importance Code A	$57,400	$9,400	$39,500	$9,400
Importance Code B	$107,500	$5,700	$36,400	$18,200
Importance Code C	$85,800			
Total	**$250,700**	**$15,100**	**$75,800**	**$27,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$66,500	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Various Elevations								
Masonry: Limestone	10%			LIFE	* *	5	$7,100	
Stucco Cement	20%	Now	$53,800	2044	* *	5	$23,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : North Facade, South Facade								
Explanation : Stucco Applied Over Existing Brick								
Windows								
Aluminum	25%	Now	$104,600	2039	* *	5	$3,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Aluminum	75%			2039	* *	5	$22,000	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$20,400	
Recent Replace Evident, Extent : N/A, Area Affected : 75%								
Location : Main Roof								
Masonry: Brick	85%			LIFE	* *	5	$14,900	
Roof								
Built-Up (BUR)	55%			2031	$383,400	10	$32,900	
Copper/Terne	20%			2046	* *	10	$29,900	
Paver: Asphalt	25%			2034	* *	10	$22,400	
Recent Replace Evident, Extent : N/A, Area Affected : 50%								
Location : West Entry Courtyard								
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$6,800	
Mosaic Tile	5%			2036	* *	5	$16,900	
Terrazzo	3%			LIFE	* *	5	$3,200	
Vinyl Tile	67%			2036	* *	3	$45,400	
Wood	10%			2059	* *	5	$25,400	
Wood	10%	Now	$16,200	2046	* *	5	$12,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : 5th Floor Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,300	
Masonry: Brick	10%	Now	$40,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Oil Tank Room, Gas Meter Room								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Oil Tank Room, Gas Meter Room								
Marble Panels	5%			LIFE	* *			
Plaster	80%	Now	$41,100	LIFE	* *	5	$25,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$20,300	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,100	
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	2%			LIFE	* *	5	$3,400	
Plaster	63%			LIFE	* *	5	$53,400	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$14,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Sackman Street Side								
On-Site Walkways								
Cast in Place Concrete	50%			2036	* *			
Paver: Asphalt	50%			2034	* *	5	$3,900	
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Rated At 2,000 Amperes								
Fused Disc Sw	50%			2031	$22,600	5	$200	
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	80%			2031	$161,400	1		
Conduit	20%			2057	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	75%			2047	* *	5	$1,900	
Molded Case Bkrs	20%			2030	$47,900	5	$500	
Wiring								
Braided Cloth	80%	2-4	$233,400	2056	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2044	* *	5	$500	
Locally Mounted	20%			2029	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	5%			2031	$56,300	10	$200	
LED	5%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$11,500	
Exit, LED	5%			2059	* *	1		
Exit, Service	45%			2036	* *	1		
Exterior Lighting								
HID	30%			2031	$133,000	10	$100	
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$7,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2036	* *	1-3	$12,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	3%	Now	$14,900	2051	* *	1	$2,500	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump								
Steam Boiler	97%			2044	* *	1	$91,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	10%			2036	* *	1	$5,900	
Convector/Radiator	63%			2029	$489,400	1	$19,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	25%	Now	$116,500	2051	* *	1	$6,900	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Pneuamtic Tubes Throughout Building								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Malfunctioning Climate Control System And Vacuum Pump								
Unit Heater - Steam	2%			2031	$10,800	4	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor Gymnasium								
Explanation : Located In The 5th Floor Gymnasium								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2036	* *			
Window/Wall Unit	55%			2026	$197,900	1		
Window/Wall Unit	20%	0-2	$43,200	2031	$72,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout Instructional And Administrative Spaces, 15 Of 50 Rooms, Multiple Mechanical And / Or Electrical Defects								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$5,300	
No Component	90%							
Exhaust Fans								
Interior	10%			2036	* *	2	$300	
Wall Unit	10%			2031	$4,100	2	$300	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2051	* *	1		
Galvanized Steel	80%			2029	$970,200	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,000	
Backflow Preventer								
No Component	80%							
Generic	20%			2036	* *	1	$1,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Unit Serves Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2051	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 150 - BX**		
Address	: **920 EAST 167 STREET BTWN: FOX ST., TIFFANY ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X150**
Program / Asset #	: **BOE0287.000 / 385**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2**		
Block	: **2717** **Lot** : **5**	**BIN**	: **2005681**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$837,500	$719,200
Interior Architecture	$929,400	$986,200
Electrical	$263,200	$545,500
Mechanical	$251,900	$4,316,600
Site Pavements	$87,800	
Total	**$2,369,800**	**$6,567,500**
Importance Code A	$837,500	$1,547,300
Importance Code B	$1,381,700	$4,282,800
Importance Code C	$150,600	$737,500
Total	**$2,369,800**	**$6,567,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$23,100		
Interior Architecture		$18,400	$1,800	$11,000
Electrical	$3,600	$30,900	$3,500	$2,700
Mechanical	$61,100	$48,000	$26,000	$13,300
Site Enclosure	$24,000			
Site Pavements	$31,000			
Total	**$119,800**	**$120,400**	**$31,300**	**$27,000**
Importance Code A	$9,400	$32,700	$9,400	$9,400
Importance Code B	$86,400	$87,700	$21,900	$17,600
Importance Code C	$24,000			
Total	**$119,800**	**$120,400**	**$31,300**	**$27,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	$136,600	
Masonry: Brick	75%			LIFE	* *	5	$102,500	
Metal Panel	5%			2050	* *	5-10	$47,000	
Windows								
Aluminum	100%	Now	$107,100	2046	* *	5	$11,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Metal Rail	70%			2035	* *	5-10	$248,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Roof								
Explanation : Height Of Railing Is Very Low								
Metal Security Bars	30%			2045	* *			
Roof								
Built-Up (BUR)	40%	Now	$153,100	2030	$382,700			
Blisters, Extent : Severe, Area Affected : 20%								
Location : Over Gymnasium And Auditorium								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Over Cafeteria, Auditorium								
Copper/Terne	5%			2045	* *	10	$10,200	
IRMA/Protected Membrane	55%	Now	$426,700	2040	* *			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 15%								
Location : Third Floor Roof								
Insul Deter/Miss, Extent : Severe, Area Affected : 25%								
Location : Third Floor Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,200	
Ceramic Tile	3%			2033	$248,800	5	$4,400	
Ceramic Tile	2%			2043	* *	5	$2,900	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Toilet Room								
Terrazzo	5%			LIFE	* *	5	$5,700	
Vinyl Tile	10%			2035	* *	3	$5,500	
Vinyl Tile 9" X 9"	60%	0-2	$778,800	2040	* *	3	$33,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2058	* *	5	$27,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2033	$737,500	5	$13,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,400	
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$20,100	
SGFT/Glazed Masonry	25%	Now	$150,600	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement At Exit 4 Near Stairway B								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Basement At Exit 4 Near Stairway B								
Ceilings								
AcousTileConcealSpLn	20%			2035	* *	5	$36,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Exposed Struc: Concrete	50%			LIFE	* *	5	$11,500	
Metal Panel	15%			LIFE	* *	5	$27,600	
Plaster	15%			LIFE	* *	5	$13,800	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2050	* *			
Iron Picket	70%	4+	$24,000	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout Perimeter Of Fence								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$87,800	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Tiffany Street								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Exit No.7								
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%	0-2	$31,000	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Playground								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Playground On East 167th Street								
Explanation : Playground Is Across The Street								
Cast in Place Concrete	20%			2043	* *			
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	30%			2050	* *	1		
Conduit	70%			2030	$141,200	1		
Panelboards								
Fused Disc Sw	3%			2046	* *	5	$100	
Fused Disc Sw	7%			2029	$16,800	5	$200	
Molded Case Bkrs	20%			2046	* *	5	$500	
Molded Case Bkrs	70%			2029	$167,600	5	$1,800	
Wiring								
Braided Cloth	50%	2-4	$145,900	2055	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2030	$87,500	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2043	* *	5	$100	
Locally Mounted	80%			2028	$95,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$85,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2035	* *			
Egress Lighting								
Emergency, Battery	30%			2035	* *	10	$6,900	
Emergency, Battery	20%			2025	$31,900	10	$4,600	
Exit, Service	40%			2025	$16,400	1		
Exit, Service	10%			2035	* *	1		
Exterior Lighting								
LED	30%			2035	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$53,500	1	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Door								
Explanation : Intrusion Alarm, Motion Sensors And No Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Classrooms And Basement								
Explanation : Strobe Lights, Smoke Detectors, Horns, Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$220,900	5	$29,400	
Conversion Equipment								
Steam Boiler	100%			2028	$828,000	1	$94,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%	0-2	$30,400	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Steam Piping/Pump	80%			2030	$608,600			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2030	$446,900	1	$14,700	
Convector/Radiator	75%			2028	$582,600	1	$23,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2025	$251,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,000	
Exhaust Fans								
Interior	30%	0-2	$2,500	2030	$126,400	2	$700	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motor, Fan Room								
Roof	70%	0-2	$2,600	2030	$129,000	2	$1,600	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2040	* *	1		
Galvanized Steel	14%	0-2	$3,400	2028	$169,800	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : The Water Main Valve In Cross Bay.								
Galvanized Steel	56%			2028	$679,200	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$459,400	4	$9,400	
Sanitary Piping								
Cast Iron	30%	0-2	$7,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Outside Of 167 Street And Fox Street								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	25%	0-2	$1,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Front Entrance								
Cast Iron	75%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$19,000	4	$3,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Various								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$65,700	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 150 - Q**		
Address	: **40-01 43 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q150**
Program / Asset #	: **BOE0797.000 / 1537**	**Yr Built/Renovated**	: **1932 / 2001**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **185** **Lot** : **1**	**BIN**	: **4002387**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$70,900	$70,900
Interior Architecture	$682,500	$477,500
Electrical	$204,200	$824,200
Mechanical		$4,083,400
Site Pavements	$471,500	
Total	**$1,429,100**	**$5,456,000**
Importance Code A	$70,900	$142,700
Importance Code B	$924,700	$5,313,300
Importance Code C	$433,600	
Total	**$1,429,100**	**$5,456,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$119,600		$3,400	
Interior Architecture	$157,100		$6,900	$7,100
Electrical	$14,400	$8,100	$10,000	$8,900
Mechanical	$136,900	$26,100	$22,700	$15,600
Site Enclosure	$22,500			
Site Pavements	$19,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$473,800**	**$38,100**	**$46,900**	**$35,400**
Importance Code A	$126,100	$6,500	$9,800	$6,500
Importance Code B	$217,100	$31,600	$37,100	$29,000
Importance Code C	$130,600			
Total	**$473,800**	**$38,100**	**$46,900**	**$35,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	2%			LIFE	* *	5	$3,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$141,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Brick Cavity	25%			LIFE	* *	5	$70,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Granite	5%			LIFE	* *	5	$10,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Limestone	15%			LIFE	* *	5	$31,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Band Course Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Building Corner At 41st Street								
Pre-Cast Concrete	3%			LIFE	* *	5	$27,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Aluminum	12%	Now	$34,200	2049	* *	5	$1,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Stairwells								
Aluminum	88%			2049	* *	5	$26,300	
Parapets								
Under Construction	100%							
Roof								
Metal Panel	3%			2046	* *	10	$3,400	
Under Construction	97%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	9%			LIFE	* *	5	$45,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Basement Crawl Space								
Ceramic Tile	8%			2042	* *	5	$9,200	
Sheet Vinyl/Rubber	7%			2038	* *	5	$12,100	
Terrazzo	3%			LIFE	* *	5	$5,400	
Vinyl Tile	15%			2033	$477,500	3	$8,600	
Vinyl Tile	48%			2038	* *	3	$20,700	
Vinyl Tile 9" X 9"	2%	Now	$40,700	2043	* *	3	$900	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium Storage, Rooms 158, 352 And 360								
Wood	8%			2048	* *	5	$17,300	
Interior Walls								
Cast in Place Concrete	10%	Now	$81,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gasoline Meter Room, Electric Room And Coal Shoot								
Concrete Masonry Unit	10%			LIFE	* *	5	$17,100	
Gypsum Board	15%			LIFE	* *	5-10	$54,400	
Masonry: Brick	8%	Now	$235,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gasoline Meter Room, Electric Room And Coal Shoot								
Marble Panels	5%	0-2	$37,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 1st Floor Corridors								
Plaster	45%	Now	$116,800	LIFE	* *	5	$28,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Windows								
SGFT/Glazed Masonry	7%			LIFE	* *	10	$7,500	
Ceilings								
AcousTileSusp.Lay-In	30%	Now	$57,500	2046	* *	5	$17,300	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 324, 325, 330, Stair And Third Floor Corridor								
Exposed Struc: Concrete	10%	Now	$86,300	LIFE	* *	5	$1,800	
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Electric Room And Coal Shoot								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electric Room And Coal Shoot								
Plaster	60%	Now	$105,100	LIFE	* *	5	$43,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout 4th Floor								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%	2-4	$22,500	2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fencing								
Explanation : Construction Netting Installed								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$161,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 40th Street And 41st Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 40th Street And 41st Street								
Tripping Hazard, Extent : Moderate, Area Affected : 1%								
Location : 41st Street								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Shed Installed								
On-Site Walkways								
Asphalt	60%			2036	* *			
Cast in Place Concrete	30%			2046	* *			
Masonry: Granite	10%	4+	$19,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Entry Steps								
Activity Yard								
Asphalt	95%	4+	$309,900	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Upper Yard								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Rear Yard								
Explanation : Construction Staging Area								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$22,600	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Fused Disc Sw	50%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	75%			2033	$170,700	5	$300	
Fused Disc Sw	25%			2053	* *	5	$100	
Raceway								
Conduit	20%			2053	* *	1		
Conduit	80%			2033	$161,400	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	5%			2032	$12,000	5	$100	
Molded Case Bkrs	30%			2049	* *	5	$700	
Molded Case Bkrs	60%			2032	$143,700	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$83,600	5	$400	
Locally Mounted	30%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$69,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	25%			2028	$32,300	10	$4,600	
Emergency, Battery	25%			2038	* *	10	$4,600	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$163,300	1	$32,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$53,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2053	* *	1		
Interruptible Gas/Dual Fuel	70%			2053	* *	1		
Conversion Equipment								
Furnace	30%			2033	$71,900	1	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Of New Addition								
Explanation : 8 Package Units Which Have Multiple Mechanical And Electrical Defects. They Are Scheduled To Be Replaced This Year.								
Steam Boiler	70%			2038	* *	1	$53,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$37,000	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : And Rusted, Vacuum Pump In Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : Thermostats And Control Valves, Various Locations								
Steam Piping/Pump	60%			2033	$369,900			
No Component	30%							

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2028	$289,800	1	$9,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	30%	Now	$3,800	2031	$188,900	1	$6,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Fan Coil Unit/Heat	20%			2028	$381,800	1	$5,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	30%							
Controls								
Digital	30%	0-2	$37,500	2031	$749,600			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Management System								
Pneumatic	70%			2031	$1,177,000			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2033	$388,100	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 8 Units. New Wing Roof								
Window/Wall Unit	50%			2032	$145,800	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$20,400	
Ductwork/Diffusers	70%			LIFE	* *	2-5	$47,600	
Exhaust Fans								
Interior	70%			2028	$239,000	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	30%			2033	$44,800	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 80 Gallon Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$19,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement And 1st Floor Bathrooms								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$17,400	4	$2,800	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	65%							
Generic	35%			2043	* *	1-2	$7,500	
Chemical System								
Wet	100%			2031	$81,600	1-3	$83,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 151 - BK**		
Address	: **763 KNICKERBOCKER AVENUE @ HALSEY ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K151**
Program / Asset #	: **BOE0451.000 / 1083**	**Yr Built/Renovated**	: **1906 / 2008**
Area Sq Ft	: **56,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **3406** **Lot** : **1**	**BIN**	: **3078654**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$691,000	$665,000
Interior Architecture	$4,476,500	$938,700
Electrical	$162,000	$621,900
Mechanical		$1,624,700
Total	**$5,329,600**	**$3,850,300**
Importance Code A	$691,000	$665,000
Importance Code B	$4,293,400	$3,185,300
Importance Code C	$345,200	
Total	**$5,329,600**	**$3,850,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$4,400
Interior Architecture	$109,200			$7,000
Electrical	$700	$2,600	$125,900	$2,600
Mechanical	$16,700	$7,800	$64,900	$7,800
Site Enclosure	$3,600			
Site Pavements	$2,000			
Total	**$132,200**	**$10,400**	**$190,800**	**$21,800**
Importance Code A	$5,500	$5,500	$5,700	$10,000
Importance Code B	$91,300	$4,900	$185,200	$11,800
Importance Code C	$35,400			
Total	**$132,200**	**$10,400**	**$190,800**	**$21,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$51,700	
Copper/Terne	2%			2051	* *	10	$3,100	
Masonry: Brick	78%	Now	$425,200	LIFE	* *	5	$51,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 202, 204, 302, 308								
Masonry: Limestone	10%	0-2	$52,100	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Windows								
Aluminum	50%			2047	* *	5	$8,900	
Wood	50%	Now	$213,700	2056	* *	5	$44,300	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$8,500	
Metal Security Bars	5%			2046	* *			
Pre-Cast Concrete	10%			LIFE	* *	5	$6,300	
Roof								
Built-Up (BUR)	100%			2031	$561,600	10	$48,100	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$15,200	LIFE	* *	5	$19,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2034	* *	5	$4,500	
Quarry Tile	2%			2044	* *	5	$2,700	
Vinyl Tile	38%	Now	$18,800	2031	$938,700	3	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	Now	$78,900	2026	$3,945,700	3	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	20%	0-2	$106,700	2046	* *	5	$16,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Interior Walls								
Cast in Place Concrete	5%	0-2	$28,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2034	* *	5	$7,400	
Masonry: Brick	15%	Now	$210,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Basement Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Plaster	75%	Now	$134,500	LIFE	* *	5	$33,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2044	* *	5	$11,300	
AcousTileSusp.Lay-In	2%			2044	* *	5	$1,500	
Metal Panel	10%			LIFE	* *	5	$9,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Arched Metal Decking								
Plaster	73%	Now	$33,500	LIFE	* *	5	$34,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	60%	4+	$3,600	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : By Gate On Halsey Street								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout Rear Yard								
Iron Picket	40%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	90%	2-4	$2,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Rear Yard								
Rubber Matting	10%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$7,000	5	$100	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	5%			2047	* *	5	$100	
Molded Case Bkrs	85%			2030	$118,800	5	$1,300	
Wiring								
Braided Cloth	45%	2-4	$89,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	45%			2031	$89,800	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	40%			2044	* *	5	$200	
Locally Mounted	50%			2029	$35,800	5	$200	
Motor Control Center	10%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$46,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	10%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Gymnasium								
Explanation : LED Lighting Fixtures Installed In 2019								
Egress Lighting								
Emergency, Battery	10%			2036	* *	10	$1,400	
Emergency, Battery	40%			2026	$37,600	10	$5,400	
Exit, Service	50%			2026	$12,100	1		
Exterior Lighting								
HID	20%			2031	$52,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$21,000	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%	2-4	$72,200	2041	* *	1-3	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$55,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,000	2031	$448,400			
Broken, Extent : Severe, Area Affected : 10%								
Location : 1 Of 2 Feedwater Pumps In Sub-basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	100%			2029	$457,900	1	$18,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2026	$10,600	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
No Component	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Sub-basement								
Explanation : Fans Reported To Have Been Removed.								
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Fans Reported To Have Been Removed.								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2031	$575,400	1		
Galvanized Steel	20%			2029	$143,000	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Sub-basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 115-gallon Storage Tanks.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$11,200	4	$1,200	
Sewage Ejector(s)								
Electric	100%			2026	$29,300	4	$2,200	
Backflow Preventer								
Generic	100%			2036	* *	1	$3,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$23,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 151 - Q**		
Address	: **50-05 31 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q151**
Program / Asset #	: **BOE0798.000 / 1523**	**Yr Built/Renovated**	: **1931 / 2001**
Area Sq Ft	: **83,438**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **752** **Lot** : **1**	**BIN**	: **4014094**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$126,000
Interior Architecture	$853,700	$409,100
Electrical	$471,700	$505,000
Mechanical	$1,000,200	$409,400
Total	**$2,325,600**	**$1,449,500**
Importance Code A		$126,000
Importance Code B	$1,979,600	$1,205,000
Importance Code C	$346,100	$118,500
Total	**$2,325,600**	**$1,449,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,500	$16,500		$5,900
Interior Architecture	$81,500	$17,700	$200	$4,700
Electrical	$900	$2,600	$2,800	$3,200
Mechanical	$31,400	$12,900	$18,100	$25,300
Site Enclosure	$5,400			
Site Pavements	$5,800			
Total	**$128,500**	**$49,700**	**$21,000**	**$39,000**
Importance Code A	$11,800	$24,700	$8,300	$14,300
Importance Code B	$105,500	$16,900	$12,700	$24,700
Importance Code C	$11,200	$8,000		
Total	**$128,500**	**$49,700**	**$21,000**	**$39,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$21,900	
Masonry: Brick	90%			LIFE	* *	5	$126,000	
Masonry: Granite	2%			LIFE	* *	5	$2,100	
Masonry: Limestone	6%			LIFE	* *	5	$6,300	
Windows								
Aluminum	10%	Now	$3,500	2040	* *	5	$1,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Room 301 And 302								
Aluminum	30%			2040	* *	5	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street Level And Gymnasium Windows								
Explanation : Protective Metal Grilles								
Aluminum	60%			2040	* *	5	$21,900	
Parapets								
Copper/Terne	5%			2052	* *	5	$3,000	
Masonry: Brick	70%			LIFE	* *	5	$8,600	
Masonry: Limestone	25%			LIFE	* *	5	$3,900	
Roof								
Built-Up (BUR)	95%			2040	* *	10	$45,700	
Metal Panel	5%			2037	* *	10	$4,400	
Interior								
Floors								
Cast in Place Concrete	7%	4+	$14,900	LIFE	* *	5	$19,100	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridors								
Ceramic Tile	3%			2035	* *	5	$3,700	
Terrazzo	5%	4+	$29,200	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Lobby, Stairs								
Vinyl Tile	50%			2037	* *	3	$23,400	
Vinyl Tile 9" X 9"	1%			2032	$220,400	3	$500	
Wood	30%	0-2	$446,900	2035	* *	5	$35,100	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Thresholds								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : 2nd And 4th Floor Classrooms, 4th Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : 2nd And 4th Floor Classrooms, 4th Floor Corridors								
Wood	4%			2047	* *	5	$9,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor								
Explanation : Gymnasium Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *			
Ceramic Tile	3%			2045	* *	5	$16,000	
Glass: Single Pane	3%			LIFE	* *	5	$12,000	
Masonry: Brick	10%	Now	$203,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room And 50th Street Foundation Wall In Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Electrical Room And 50th Street Foundation Wall In Basement								
Metal: Cage/Fence	2%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	22%	0-2	$142,800	LIFE	* *	5	$35,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 4th Floor Classrooms. North Facing Wall Overlooking School Yard, Stairwells, Bulkheads								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : 4th Floor Classrooms. North Facing Wall Overlooking School Yard, Stairwells, Bulkheads								
Plaster	52%			LIFE	* *	5	$83,200	
Ceilings								
Exposed Struc: Concrete	10%	Now	$37,400	LIFE	* *	5	$2,000	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room Under 1st Floor Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Sidewalk To Basement Bilco Door								
Plaster	80%	Now	$60,800	LIFE	* *	5	$62,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Stairwells, Bulkheads, Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Bathroom								
Plaster	10%			LIFE	* *	5	$7,800	
Site Enclosure								
Fence/Gates								
Chain Link	65%			2042	* *			
Iron Picket	35%	Now	$5,400	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 31st Avenue								
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Perimeter Fencing At 31st Avenue And Hobart Street								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Holbart Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	70%			2041	* *			
Cast in Place Concrete	30%	Now	$5,800	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Walkways Between Classroom Trailers In Rear Yard								
Activity Yard								
Rubber Matting	30%			2037	* *			
Traffic Topping	70%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	90%			2032	$181,600	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Fused Knife Sw	30%	0-2	$71,800	2057	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Molded Case Bkrs	40%			2031	$95,800	5	$900	
Molded Case Bkrs	20%			2048	* *	5	$400	
Wiring								
Braided Cloth	90%	2-4	$262,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$72,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$10,100	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$9,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria, Roof, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$64,600	2042	* *	1-3	$14,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$25,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$82,600	
Distribution								
Steam Piping/Pump	100%			2042	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2027	$314,000	1	$10,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	60%			2030	$409,400	1	$16,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Unit Heater - Steam	20%	Now	$4,700	2027	$94,800	4	$1,500	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2027	$221,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,500	
Exhaust Fans								
Interior	100%			2027	$370,100	2	$2,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$14,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,600	
Backflow Preventer								
No Component	50%							
Generic	50%			2037	* *	1	$2,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,200	
Chemical System								
Dry	5%			2030	$4,100	1-3	$3,900	
No Component	95%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 152 - BK**		
Address	: **725 EAST 23 STREET BTWN: GLENWOOD RD., CAMPUS RD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K152**
Program / Asset #	: **BOE0452.000 / 1351**	**Yr Built/Renovated**	: **1907 / 2015**
Area Sq Ft	: **162,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **7551** **Lot** : **26**	**BIN**	: **3205780**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$148,500
Interior Architecture	$529,400	
Electrical		$3,167,000
Mechanical	$615,800	$1,480,900
Site Pavements	$75,200	$203,400
Total	**$1,220,400**	**$4,999,800**
Importance Code A		$174,200
Importance Code B	$871,500	$4,825,600
Importance Code C	$348,900	
Total	**$1,220,400**	**$4,999,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$75,400	$45,300		
Interior Architecture	$130,800			$20,900
Electrical	$41,400	$18,200	$17,300	$17,300
Mechanical	$37,900	$56,800	$47,300	$30,900
Site Enclosure	$10,600			
Site Pavements	$10,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$314,300**	**$128,200**	**$72,500**	**$77,000**
Importance Code A	$92,000	$61,500	$16,000	$16,000
Importance Code B	$206,900	$66,700	$56,500	$61,000
Importance Code C	$15,400			
Total	**$314,300**	**$128,200**	**$72,500**	**$77,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$30,100	
Concrete Masonry Unit	15%			LIFE	* *	5	$18,100	
Copper/Terne	2%			2050	* *	10	$9,000	
Masonry: Brick	77%			LIFE	* *	5	$148,500	
Masonry: Limestone	2%			LIFE	* *	5	$2,900	
Metal Panel	2%			2050	* *	5-10	$26,500	
Windows								
Aluminum	55%	Now	$30,100	2046	* *	5	$15,800	
Air Infiltration, Extent : Moderate, Area Affected : 1%								
Location : Room 323								
Glass Block	30%	Now	$37,300	LIFE	* *	5	$10,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Third Floor								
Wood	15%			2038	* *	5	$86,000	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,900	
Masonry: Brick	40%			LIFE	* *	5	$8,200	
Masonry: Brick	15%			LIFE	* *	5	$3,100	
Masonry: Brick	25%			LIFE	* *	5	$5,100	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Metal Rail	5%			2043	* *	5-10	$18,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,400	
Roof								
Copper/Terne	5%			2058	* *	10	$10,600	
Metal Panel	5%	2-4	$8,000	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout Roof								
Modified Bitumen	45%			2035	* *	10	$38,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Slate	45%			LIFE	* *			
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,200	
Ceramic Tile	5%			2039	* *	5	$12,000	
Quarry Tile	10%	0-2	$88,000	2043	* *	5	$17,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	0-2	$22,400	LIFE	* *	5	$9,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : First Floor 1907 Building								
Misaligned/Bulging, Extent : Moderate, Area Affected : 1%								
Location : Exit 6								
Vinyl Tile	70%	0-2	$92,500	2035	* *	3	$62,800	
Adhesion Failure, Extent : Moderate, Area Affected : 2%								
Location : Fourth Floor And Library								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor And Library								
Wood	5%	0-2	$14,300	2058	* *	5	$11,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Ceramic Tile	5%			2039	* *	5	$9,600	
Concrete Masonry Unit	20%	4+	$71,800	LIFE	* *	5	$15,300	
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Cafeteria								
Glazed Ceramic Panel	15%	0-2	$109,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	18%	Now	$167,400	LIFE	* *	5	$10,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	32%			LIFE	* *	5	$18,300	
SGFT/Glazed Masonry	5%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	22%			2043	* *	5	$65,800	
AcousTileSusp.Lay-In	20%	Now	$39,800	2043	* *	5	$23,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,700	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$29,900	
Metal Panel	3%			LIFE	* *	5	$9,000	
Plaster	30%	Now	$43,700	LIFE	* *	5	$44,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1907 Building Fourth Floor And Room 312								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : 1907 Building Fourth Floor And Room 312								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Iron Picket	75%	2-4	$10,600	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$75,200	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	97%			2035	* *			
Masonry: Granite	3%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	100%	0-2	$10,200	2033	$203,400			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%	Now	$500	2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2030	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%	Now	$2,900	2040	* *	5	$200	
Suspect Water Damage, Extent : Severe, Area Affected : 2%								
Location : Electrical Room								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Electrical Room								
Explanation : Water Penetration Into Switchboard From Street, See Architecture Report.								
Fused Disc Sw	50%			2030	$146,300	5	$300	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	1%			2038	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Fused Toggle Switch	1%			2029	$3,400	5		
Molded Case Bkrs	98%			2038	* *	5	$4,200	
Wiring								
Thermoplastic	90%			2040	* *	1		
Thermoplastic	10%			2030	$40,000	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$49,800	
Generators								
Diesel	100%			2033	$138,700	1	$62,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 230 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$36,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Generator Room								
Explanation : 50 Gallons								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement Oil Tank Room								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	78%			2030	$1,883,600	10	$115,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2030	$483,000	10	$29,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors. All Floors.								
LED	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Service	40%			2030	$39,900	1		
Emergency, Battery	10%			2030	$27,200	10	$3,900	
Exit, Service	45%			2030	$31,400	1		
Exit, Battery	5%			2030	$11,500	10	$500	
Exterior Lighting								
HID	1%	Now	$200	2040	* *			
Damaged Fixtures, Extent : Light, Area Affected : 2%								
Location : Courtyard								
LED	99%			2035	* *			
Alarm								
Security System								
Generic	100%			2030	$304,100	1	$60,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 10,000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$160,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Units On 1st Floor Boiler Room, 2 Units On 3rd Floor								
Explanation : 4 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$91,100	2040	* *	4	$8,000	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Pump, Basement								
Terminal Devices								
Air Handler	20%			2030	$609,700	1	$20,000	
Convector/Radiator	70%			2035	* *	1	$36,600	
Fan Coil Unit/Heat	10%			2035	* *	1	$5,200	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2035	* *	1	$7,500	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Exterior Pkg Unit - Cooling	20%			2030	$355,300	2	$2,000	
Split Unit	2%	Now	$7,700	2040	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : Units Broken								
Split Unit	3%			2035	* *			
Window/Wall Unit	65%			2025	$398,900	1		
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2040	* *	4	$1,200	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2035	* *	1	$10,000	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	* *	2	$11,300	
No Component	90%							

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,300	
Exhaust Fans								
Interior	60%			2030	$431,100	2	$3,000	
Roof	40%			2025	$125,700	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 85 Gallon Tank And Two 115 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$32,400	4	$3,400	
Sewage Ejector(s)								
Electric	100%			2030	$84,800	4	$6,400	
Backflow Preventer								
No Component	50%							
Generic	50%			2035	* *	1	$5,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From 1st To 4th Floor, One Unit From Basement To 1st Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$81,700	
Sprinkler								
No Component	80%							
Generic	20%			2050	* *	1-2	$9,100	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 152 - BK EARLY CHILDHOOD CENTER, ANNEX**		
Address	: **1087 OCEAN AVE. @ FOSTER AVE. BASEMENT THRU 3RD FLR.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K776**
Program / Asset #	: **BOE1085.000 / 14431**	**Yr Built/Renovated**	:
Area Sq Ft	: **34,238**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5220** **Lot** : **7**	**BIN**	: **3339044**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$269,500	$116,400
Interior Architecture		$2,188,600
Electrical	$88,300	$434,900
Mechanical	$102,000	$724,300
Total	**$459,800**	**$3,464,200**
Importance Code A	$269,500	$116,400
Importance Code B	$190,300	$3,347,800
Total	**$459,800**	**$3,464,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,900			
Interior Architecture	$152,500		$5,100	$1,600
Electrical	$1,300	$1,900	$2,000	$3,000
Mechanical	$37,000	$8,000	$10,800	$16,100
Site Enclosure	$8,400			
Site Pavements	$31,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$261,800**	**$13,800**	**$21,900**	**$24,600**
Importance Code A	$26,900			
Importance Code B	$133,900	$13,800	$21,900	$24,600
Importance Code C	$101,100			
Total	**$261,800**	**$13,800**	**$21,900**	**$24,600**

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DEPARTMENT OF EDUCATION - 040
P. S. 152 - BK EARLY CHILDHOOD CENTER, ANNEX
Asset # : 14431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	$39,100	
Masonry: Fieldstone	15%			LIFE	* *	5	$14,600	
Pre-Cast Concrete	55%			LIFE	* *	5	$232,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Leased Space. Surveyed 1st To 3rd Floor								
Windows								
Aluminum	100%	Now	$153,100	2049	* *	5	$7,000	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout 1st, 2nd And 3rd Floor								
Soffits								
Cast in Place Concrete	30%			LIFE	* *	5		
Metal: Cage/Fence	70%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Playground								
Explanation : Chain Link Fence Canopy Above Playground								
Interior								
Floors								
Carpet	2%			2032	$14,600	3	$1,200	
Cast in Place Concrete	5%	Now	$35,200	LIFE	* *	5	$4,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Rooms 008, 009 And 010								
Ceramic Tile	5%			2036	* *	5	$2,100	
Quarry Tile	5%			2046	* *	5	$3,100	
Terrazzo	25%			LIFE	* *	5	$16,100	
Vinyl Tile	26%			2038	* *	3	$4,000	
Vinyl Tile 9" X 9"	30%			2033	$2,188,600	3	$6,200	
Wood	2%			2061	* *	5	$1,600	
Interior Walls								
Cast in Place Concrete	2%	4+	$2,000	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Electrical Room 012 And Room 008								
Concrete Masonry Unit	20%	Now	$25,300	LIFE	* *	5	$5,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Gypsum Board	18%			LIFE	* *	5-10	$20,600	
SGFT/Glazed Masonry	60%			LIFE	* *	10	$20,200	
Ceilings								
Exposed Struc: Concrete	2%	4+	$2,500	LIFE	* *	5	$100	
Paint Peeling, Extent : Severe, Area Affected : 30%								
Location : Electrical Room 012								
Plaster	98%			LIFE	* *	5-10	$69,600	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
P. S. 152 - BK EARLY CHILDHOOD CENTER, ANNEX
Asset # : 14431

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%			2059	* *			
Iron Picket	60%	Now	$8,400	2053	* *			
Impact Damage, Extent : Light, Area Affected : 10%								
Location : Ocean Avenue								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2046	* *			
Slate	30%			LIFE	* *	5	$1,600	
Parking/Driveway								
Asphalt	100%	0-2	$31,000	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Parking Lot								
Activity Yard								
Rubber Matting	100%			2041	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$22,600	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$130,000	5	$100	
Raceway								
Conduit	100%			2033	$61,200	1		
Panelboards								
Fused Disc Sw	5%			2032	$5,000	5		
Molded Case Bkrs	95%			2032	$94,800	5	$900	
Wiring								
Thermoplastic	100%			2033	$77,200	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 152 - BK EARLY CHILDHOOD CENTER, ANNEX
Asset # : 14431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$31,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	10%			2028	$5,700	10	$800	
Emergency, Battery	40%			2038	* *	10	$3,300	
Exit, Service	10%			2028	$1,500	1		
Exit, Service	40%			2038	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$88,300	2043	* *	1-3	$19,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Church Building								
Explanation : Boiler Located In Adjacent Building								
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Church Building								
Explanation : Boiler Located In Adjacent Building								
Distribution								
Steam Piping/Pump	100%			2033	$274,200			
Terminal Devices								
Convector/Radiator	100%			2031	$280,000	1	$11,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2031	$103,800	1		
No Component	20%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040
P. S. 152 - BK EARLY CHILDHOOD CENTER, ANNEX
Asset # : 14431

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,200	
Exhaust Fans								
Roof	100%			2028	$66,400	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%	2-4	$6,800	2033	$34,200	2		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Gallon Unit.								
Sanitary Piping								
Cast Iron	20%	0-2	$1,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$1,100	2028	$1,100	4	$700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : From 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Chemical System								
Generic	100%			2026	$102,000	1-3	$101,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, Covers 25 Square Feet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 152 - BX**		
Address	: **1007 EVERGREEN AVENUE @BRUCKNER BLVD.**		
Borough	: **BRONX**	**Agency's Number**	: **X152**
Program / Asset #	: **BOE0289.000 / 1096**	**Yr Built/Renovated**	: **1975 / 2008**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3711** **Lot** : **1**	**BIN**	: **2023336**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$735,700	$113,700
Interior Architecture	$138,300	$3,413,800
Electrical	$602,400	$1,043,500
Mechanical	$2,267,400	$1,122,100
Total	**$3,743,800**	**$5,693,000**
Importance Code A	$896,600	$351,600
Importance Code B	$2,780,900	$5,341,400
Importance Code C	$66,300	
Total	**$3,743,800**	**$5,693,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,000		$80,400	
Interior Architecture	$33,400	$14,400		$8,100
Electrical	$2,400	$2,800	$133,800	$1,800
Mechanical	$140,500	$19,900	$117,400	$26,000
Site Enclosure	$2,100			
Site Pavements	$8,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$197,700**	**$41,100**	**$335,600**	**$39,800**
Importance Code A	$22,000	$5,900	$86,500	$5,900
Importance Code B	$171,900	$35,200	$249,200	$34,000
Importance Code C	$3,800			
Total	**$197,700**	**$41,100**	**$335,600**	**$39,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%	2-4	$198,100	LIFE	* *	5	$113,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance On Evergreen Avenue								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : All Facades								
Masonry: Limestone	5%			LIFE	* *	5	$5,300	
Metal Panel	5%			2051	* *	5-10	$48,900	
Window Wall	10%			2051	* *	5	$53,300	
Windows								
Aluminum	100%	0-2	$477,600	2047	* *	5	$12,500	
Air Infiltration, Extent : Moderate, Area Affected : 45%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$9,100	
Metal Panel	5%			2051	* *	5	$2,700	
Metal Rail	10%			2036	* *	5-10	$25,300	
Pre-Cast Concrete	20%			LIFE	* *	5	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Coping								
Explanation : Looks Like Brick Units								
Roof								
Built-Up (BUR)	65%	Now	$60,000	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Teachers Lounge, 3rd Floor Classrooms, Gymnasium								
Metal, Corrugated	5%	Now	$1,800	2036	* *	1		
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Cafeteria								
Modified Bitumen	30%			2036	* *	10	$23,700	
Soffits								
Stucco Cement	100%	4+	$5,200	2044	* *	5	$7,600	
Worn/Eroded, Extent : Moderate, Area Affected : 2%								
Location : Entrance Canopy On Evergreen Avenue								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,600	
Ceramic Tile	3%	Now	$4,900	2040	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Toilets								
Panel/Paver: Cer/Brk	5%			2047	* *	5	$16,200	
Quarry Tile	2%			2044	* *	5	$4,300	
Vinyl Tile	80%			2031	$3,188,700	3	$43,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	8%	Now	$66,300	2040	* *	5	$6,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Toilets, Kitchen								
Concrete Masonry Unit	20%			LIFE	* *	5	$12,100	
Folding Partition	2%			2039	* *	5	$7,500	
Gypsum Board	10%			LIFE	* *	5	$9,000	
Metal Panel	10%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$15,800	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2044	* *	5	$45,100	
AcousTileSusp.Lay-In	30%	Now	$72,000	2044	* *	5	$21,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Exposed Struc: Concrete	23%			LIFE	* *	5	$5,200	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	10%			2031	$225,100			
Metal Panel	10%			LIFE	* *	5	$18,000	
Site Enclosure								
Fence/Gates								
Iron Picket	75%			2066	* *			
Metal: Cage/Fence	25%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Located On Roof Of Bridge Walkway								
Explanation : Metal Railing And Mesh Inset Panels								
Retaining Walls								
Masonry: Brick	100%	0-2	$2,100	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corner Of Evergreen Avenue And Bruckner Boulevard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$8,500	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bruckner Boulevard								
On-Site Walkways								
Cast in Place Concrete	25%			2044	* *			
Masonry: Brick	75%			2051	* *			
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$31,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere And One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2031	$13,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	95%			2031	$216,200	5	$400	
Fused Disc Sw	5%			2051	* *	5		
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$19,200	5	$200	
Fused Disc Sw	2%			2047	* *	5		
Molded Case Bkrs	85%			2030	$203,600	5	$2,000	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Braided Cloth	40%	2-4	$116,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	55%			2031	$160,500	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2029	$71,700	5	$400	
Motor Control Center	40%			2029	$118,200	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$81,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2026	$21,600	10	$100	
Egress Lighting								
Emergency, Battery	10%			2039	* *	10	$2,200	
Emergency, Battery	40%			2026	$61,100	10	$8,800	
Exit, Service	50%			2026	$19,600	1		
Exterior Lighting								
HID	100%			2026	$424,600	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$34,200	1	$6,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$46,900	1-3	$11,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$28,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Heat Exchanger, Plate & Frame	70%			2027	$160,900	1	$31,500	
Steam Boiler	30%	Now	$11,900	2029	$238,000	1	$24,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : 2 Units No.4 Oil Burning Steam Boilers One Boiler Not Firing.								
Distribution								
Hot Wtr Piping/Pump	70%			2039	* *	4	$3,100	
Central Plant Steam Piping/Pmp	30%	Now	$38,400	2041	* *	4	$1,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Leaking Glycol								
Terminal Devices								
Air Handler	30%	0-2	$25,700	2026	$513,700	1	$15,200	
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Basement And Second Floor Fan Room								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : One Of The Exhaust Fan Is Malfunctioning								
Convector/Radiator	40%			2036	* *	1	$11,800	
Fan Coil Unit/Heat	30%			2026	$676,900	1	$8,800	
Other Observation, Extent : Light, Area Affected : 35%								
Location : Throughout First Floor								
Explanation : Unit Ventilators Observed								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%	0-2	$33,600	2026	$671,300	1	$19,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Basement. One Compressor Not Working								
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Basement Mechanical Equipment Room								
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Air Conditioning Room								
Window/Wall Unit	50%			2029	$172,400	1		
Distribution								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Mechanical Equipment Room								
Explanation : Dual Temperature Pumps Observed.								
No Component	50%							
Heat Rejection								
Dry Cooler	50%			2031	$208,800	2	$31,700	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,700	
Exhaust Fans								
Interior	30%			2026	$121,100	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Second Floor Fan Room								
Roof	70%			2026	$123,600	2	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$23,400	2041	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve								
HW Heat Exchanger								
Steam Fired	100%			2031	$440,000	4	$9,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$18,200	4	$1,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2026	$47,600	4	$3,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$45,900	
Sprinkler								
No Component	95%							
Generic	5%			2031	$62,900	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 152 - M**		
Address	: **93 NAGLE AVE. @ ELLWOOD ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M152**
Program / Asset #	: **BOE0092.000 / 1709**	**Yr Built/Renovated**	: **1928 / 1992**
Area Sq Ft	: **137,975**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2173** **Lot** : **1**	**BIN**	: **1064149**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,149,600	$403,000
Interior Architecture	$741,200	$1,912,800
Electrical		$715,000
Mechanical	$102,000	$8,448,100
Site Pavements	$57,500	
Total	**$2,050,300**	**$11,478,900**
Importance Code A	$1,149,600	$1,657,000
Importance Code B	$638,300	$9,821,800
Importance Code C	$262,400	
Total	**$2,050,300**	**$11,478,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$67,800			
Interior Architecture	$185,500		$31,000	$16,800
Electrical	$29,900	$12,900	$16,900	$13,100
Mechanical	$94,700	$27,600	$37,600	$39,900
Site Enclosure	$11,900			
Site Pavements	$48,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$442,600**	**$44,400**	**$89,500**	**$73,800**
Importance Code A	$86,100	$13,700	$13,700	$13,700
Importance Code B	$245,100	$30,800	$75,800	$60,100
Importance Code C	$111,300			
Total	**$442,600**	**$44,400**	**$89,500**	**$73,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$398,200	
Masonry: Brick	10%	Now	$209,900	LIFE	* *	5	$25,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Masonry: Brick	45%			LIFE	* *	5	$229,400	
Masonry: Brick	25%			LIFE	* *	5	$127,400	
Masonry: Granite	10%			LIFE	* *	5	$38,200	
Windows								
Aluminum	100%	Now	$333,000	2049	* *	5	$11,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$41,700	LIFE	* *	5	$14,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout New Wing								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout New Wing								
Concrete Masonry Unit	8%			LIFE	* *	5-10	$8,100	
Copper/Terne	5%			2068	* *	5	$4,400	
Masonry: Brick	75%	Now	$174,300	LIFE	* *	5	$13,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout New Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Gymnasium								
Pre-Cast Concrete	2%	0-2	$600	LIFE	* *	5	$2,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Roof								
Built-Up (BUR)	95%	Now	$54,900	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor North Classrooms And Exit 7 Vestibule								
Copper/Terne	5%			2061	* *	10	$12,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$87,800	LIFE	* *	5	$45,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$29,100	2042	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2046	* *	5	$15,500	
Terrazzo	5%	2-4	$19,300	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	60%	Now	$171,200	2038	* *	3	$46,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Vinyl Tile 9" X 9"	5%			2028	$1,822,400	3	$5,200	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various 2nd Floor Classrooms								
Explanation : 9x9 Vinyl Tile								
Wood	10%			2048	* *	5	$38,700	
Interior Walls								
Ceramic Tile	5%	0-2	$25,900	2042	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Old Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$15,100	
Gypsum Board	10%	4+	$13,200	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	2-4	$179,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	4+	$83,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridors								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1st Floor Corridors								
Plaster	35%	2-4	$32,100	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$23,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2046	* *	5	$25,800	
AcousTileSusp.Lay-In	10%			2046	* *	5	$20,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$20,700	
Metal Panel	5%			LIFE	* *	5	$25,800	
Plaster	70%	Now	$219,800	LIFE	* *	5	$90,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Exit 7 Vestibule And Stair Bulkhead								
Site Enclosure								
Fence/Gates								
Chain Link	55%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Construction								
Iron Picket	45%			2068	* *			
Retaining Walls								
Cast in Place Concrete	95%			2068	* *			
Masonry: Brick	5%	Now	$11,900	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exterior Stairs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Exterior Stairs								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$39,800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Nagel Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$9,100	2038	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard Stairs								
Activity Yard								
Asphalt	75%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Under Construction, Mini School Demolition								
Cast in Place Concrete	20%	0-2	$57,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Courtyard								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$146,300	5	$300	
Fused Disc Sw	50%			2043	* *	5	$300	
Raceway								
Conduit	50%			2043	* *	1		
Conduit	50%			2033	$144,400	1		
Panelboards								
Fused Disc Sw	15%			2032	$44,900	5	$500	
Fused Toggle Switch	5%	2-4	$15,000	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2041	* *	5	$2,900	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,100	
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$113,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$16,700	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$259,000	1	$51,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$85,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$42,700	
Conversion Equipment								
Steam Boiler	10%	0-2	$6,000	2031	$120,300	1	$12,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : The Burners, Boiler Room								
Steam Boiler	90%			2031	$1,082,400	1	$123,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	$1,104,900			
Terminal Devices								
Air Handler	20%			2028	$519,300	1	$17,100	
Convector/Radiator	50%			2031	$564,100	1	$22,300	
Fan Coil Unit/Heat	30%			2028	$1,026,300	1	$13,400	
Controls								
Pneumatic	100%			2031	$2,666,600			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$365,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$121,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%	Now	$6,100	2033	$61,200	2	$300	
Broken, Extent : Severe, Area Affected : 10%								
Location : Motors, Fan Room								
Interior	80%			2033	$489,500	2	$3,400	
Roof	10%	0-2	$2,700	2033	$26,800	2	$300	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$352,300	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$4,300	4	$4,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$8,500	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 150 Gallon Unit								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$95,400	1-2	$1,900	
Chemical System								
Generic	100%			2026	$102,000	1-3	$101,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 25 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 152 - Q**				
Address	: **33-52 62 STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q152**
Program / Asset #	: **BOE0799.000 / 1524**			**Yr Built/Renovated**	: **1938 / 1999**
Area Sq Ft	: **107,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **29-Dec-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**				
Block	: **1184**	**Lot**	: **14**	**BIN**	: **4027102**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$467,300	$731,400
Interior Architecture	$8,612,300	$65,500
Electrical	$237,300	$1,033,700
Mechanical	$590,800	$2,267,700
Total	**$9,907,700**	**$4,098,300**
Importance Code A	$467,300	$1,435,600
Importance Code B	$9,331,500	$2,662,700
Importance Code C	$108,800	
Total	**$9,907,700**	**$4,098,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$63,600	$15,300		$1,400
Interior Architecture	$72,500	$22,300	$1,600	$44,900
Electrical	$3,600	$3,400	$4,000	$4,100
Mechanical	$64,400	$17,300	$25,500	$34,300
Site Enclosure	$6,400			
Site Pavements	$21,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$236,200**	**$62,200**	**$35,000**	**$88,500**
Importance Code A	$72,600	$24,300	$9,000	$10,600
Importance Code B	$135,600	$37,800	$26,000	$78,000
Importance Code C	$28,000			
Total	**$236,200**	**$62,200**	**$35,000**	**$88,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	45%			LIFE	* *	5	$41,200	
Masonry: Brick Cavity	45%	Now	$179,400	LIFE	* *	5	$41,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Classrooms. 62nd Street Facade								
Masonry: Granite	5%			LIFE	* *	5	$3,400	
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Windows								
Aluminum	95%	0-2	$41,500	2048	* *	5	$8,700	
Air Infiltration, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor Windows								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Wood	5%	Now	$22,100	2057	* *	5	$4,600	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Gymnasium								
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Gymnasium								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$6,300	
Masonry: Brick Cavity	30%			LIFE	* *	5	$4,200	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Panel	5%			2052	* *	5	$2,700	
Metal Rail	10%			2045	* *	5-10	$25,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Roof								
Built-Up (BUR)	75%	Now	$219,400	2032	$731,400			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof 1938 Wing								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : 1938 Wing								
Copper/Terne	5%			2060	* *	10	$10,400	
Single Ply Membrane	20%	Now	$68,500	2037	* *			
Ponding, Extent : Moderate, Area Affected : 25%								
Location : 1997 Wing								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$24,100	
Ceramic Tile	2%			2041	* *	5	$3,200	
Mosaic Tile	3%	4+	$22,200	2037	* *	5	$5,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : 1938 Wing Bathrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : 1938 Wing Bathrooms								
Quarry Tile	3%			2045	* *	5	$7,100	
Vinyl Tile	33%	4+	$28,700	2037	* *	3	$19,500	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria. New Wing								
Vinyl Tile 9" X 9"	30%			2027	$8,344,100	3	$23,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Classrooms. 1938 Building								
Explanation : Beyond Useful Life								
Wood	22%			2047	* *	5	$65,000	
Interior Walls								
Ceramic Tile	5%	0-2	$15,700	2041	* *	5	$7,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1939 Wing Bathrooms								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : 1939 Wing Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,700	
Glazed Ceramic Panel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$8,600	
Masonry: Brick	10%	Now	$108,800	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Electrical Room. Water Saturating Foundation Wall								
Plaster	50%			LIFE	* *	5	$42,900	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2045	* *	5	$22,500	
AcousTileSusp.Lay-In	10%			2045	* *	5	$15,000	
Metal Panel	5%			LIFE	* *	5	$9,400	
Plaster	70%	Now	$159,400	LIFE	* *	5	$65,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 3rd And 4th Floor In 1938 Wing								
Site Enclosure								
Fence/Gates								
Chain Link	40%	0-2	$6,400	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Side Yard								
Iron Picket	60%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Parking/Driveway								
Asphalt	100%	0-2	$5,900	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking And Driveway								
Activity Yard								
Rubber Matting	25%			2037	* *			
Traffic Topping	75%	Now	$15,900	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	75%			2032	$195,100	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Fused Disc Sw	25%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Raceway								
Conduit	70%			2032	$170,600	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	60%			2031	$143,700	5	$1,700	
Molded Case Bkrs	30%			2048	* *	5	$800	
Wiring								
Thermoplastic	70%			2032	$239,300	1		
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	60%			2030	$108,900	5	$400	
Locally Mounted	40%			2045	* *	5	$300	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$94,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, Cafeteria								
Explanation : LED Light Fixtures								
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$12,900	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
Fluorescent	5%			2032	$21,300	10	$500	
HID	25%			2032	$124,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$60,300	1	$12,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$82,800	1-3	$20,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	70%			2032	$174,200	5	$23,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Natural Gas	30%			2052	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2037	* *	1	$15,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of New Wing								
Explanation : 12 Gas Fired Rooftop Units								
Steam Boiler	70%			2030	$652,800	1	$74,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	80%	0-2	$34,300	2032	$685,500			
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Condensate Pump Corroded And Leaking.								
No Component	20%							
Terminal Devices								
Air Handler	20%			2027	$402,700	1	$13,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Convector/Radiator	60%			2037	* *	1	$20,700	
Unit Heater - Steam	20%	0-2	$6,100	2027	$121,600	4	$2,000	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	30%			2037	* *	2	$2,000	
Window/Wall Unit	15%			2030	$60,800	1		
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,700	
Exhaust Fans								
Interior	70%	Now	$66,400	2032	$332,200	2	$1,800	
Broken, Extent : Severe, Area Affected : 20%								
Location : Old Wing								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : Blower Is Not Working								
Roof	30%			2037	* *	2	$1,000	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Galvanized Steel	80%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	30%			2030	$5,100	2		
No Component	70%							
HW Heat Exchanger								
Steam Fired	70%			2032	$362,200	4	$11,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Of Old Wing. The Domestic Hot Water Heat Exchanger Is At Or Approaching Its Useful Life Cycle Limit								
No Component	30%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$21,400	4	$3,400	
Backflow Preventer								
Generic	100%			2037	* *	1	$6,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing, 1st Floor To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2052	* *	1-5	$13,500	
Sprinkler								
No Component	70%							
Generic	30%			2052	* *	1-2	$9,000	
Chemical System								
No Component	95%							
Generic	5%			2030	$30,200	1-3	$29,900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : New Kitchen Area								
Explanation : New Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 153 - BK**		
Address	: **1970 HOMECREST AVENUE @AVENUE T**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K153**
Program / Asset #	: **BOE0453.000 / 1352**	**Yr Built/Renovated**	: **1908 / 2008**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **7291** **Lot** : **30**	**BIN**	: **3196677**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$256,100	$80,000
Interior Architecture	$150,800	$56,100
Electrical		$346,000
Mechanical	$129,700	$1,211,100
Total	**$536,600**	**$1,693,200**
Importance Code A	$256,100	$80,000
Importance Code B	$184,300	$1,613,200
Importance Code C	$96,200	
Total	**$536,600**	**$1,693,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$44,000	$10,000	$2,500	$600
Electrical	$92,700	$1,800	$2,000	$35,800
Mechanical	$7,200	$7,700	$7,400	$7,100
Site Enclosure	$9,800			
Site Pavements	$29,900			
Total	**$183,600**	**$19,400**	**$11,900**	**$43,600**
Importance Code A	$5,300	$5,300	$5,300	$5,500
Importance Code B	$160,800	$14,100	$6,500	$38,100
Importance Code C	$17,500			
Total	**$183,600**	**$19,400**	**$11,900**	**$43,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BK

Asset # : 1352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$34,700	
Masonry: Brick	90%			LIFE	* *	5	$80,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Windows								
Aluminum	100%	Now	$205,700	2040	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,400	
Masonry: Brick	90%			LIFE	* *	5	$8,500	
Roof								
Built-Up (BUR)	100%			2037	* *	10	$50,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$21,800	
Ceramic Tile	5%			2041	* *	5	$5,000	
Vinyl Tile	80%			2037	* *	3	$29,900	
Vinyl Tile 9" X 9"	5%	Now	$44,000	2042	* *	3	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs, Storage Rooms And Staff Spaces								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Bulkhead Stairs, Storage Rooms And Staff Spaces								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	15%	Now	$96,200	2035	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Staircases And Bathrooms								
Masonry: Brick	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$26,200	
Ceilings								
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	90%	Now	$54,600	LIFE	* *	5	$56,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2052	* *			
Iron Picket	95%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$9,800	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Homecrest Avenue								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BK

Asset # : 1352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	85%	Now	$300	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Play Area								
Cast in Place Concrete	15%			2045	* *			
Parking/Driveway								
Asphalt	75%	Now	$9,000	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parking Lot								
Cast in Place Concrete	25%	Now	$8,200	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Driveway And Parking Lot								
Activity Yard								
Traffic Topping	100%	Now	$12,400	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2042	* *	5	$1,400	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	30%			2040	* *	5	$400	
Molded Case Bkrs	60%			2031	$83,800	5	$900	
Wiring								
Braided Cloth	20%	2-4	$39,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	30%			2042	* *	1		
Thermoplastic	50%			2032	$99,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BK

Asset # : 1352

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2037	* *	5	$300	
Locally Mounted	30%			2030	$21,500	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$800	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Led Lights								
Egress Lighting								
Emergency, Battery	20%			2037	* *	10	$2,600	
Emergency, Battery	30%			2032	$27,200	10	$3,900	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	10%			2032	$25,200	10		
HID	20%			2037	* *	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$30,400	1	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$41,800	2042	* *	1-3	$9,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BK

Asset # : 1352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$53,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2032	$432,400			
Terminal Devices								
Convector/Radiator	100%			2030	$441,600	1	$17,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2027	$61,400	1		
Window/Wall Unit	30%			2031	$61,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$1,500	
No Component	95%							
Exhaust Fans								
Wall Unit	5%			2032	$1,200	2	$100	
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2042	* *	1		
Galvanized Steel	40%			2030	$275,800	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$68,300	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$1,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$22,400	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 153 - BX**		
Address	: **650 BAYCHESTER AVENUE BTWN: BARTOW AVE., DONIZETTI PL.**		
Borough	: **BRONX**	**Agency's Number**	: **X153**
Program / Asset #	: **BOE0290.000 / 387**	**Yr Built/Renovated**	: **1971 / 2003**
Area Sq Ft	: **98,149**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-May-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5141** **Lot** : **150**	**BIN**	: **2097470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$886,800	$101,400
Interior Architecture	$137,300	$51,400
Electrical	$227,400	$887,100
Mechanical	$86,200	$3,437,100
Total	**$1,337,700**	**$4,477,000**
Importance Code A	$886,800	$101,400
Importance Code B	$385,900	$4,375,600
Importance Code C	$65,000	
Total	**$1,337,700**	**$4,477,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$35,500	$10,600		$2,800
Interior Architecture	$53,100	$3,400		$16,300
Electrical	$20,100	$1,200	$1,100	$700
Mechanical	$74,800	$27,200	$23,300	$12,600
Site Pavements				
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$187,500**	**$46,400**	**$28,300**	**$36,400**
Importance Code A	$35,500	$10,900		$2,800
Importance Code B	$152,000	$35,600	$28,300	$33,600
Importance Code C				
Total	**$187,500**	**$46,400**	**$28,300**	**$36,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$42,900	
Pre-Cast Concrete	40%			LIFE	* *	5	$101,400	
Slate Panels	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	30%			2052	* *	5	$5,600	
Aluminum	70%	0-2	$622,700	2055	* *	5	$6,500	
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Second And Third Floors								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Second And Third Floors								
Parapets								
Masonry: Brick	45%	0-2	$55,300	LIFE	* *	5	$4,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal Rail	10%			2035	* *	5-10	$17,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	45%	Now	$35,500	LIFE	* *	5	$27,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Parapet Cap								
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Throughout Parapet Cap								
Roof								
Built-Up (BUR)	70%	Now	$208,800	2035	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : At Mechanical Unit								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	30%			LIFE	* *			
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$40,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$22,500	
Ceramic Tile	3%	0-2	$12,400	2039	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Granite Panels	1%	2-4	$6,500	LIFE	* *	5	$1,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : First Floor Bathroom Door Threshold								
Vinyl Tile	89%	Now	$72,200	2035	* *	3	$49,000	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : First And Third Floors								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	20%			LIFE	* *	5	$21,400	
Recent Repair Evident, Extent : N/A, Area Affected : 1%								
Location : Basement								
Plaster	50%	0-2	$65,000	LIFE	* *	5	$40,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Basement Employee Locker Room								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$6,900	
AcousTileSusp.Lay-In	75%	Now	$34,200	2035	* *	5	$51,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Room 311 And 146								
Exposed Struc: Concrete	20%			LIFE	* *	5	$4,300	
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : First Floor Classroom								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2056	* *			
Iron Picket	90%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Pavers/Stone	5%			2039	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Northwest Sidewalk								
Parking/Driveway								
Asphalt	100%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	80%			2039	* *			
Rubber Matting	10%			2035	* *			
Traffic Topping	10%			2030	$22,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 6,000 And Two 2,500 Ampere Main Switches								
Transformers								
Dry Type	100%			2028	$26,700	5	$400	
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2046	* *	5	$500	
Molded Case Bkrs	65%			2029	$155,700	5	$1,700	
Molded Case Bkrs	10%			2046	* *	5	$300	
Molded Case Bkrs	5%	Now	$4,800	2038	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rooms 178, 180, 153 And 175								
Explanation : Receptacles Do Not Have Power								
Wiring								
Thermoplastic	90%			2030	$262,600	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$59,700	5	$300	
Locally Mounted	45%			2043	* *	5	$300	
Variable Frequency Drive	5%			2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Serves New Chillers								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$90,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%	0-2	$13,700	2025	$137,400			
Outdr Lights On During Daytime, Extent : Light, Area Affected : 100%								
Location : Roof Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Perimeter								
Explanation : Controlled Via Timer And Photocell								
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$36,800	1	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion Alarms Only								
Fire/Smoke Detection								
No Component	60%							
Under Construction	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Systems Stays In Trouble Status, Wires Are Shorted, Defective Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Hot Water Provided From Nearby Co-op City Housing Development								
Conversion Equipment								
Heat Exchanger, Shell & Tube	100%			2033	$418,700			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Two Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2046	* *	4	$4,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Air Handler	50%			2030	$923,500	1	$30,400	
Convector/Radiator	50%			2035	* *	1	$15,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$38,100	2030	$1,904,400	1	$54,600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Air System Is Not Properly Balanced								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$86,200	LIFE	* *	2-5	$54,700	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement And 1st Floor								
Explanation : Blockages								
Exhaust Fans								
Roof	100%			2030	$190,400	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$14,600	
Sanitary Piping								
Cast Iron	100%	Now	$24,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : First Floor Kitchen								
Explanation : Main Sink Drain Leaking								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								

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DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$49,500	
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 153 - M**				
Address	: **1750 AMSTERDAM AVENUE @ W. 146 STREET**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M153**	
Program / Asset #	: **BOE0093.000 / 1711**		**Yr Built/Renovated**	: **1975 / 1995**	
Area Sq Ft	: **135,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **05-Jan-2022**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2**				
Block	: **2078**	**Lot** : **19**	**BIN**	: **1081834**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$377,400	$2,402,800
Interior Architecture	$399,100	$4,861,700
Electrical		$1,910,900
Mechanical	$3,787,500	$5,234,500
Site Pavements		$420,200
Total	**$4,564,000**	**$14,830,000**
Importance Code A	$377,400	$2,755,800
Importance Code B	$4,052,900	$12,074,200
Importance Code C	$133,600	
Total	**$4,564,000**	**$14,830,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$87,200		$39,400	
Interior Architecture	$130,100		$5,000	$18,800
Electrical	$57,300	$22,000	$23,400	$26,000
Mechanical	$188,000	$56,800	$71,800	$78,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$470,500**	**$86,600**	**$147,500**	**$131,100**
Importance Code A	$131,800	$13,400	$52,800	$13,400
Importance Code B	$253,000	$73,300	$94,700	$117,700
Importance Code C	$85,600			
Total	**$470,500**	**$86,600**	**$147,500**	**$131,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	4+	$269,300	LIFE	* *	5	$163,500	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Chimney								
Metal Panel	10%			2043	* *	5-10	$124,900	
Windows								
Aluminum	100%			2041	* *	5	$57,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$65,700	
Masonry: Brick	80%			LIFE	* *	5-10	$126,700	
Metal: Cage/Fence	10%			2046	* *	5-10	$17,900	
Roof								
IRMA/Protected Membrane	70%	4+	$39,400	2033	$1,967,700			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Explanation : Exposed Insulation								
Metal Panel	5%			2038	* *	10	$10,900	
Plaza Roof: Stone Panels	5%			2043	* *			
Play Surface	20%			2033	$180,700	10	$23,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Annex Building								
Explanation : These Are Actually Safety Rubber Panels Or Pavers								
Soffits								
Stucco Cement	100%			2038	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%	4+	$17,000	LIFE	* *	5	$21,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Annex Basement								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Annex Grade Level								
Ceramic Tile	5%			2036	* *	5	$10,000	
Quarry Tile	5%			2038	* *	5	$15,000	
Sheet Vinyl/Rubber	5%	2-4	$13,100	2033	$655,400	5	$7,500	
Seams Open/Split, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Terrazzo	5%			LIFE	* *	5	$15,700	
Vinyl Tile	75%	4+	$83,000	2033	$4,151,100	3	$56,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$38,000	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Oil Tank Room And Boiler Room								
Concrete Masonry Unit	7%			LIFE	* *	5	$17,000	
Gypsum Board	20%			LIFE	* *	5-10	$103,300	
Masonry: Brick	3%			LIFE	* *	10	$2,700	
Metal Panel	10%			LIFE	* *	10	$13,700	
Plaster	40%			LIFE	* *	5-10	$103,300	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$22,800	
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$49,100	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Main Lobby								
AcousTileSusp.Lay-In	5%			2038	* *	5	$9,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : These Are Actually Tectum Ceiling Panels								
Gypsum Board	20%			LIFE	* *	5-10	$134,900	
Metal Panel	5%	4+	$6,500	LIFE	* *	5	$12,300	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	45%			LIFE	* *	5-10	$151,800	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2043	* *			
Exposed Struc: Steel	25%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : At Entry Of Building Addition Or Annex								
Explanation : Two Story Steel Gate Enclosure								
Iron Picket	50%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2043	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : At Entry To Building Addition Or Annex								
Explanation : Base Of Steel Gate Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Rubber Matting	100%			2033	$420,200			
Other Observation, Extent : N/A, Area Affected : 40%								
Location : Rear Of School								
Explanation : Repairs Evident Of Poured-in-place Rubber Safety Matting								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere, One 800 Ampere And One 2,500 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$600	
Raceway								
Conduit	70%			2043	* *	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$200	
Fused Disc Sw	5%			2032	$15,000	5	$200	
Molded Case Bkrs	10%			2041	* *	5	$400	
Molded Case Bkrs	80%			2032	$239,500	5	$2,800	
Wiring								
Thermoplastic	70%			2043	* *	1		
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$90,700	5	$500	
Motor Control Center	50%			2031	$363,500	5	$1,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$41,500	
Generators								
Diesel	100%			2036	* *	1	$52,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Kilowatt Capacity								

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DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%	Now	$2,500	2029	$2,500	5	$15,000	
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fuel Storage								
Day Tank	30%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallon Capacity								
Main Tank	70%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 7,500 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$99,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	20%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$90,600	10	$13,000	
Exit, Service	10%			2028	$5,800	1		
Exit, Battery	40%			2033	$76,500	10	$3,600	
Exterior Lighting								
HID	9%	Now	$28,300	2033	$56,700			
Sensor/Timer Malfunction, Extent : Light, Area Affected : 100%								
Location : Custodian Office								
Incandescent	1%			2028	$7,200	2		
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$253,400	1	$50,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$348,200	1-3	$85,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	70%			2038	* *	1	$93,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Steam Boiler	30%	Now	$35,300	2031	$353,000	1	$36,100	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Basement Boiler 1								
Distribution								
Steam Piping/Pump	100%			2033	$1,081,100			
Terminal Devices								
Convector/Radiator	80%			2038	* *	1	$34,900	
Fan Coil Unit/Heat	20%			2028	$669,400	1	$8,700	
Controls								
Pneumatic	100%			2027	$2,609,100			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%	Now	$79,700	2038	* *	1	$22,500	
Broken, Extent : Severe, Area Affected : 50%								
Location : Chiller 1 In The Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers And 1 In Annex								
Exterior Pkg Unit - Cooling	20%	0-2	$148,000	2033	$296,000	2	$1,300	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Lower Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Roof								
Explanation : On Extended Life								
Split Unit	2%			2033	$64,100			
Window/Wall Unit	10%	Now	$51,100	2033	$51,100	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : All Units								
No Component	28%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2043	* *	4	$2,700	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2033	$1,886,000	1	$83,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	40%	2-4	$178,400	2043	* *	2	$30,100	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : On Extended Life								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$119,200	
Exhaust Fans								
Interior	40%			2028	$239,500	2	$1,700	
Roof	60%			2028	$157,200	2	$2,500	
Noisy/Vibrating, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallons. Quantity 4								
HW Heat Exchanger								
Steam Fired	100%	2-4	$652,800	2063	* *	4	$13,300	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$34,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Annex Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$27,000	4	$4,300	
Sewage Ejector(s)								
Electric	100%	Now	$3,500	2033	$70,700	4	$5,400	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement Unit Float Switch								
Backflow Preventer								
Generic	100%			2033	$60,300	1	$8,300	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From Basement To Mezzanine								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$68,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairway								
Explanation : Dry System								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,900	
Chemical System								
Generic	100%			2028	$306,000	1-3	$303,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 75 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 153 - Q**		
Address	: **60-02 60 LANE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q153**
Program / Asset #	: **BOE0800.000 / 1525**	**Yr Built/Renovated**	: **1931 / 2002**
Area Sq Ft	: **137,879**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2732** **Lot** : **18**	**BIN**	: **4060987**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$260,400	$249,900
Interior Architecture	$405,300	$139,900
Electrical	$243,800	$203,700
Mechanical		$3,244,800
Site Pavements	$63,500	
Total	**$973,100**	**$3,838,400**
Importance Code A	$260,400	$421,500
Importance Code B	$652,900	$3,416,900
Importance Code C	$59,800	
Total	**$973,100**	**$3,838,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,900		$11,800	
Interior Architecture	$103,000	$3,100		$11,600
Electrical	$15,100	$14,000	$31,900	$15,500
Mechanical	$46,700	$20,100	$74,200	$22,600
Site Enclosure	$35,400			
Site Pavements	$30,600			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$268,500**	**$49,000**	**$129,800**	**$61,600**
Importance Code A	$38,000	$10,900	$23,000	$10,900
Importance Code B	$153,800	$38,100	$106,700	$50,700
Importance Code C	$76,800			
Total	**$268,500**	**$49,000**	**$129,800**	**$61,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$77,400	
Masonry: Brick	55%			LIFE	* *	5	$109,000	
Masonry: Brick	32%			LIFE	* *	5	$63,400	
Metal Panel	2%			2041	* *	5-10	$27,300	
Granite Panels	3%			LIFE	* *	5	$4,500	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Ground Floor								
Pre-Cast Concrete	3%			LIFE	* *	5	$19,300	
Windows								
Aluminum	100%	Now	$194,600	2039	* *	5	$20,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Ground Floor 1931 Wing								
Parapets								
Copper/Terne	10%			2066	* *	5	$8,800	
Masonry: Brick	50%	Now	$23,000	LIFE	* *	5	$9,100	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : 1931 Wing								
Masonry: Brick	30%			LIFE	* *	5	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet 2000 Wing								
Explanation : Roofing Material Turn Up Parapet								
Pre-Cast Concrete	10%	Now	$2,900	LIFE	* *	5	$11,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 1931 Wing								
Roof								
Built-Up (BUR)	65%	Now	$65,800	2036	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Roof Over 1931 Wing								
Copper/Terne	3%			2059	* *	10	$6,500	
Modified Bitumen	32%			2039	* *	10	$27,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,600	
Ceramic Tile	3%			2034	* *	5	$6,200	
Ceramic Tile	3%			2040	* *	5	$6,200	
Quarry Tile	5%			2044	* *	5	$15,500	
Terrazzo	2%			LIFE	* *	5	$3,200	
Vinyl Tile	45%	4+	$51,300	2036	* *	3	$34,800	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Transition From Old Wing To New Wing								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Library								
Uneven Substrate, Extent : Light, Area Affected : 5%								
Location : Library								
Wood	37%	4+	$227,700	2046	* *	5	$71,600	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Old Wing Classrooms								
Interior Walls								
Cast in Place Concrete	9%	4+	$25,100	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	9%			2044	* *	5	$15,700	
Concrete Masonry Unit	15%			LIFE	* *	5	$10,500	
Glass: Single Pane	5%			LIFE	* *	5	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell								
Explanation : Metal And Safety Glass Stair Separation								
Gypsum Board	9%			LIFE	* *	5	$9,400	
Masonry: Brick	9%	4+	$59,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Old Wing Stairwell								
Marble Panels	4%			LIFE	* *			
Plaster	31%	2-4	$26,300	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Old Wind Stair Bulkhead								
SGFT/Glazed Masonry	9%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	3%	4+	$5,100	2044	* *	5	$3,100	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : New Wing 3rd Floor Cafeteria								
AcousTileSusp.Lay-In	27%			2044	* *	5	$55,700	
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,200	
Gypsum Board	5%			LIFE	* *	5	$12,900	
Metal Panel	2%			LIFE	* *	5	$5,200	
Plaster	53%	0-2	$66,500	LIFE	* *	5	$68,400	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Room 305 And Offices								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Elevator								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$8,400	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Playground								
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Play Yard And Playground								
Iron Picket	50%	Now	$9,200	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 60th Road Near Play Yard								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : 60th Avenue 60th Lane And 60th Road								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$17,800	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Playground Stair, Play Yard Rear Wall And Along 60th Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$29,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 60th Avenue, 60th Street, And 60th Road								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : 60th Avenue								
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	90%	0-2	$63,500	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Play Yard And Playground								
Rubber Matting	10%	0-2	$800	2031	$41,700			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Playground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$600	
Raceway								
Conduit	30%			2031	$86,700	1		
Conduit	70%			2051	* *	1		
Panelboards								
Molded Case Bkrs	30%			2030	$89,800	5	$1,100	
Molded Case Bkrs	70%			2047	* *	5	$2,500	
Wiring								
Braided Cloth	30%	2-4	$119,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2044	* *	5	$500	
Locally Mounted	15%			2029	$27,200	5	$100	
Motor Control Center	30%			2044	* *	5	$1,100	
Variable Frequency Drive	5%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$42,400	
Generators								
Diesel	100%			2040	* *	1	$53,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$30,700	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 285 Gallons Rated Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$123,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, LED	10%			2059	* *	1		
Exit, Service	40%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$15,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$26,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2051	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : New Wing Basement								
Explanation : Hazard! There Is An Electrical Heater Inside The Gas Meter Room								
Interruptible Gas/Dual Fuel	60%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	8%	0-2	$1,700	2031	$34,300	1	$4,900	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Unit No.5, New Wing Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 14 Rooftop Package Units								
Furnace	32%			2031	$137,300	1	$21,800	
Steam Boiler	60%			2036	* *	1	$81,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	30%	0-2	$6,600	2041	* *			
Controller Not Working, Extent : Moderate, Area Affected : 60%								
Location : Thermostats, Various Locations								
Steam Piping/Pump	30%			2041	* *			
No Component	40%							
Terminal Devices								
Air Handler	15%			2036	* *	1	$12,800	
Fan Coil Unit/Heat	40%			2031	$1,367,400	1	$17,800	
Fan Coil Unit/Heat	5%	0-2	$8,500	2031	$170,900	1	$2,000	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Various Locations In Old Wing								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various Locations In Old Wing								
Explanation : Defective Temperature Control System Causing The Motors Running All The Time								
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	10%			2035	* *	2	$800	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Below Auditorium								
Ext Pkg Unit - Heating/Cooling	40%			2031	$926,600	2	$3,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 13 Rtus								
Window/Wall Unit	5%			2026	$26,100	1		
No Component	45%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,900	
Exhaust Fans								
Interior	70%			2036	* *	2	$3,000	
Roof	30%	0-2	$4,000	2031	$80,300	2	$1,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 2 Motors, Roof								
Noisy/Vibrating, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2029	$528,100	1		
Water Heater With Tanks								
Gas Fired	40%			2029	$6,800	2		
Gas Fired	60%			2031	$10,200	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	10%	0-2	$3,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up Into Boiler Room								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,400	
Backflow Preventer								
Generic	100%			2036	* *	1	$8,400	
Fixtures								
Generic	100%							
Leaking Connections, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Boys And Girls Bathroom Leaking To Ground Floor Room 174.								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : New Wing								
Explanation : No Access Spaces To Do Maintenance For All The Restroom Fixtures								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Ground To 4th Floor, 1 Unit From Ground To 3rd Floor, 1 Unit From Ground To 1st Floor								
Explanation : Three Units								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$72,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2051	* *	1-2	$11,600	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 154 - BK**		
Address	: **11 AVE AND WINDSOR PLACE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K154**
Program / Asset #	: **BOE0454.000 / 1353**	**Yr Built/Renovated**	: **1908 / 2006**
Area Sq Ft	: **44,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5257** **Lot** : **1**	**BIN**	: **3121871**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$233,500	$77,100
Interior Architecture	$501,700	$4,512,400
Electrical		$655,000
Mechanical	$60,000	$921,900
Site Pavements	$65,200	$120,600
Total	**$860,400**	**$6,287,000**
Importance Code A	$233,500	$77,100
Importance Code B	$626,900	$6,209,900
Total	**$860,400**	**$6,287,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,100		$26,700	
Interior Architecture	$142,400			$7,800
Electrical	$15,400	$3,300	$3,400	$4,700
Mechanical	$20,000	$6,500	$9,100	$5,800
Site Enclosure	$43,900			
Site Pavements	$77,500			
Total	**$388,300**	**$9,800**	**$39,300**	**$18,200**
Importance Code A	$93,500	$4,400	$31,100	$4,400
Importance Code B	$123,900	$5,400	$8,200	$13,900
Importance Code C	$171,000			
Total	**$388,300**	**$9,800**	**$39,300**	**$18,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$72,500	
Masonry: Brick	83%	2-4	$126,900	LIFE	* *	5	$77,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Masonry: Limestone	10%			LIFE	* *	5	$13,900	
Metal Panel	2%			2043	* *	5-10	$12,800	
Windows								
Aluminum	100%			2049	* *	5	$22,800	
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	$27,800	
Masonry: Limestone	60%			LIFE	* *	5-10	$118,900	
Metal Rail	15%			2046	* *	5-10	$44,000	
Roof								
Built-Up (BUR)	95%	Now	$10,800	2038	* *			
Split/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Along North Parapet								
Skylight, Plastic	5%			2046	* *	1		
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,000	
Ceramic Tile	3%	0-2	$6,200	2042	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Toilets								
Quarry Tile	2%			2038	* *	5	$2,200	
Vinyl Tile	50%	2-4	$50,500	2038	* *	3	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Uneven Substrate, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	35%	Now	$451,200	2028	$4,512,400	3	$9,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors And Stairs								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Corridors And Stairs								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$20,000	2036	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Toilets								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,900	
Gypsum Board	10%			LIFE	* *	5-10	$12,400	
Masonry: Brick	10%	Now	$27,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Electric Room								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Electric Room								
Plaster	65%	0-2	$23,000	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria And Stairs								
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$7,300	
Metal Panel	2%	0-2	$1,000	LIFE	* *	5	$1,800	
Loose/Miss Fasteners, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	88%	Now	$39,100	LIFE	* *	5	$40,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Toilets								
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$32,200	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gate Windsor Street								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Other Observation, Extent : Moderate, Area Affected : 35%								
Location : Play Yard								
Explanation : Vegetation Growth								
Iron Picket	25%	Now	$11,700	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gate 11th Avenue								
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Perimeter Fence								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$65,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Windsor Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$46,900	2046	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Exit 6 And 7 Vestibule								
Explanation : Water Penetration								
Activity Yard								
Asphalt	75%	0-2	$30,600	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : Southwest Corner								
Rubber Matting	25%			2033	$120,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$22,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$162,600	5	$200	
Raceway								
Conduit	100%			2033	$81,000	1		
Panelboards								
Fused Disc Sw	10%			2032	$14,000	5	$100	
Fused Knife Sw	2%	2-4	$2,800	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	88%			2032	$122,900	5	$1,000	
Wiring								
Braided Cloth	2%	2-4	$2,100	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	98%			2033	$103,400	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$39,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2028	$2,700	1		
Emergency, Battery	40%			2028	$29,500	10	$4,200	
Exit, Battery	50%			2028	$31,200	10	$1,500	
Exterior Lighting								
HID	20%			2028	$41,100	10		
LED	5%			2041	* *			
No Component	75%							
Alarm								
Security System								
No Component	50%							
Generic	50%			2028	$41,300	1	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System Only								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$113,500	1-3	$27,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 6,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$43,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2033	$352,300			
Terminal Devices								
Convector/Radiator	90%			2031	$323,800	1	$12,800	
Unit Heater - Steam	10%			2033	$25,000	4	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$60,000	2033	$100,000	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	20%			2031	$33,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,800	
Exhaust Fans								
Roof	20%			2041	* *	2	$300	
Wall Unit	10%			2033	$1,900	2	$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$112,300	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 120 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$8,800	4	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$30,400	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 154 - BX**				
Address	: **333 EAST 135 STREET @ALEXANDER AVE.**				
Borough	: **BRONX**		**Agency's Number**	: **X154**	
Program / Asset #	: **BOE0291.000 / 148**		**Yr Built/Renovated**	: **1962 / 2009**	
Area Sq Ft	: **88,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **26-Jan-2021**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **2298**	**Lot** : **1**	**BIN**	: **2097030**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$142,800	$2,851,600
Interior Architecture	$10,585,200	$82,900
Electrical	$461,100	$708,200
Mechanical	$590,900	$2,436,300
Site Pavements	$316,000	
Total	**$12,096,000**	**$6,079,100**
Importance Code A	$219,600	$3,618,600
Importance Code B	$11,650,000	$2,460,400
Importance Code C	$226,400	
Total	**$12,096,000**	**$6,079,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,500			$15,600
Interior Architecture	$83,700	$1,600	$3,200	$22,900
Electrical	$2,600	$2,400	$3,100	$46,700
Mechanical	$80,000	$15,800	$23,900	$25,800
Site Enclosure	$13,500			
Site Pavements	$14,400			
Total	**$213,800**	**$19,800**	**$30,200**	**$111,000**
Importance Code A	$19,500	$8,700	$8,700	$24,500
Importance Code B	$120,300	$11,100	$18,300	$86,500
Importance Code C	$74,000		$3,200	
Total	**$213,800**	**$19,800**	**$30,200**	**$111,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	3%			LIFE	* *	5	$1,000	
Masonry: Brick	95%			LIFE	* *	5	$51,600	
Painted Surfaces, Extent : Light, Area Affected : 25%								
Location : Base Of School Building								
Masonry: Granite	2%	Now	$17,100	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Door Surrounds								
Windows								
Aluminum	100%	Now	$86,800	2048	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 5%								
Location : Rooms 226 And 3rd Floor Classrooms								
Roof								
Copper/Terne	5%			2047	* *	10	$15,600	
IRMA/Protected Membrane	95%	Now	$56,000	2032	$2,800,000			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Fan Room And Room 343								
Soffits								
Cast in Place Concrete	100%	4+	$2,400	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Underside Of Ramp Platform On East 135th Street								
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : Underside Of Ramp Platform On East 135th Street								
Horizontal Cracks, Extent : Severe, Area Affected : 2%								
Location : Underside Of Ramp Platform								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$82,900	
Ceramic Tile	4%	Now	$57,000	2041	* *	5	$2,500	
Loose/Delam Surface, Extent : Severe, Area Affected : 2%								
Location : Mens Toilet Room 1st Floor								
Ceramic Tile	1%	Now	$28,500	2047	* *	5	$600	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	10%			2037	* *	3	$4,700	
Vinyl Tile 9" X 9"	45%	Now	$200,700	2027	$10,034,700	3	$21,300	
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Wood	5%	Now	$37,700	2047	* *	5	$5,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium And Auditorium Stage								
Split/Cracked, Extent : Light, Area Affected : 15%								
Location : Gymnasium And Auditorium Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$6,300	
Ceramic Tile	2%	Now	$138,800	2047	* *	5	$2,100	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Concrete Masonry Unit	15%			LIFE	* *	5	$12,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	45%	Now	$46,000	LIFE	* *	5	$28,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Custodian Office Room 142								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2037	* *	5	$31,600	
Exposed Struc: Concrete	65%			LIFE	* *	5	$12,800	
Metal Panel	5%	Now	$125,500	LIFE	* *	5	$7,900	
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Deformed/Dented, Extent : Severe, Area Affected : 80%								
Location : Kitchen And Cafeteria								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Kitchen And Cafeteria								
Plaster	10%			LIFE	* *	5	$7,900	
Site Enclosure								
Fence/Gates								
Chain Link	10%	Now	$2,700	2042	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 80%								
Location : Fence Guard On Roof								
Iron Picket	90%	4+	$10,800	2052	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : East 135th Street Entrance To Parking Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$228,400	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : East 135th Street And Alexander Avenue								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : East 135th Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$87,600	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Walkway Near Parking Area								
Parking/Driveway								
Asphalt	100%	Now	$14,400	2041	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Parking Area								

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DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	90%			2032	$181,600	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$19,200	5	$200	
Fused Disc Sw	2%			2048	* *	5		
Molded Case Bkrs	75%			2031	$179,600	5	$1,700	
Molded Case Bkrs	15%			2048	* *	5	$300	
Wiring								
Braided Cloth	80%	0-2	$233,400	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	86%			2037	* *	10	$69,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2037	* *	10	$8,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$10,600	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$82,100	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$33,000	1	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Exit Doors And Hallways								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$68,100	1-3	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Bell, Manual Pullbox And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2052	* *	5	$27,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$76,700	2030	$767,000	1	$78,400	
Cracked, Extent : Severe, Area Affected : 10%								
Location : Basement, Cracked Boiler Shell, Plate And Protective Ceramic Coating								
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Basement, Defective Insulation.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$247,500	2042	* *	4	$4,300	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Defective Thermostats In Almost All The Rooms								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Leaking Piping At Boiler Header, Laeaking Vacuum Pump.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2032	$331,200	1	$10,900	
Convector/Radiator	80%	Now	$28,800	2037	* *	1	$20,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Radiators At Third Floor And Second Floor And Auditorium								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : Steam Traps Not Working								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	Now	$13,300	2027	$266,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various. 3 Window/Wall Units Are Not Working								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,100	
Exhaust Fans								
Interior	20%	0-2	$7,800	2032	$78,100	2	$400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Exhaust Van Broken Bearing								
Roof	80%			2032	$136,600	2	$2,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2030	$1,123,400	1		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$8,700	
Sanitary Piping								
Cast Iron	100%	Now	$22,200	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Occasional Sewage Backups During Heavy Rain								
Storm Drain Piping								
Cast Iron	100%	Now	$6,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Submersible	100%			2025	$2,700	4	$2,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 154 - M**		
Address	: **250 WEST 127 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M154**
Program / Asset #	: **BOE0094.000 / 1646**	**Yr Built/Renovated**	: **1964 / 2010**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1932** **Lot** : **10**	**BIN**	: **1058671**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$132,500	$269,500
Interior Architecture	$446,200	$672,300
Electrical	$517,300	$786,000
Mechanical	$766,200	$699,200
Total	**$1,862,300**	**$2,427,000**
Importance Code A	$549,100	$269,500
Importance Code B	$1,313,200	$1,550,400
Importance Code C		$607,100
Total	**$1,862,300**	**$2,427,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$45,800		
Interior Architecture	$25,900	$8,600		$5,200
Electrical	$2,700	$2,500	$3,300	$62,000
Mechanical	$87,300	$24,200	$19,900	$55,100
Site Pavements	$8,500			
Total	**$124,400**	**$81,100**	**$23,100**	**$122,300**
Importance Code A		$53,700	$7,900	$8,100
Importance Code B	$115,900	$27,400	$15,300	$114,300
Importance Code C	$8,500			
Total	**$124,400**	**$81,100**	**$23,100**	**$122,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	$53,200	
Mosaic Tile	10%			2052	* *	10	$41,600	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Front Entrance And Lower Building On West 127th Street								
Explanation : Blue Mosaic Tile								
Pre-Cast Concrete	50%			LIFE	* *	5	$216,300	
Windows								
Aluminum	100%			2048	* *	5	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : North And South Facade Taller Building								
Explanation : Windows Have Metal Cage Protection								
Parapets								
Masonry: Brick	30%			LIFE	* *	5	$5,100	
Masonry: Brick	5%	Now	$53,500	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : On North Facade Lower Building Broken Cement Copping								
Metal: Cage/Fence	60%			2045	* *	5-10	$78,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,300	
Roof								
Built-Up (BUR)	100%			2037	* *	10	$79,000	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$65,200	
Ceramic Tile	5%	0-2	$6,700	2035	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Boys Bathroom First Floor								
Sheet Vinyl/Rubber	2%	Now	$78,000	2042	* *	5	$1,800	
Adhesion Failure, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Auditorium								
Terrazzo	8%			LIFE	* *	5	$7,500	
Vinyl Tile	20%			2040	* *	3	$8,900	
Vinyl Tile 9" X 9"	35%	Now	$368,200	2042	* *	3	$15,600	
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : 2nd Floor And 3rd Floor Classrooms								
Wood	5%			2060	* *	5	$11,200	
Interior Walls								
Ceramic Tile	5%			2028	$607,100	5	$11,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$13,200	
Mosaic Tile	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$23,200	
SGFT/Glazed Masonry	40%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$19,200	2037	* *	5	$14,900	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Corridor								
Exposed Struc: Concrete	30%			LIFE	* *	5	$5,600	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	10%			LIFE	* *	5	$14,900	
Plaster	35%			LIFE	* *	5	$26,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	75%	Now	$8,500	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Sidewalk Way								
Masonry: Granite	25%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	90%			2041	* *			
Pavers/Stone	10%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2032	$31,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2052	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Two 600 Ampere And Eleven 30 Ampere Direct Current Photovoltaic Disconnect Switches								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$19,200	5	$200	
Fused Disc Sw	2%			2048	* *	5		
Molded Case Bkrs	85%			2031	$203,600	5	$2,000	
Molded Case Bkrs	5%			2048	* *	5	$100	
Wiring								
Braided Cloth	80%	2-4	$233,400	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1st, 2nd And 3rd Floor								
Thermoplastic	15%			2032	$43,800	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$70,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, 1st, 2nd And 3rd Floor								
Explanation : T-8 Lamps								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	45%			2027	$60,200	10	$8,700	
Emergency, Battery	5%			2037	* *	10	$1,000	
Exit, Service	45%			2027	$15,500	1		
Exit, Service	5%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$84,000	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$33,800	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Some Offices								
Explanation : Intrusion Alarm And Motion Sensor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$69,600	1-3	$17,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Bell, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$185,200	5	$24,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	0-2	$416,500	2052	* *	1	$71,000	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Boiler Room. No. 2 Boiler Fusible Link Is Defective.								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement. No. 2 Boiler Runs Continously On High Fire.								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 2 Boilers In Basement								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$44,800	2042	* *	4	$3,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Condensate Return Piping From Header, Leaking Oil From Oil Booster Pump Due To Broken Gasket								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Condensate Pump								
Obsolete Equipment, Extent : Severe, Area Affected : 15%								
Location : Condensate Pump								
Terminal Devices								
Air Handler	20%			2032	$299,800	1	$9,900	
Convector/Radiator	80%			2037	* *	1	$20,600	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Window/Wall Unit	70%			2027	$211,200	1		
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$55,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : Air Cooled Condenser Unit From The Split Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,400	
Exhaust Fans								
Interior	30%	Now	$5,300	2032	$106,000	2	$600	
Broken, Extent : Severe, Area Affected : 5%								
Location : Gymnasium. Broken Diffuser Grid. Safety Concern. Possibillity Of Falling Down.								
Roof	70%			2032	$108,200	2	$1,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$20,300	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Pipe Connects To Water Main Valve								
Water Heater With Tanks								
Oil Fired	100%	Now	$1,800	2027	$88,300	1		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Malfunctioning Water Heater. Condensate Return Provides Domestic Hot Hater. Not Energy Efficient								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : One No.4 Boiler Heat The Water.								
Sanitary Piping								
Cast Iron	100%	Now	$50,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various. Corroded And Leaking Bathroom Drain Piping								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$7,200	2032	$18,000	4	$1,900	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement. Sump Pump Not Working								
Backflow Preventer								
Generic	100%			2032	$35,600	1	$4,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2030	$8,200	1-3	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul 102 - Wet System								
No Component	70%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 154 - Q**
Address : **75-02 162 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0801.000 / 1526**
Area Sq Ft : **76,000**
Date of Survey : **29-Oct-2020**
Areas Surveyed : **Basement, Floors 1,2,3**
Block : **6834** **Lot** : **1**

Agency's Number : **Q154**
Yr Built/Renovated : **1930 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4148003**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$253,200	$63,800
Interior Architecture	$3,174,200	
Electrical	$281,600	$928,500
Mechanical	$741,500	$508,800
Total	**$4,450,600**	**$1,501,100**
Importance Code A	$253,200	$63,800
Importance Code B	$4,197,400	$1,437,200
Total	**$4,450,600**	**$1,501,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$2,700		$3,100
Interior Architecture	$30,700	$9,800		$1,800
Electrical	$46,800	$2,500	$2,600	$101,600
Mechanical	$25,600	$11,000	$17,000	$28,100
Site Enclosure	$27,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$134,200**	**$29,900**	**$23,500**	**$138,500**
Importance Code A	$7,500	$10,200	$7,500	$10,800
Importance Code B	$85,200	$18,300	$16,000	$127,800
Importance Code C	$41,400	$1,500		
Total	**$134,200**	**$29,900**	**$23,500**	**$138,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$63,800	
Masonry: Limestone	10%	0-2	$177,400	LIFE	* *	5	$5,600	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Stone Cornice								
Metal Panel	5%			2058	* *	5-10	$25,800	
Windows								
Aluminum	50%			2040	* *	5	$5,300	
Aluminum	50%	Now	$75,800	2048	* *	5	$2,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Older Wing, Cafeteria								
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Older Wing And New Wing Auditorium, Gymnasium								
Parapets								
Masonry: Limestone	5%			LIFE	* *	5	$500	
Not Accessible	95%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Rain Not Accessible								
Roof								
Copper/Terne	3%			2060	* *	10	$4,600	
Copper/Terne	2%			2047	* *	10	$3,100	
Modified Bitumen	25%			2040	* *	10	$15,300	
Not Accessible	70%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Rain Not Accessible								
Soffits								
Cast in Place Concrete	95%			LIFE	* *	5	$12,800	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Exterior Soffit								
Metal Panel	5%			2058	* *	5-10	$900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$24,300	
Ceramic Tile	5%			2045	* *	5	$5,500	
Terrazzo	2%			LIFE	* *	5	$1,700	
Vinyl Tile	40%			2037	* *	3	$16,600	
Vinyl Tile 9" X 9"	13%			2027	$2,544,400	3	$7,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1955 Wing								
Explanation : 9x9 Vinyl Tiles								
Wood	30%	0-2	$396,900	2047	* *	5	$31,200	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	3%			2035	* *	5	$2,900	
Concrete Masonry Unit	15%			LIFE	* *	5	$5,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	30%	0-2	$14,200	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Fornt Entry Floyer								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	18%	0-2	$64,200	2037	* *	5	$10,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Auditorium And Cafeteria Area								
Exposed Struc: Concrete	30%			LIFE	* *	5	$5,200	
Metal Panel	2%	0-2	$14,700	LIFE	* *	5	$2,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Loose Units, Extent : Severe, Area Affected : 30%								
Location : Kitchen								
Plaster	50%	0-2	$168,600	LIFE	* *	5	$34,700	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Stairwells								
Site Enclosure								
Fence/Gates								
Chain Link	2%	0-2	$300	2042	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Rear Fence								
Iron Picket	98%	0-2	$27,000	2067	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Front Iron Fence								
Free Standing Walls								
Cast in Place Concrete	100%			2076	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2045	* *			
Masonry: Granite	20%			LIFE	* *			
Activity Yard								
Asphalt	20%			2045	* *			
Cast in Place Concrete	75%			2045	* *			
Rubber Matting	5%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Fused Knife Sw	5%	0-2	$9,000	2057	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Old Wings								
Fused Toggle Switch	20%	2-4	$35,900	2057	* *	5	$200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Old Wings								
Molded Case Bkrs	65%			2031	$116,800	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$159,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	30%			2032	$339,900	10	$20,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2037	* *	10	$2,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Fluorescent	66%			2037	* *	10	$46,000	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	10%			2032	$12,800	10	$1,800	
Emergency, Battery	40%			2027	$51,000	10	$7,300	
Exit, Service	5%			2032	$1,600	1		
Exit, Service	45%			2027	$14,700	1		
Exterior Lighting								
HID	20%			2027	$70,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$28,500	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Gymnasium, Auditorium And Basement								
Explanation : Strobes, Bell, Horn, Smoke Detector, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement								
Explanation : One Tank 6000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$75,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room, Tubes Of Both Boilers Is Recently Replaced.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$12,200	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Basement, The Condensate Return Pump Is Leaking.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2027	$429,100	1	$14,100	
On Extended Life, Extent : Light, Area Affected : 20%								
Location : Throughout The Building Has Original Interior Ventilation System								
Convector/Radiator	70%			2030	$435,000	1	$17,200	
On Extended Life, Extent : Light, Area Affected : 60%								
Location : Seventy Percentage Of All Radiators Are Original With The Building								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2027	$144,000	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	50%			2027	$168,500	2	$1,200	
Roof	50%			2032	$73,700	2	$1,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Drainage Backs Up In The Basement Has Repaired.								
Sump Pump(s)								
Non-Submersible	100%			2032	$15,200	4	$2,400	
Sewage Ejector(s)								
Electric	100%			2032	$39,800	4	$4,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2032	$3,400	1	$500	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Basement								
Explanation : Backflow Preventor Is Boiler Make Up Line Only.								
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Hydraulic Unit Run From Basement To 3rd Floor								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 155 - BK**		
Address	: **1355 HERKIMER STREET @EASTERN PKWY.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K155**
Program / Asset #	: **BOE0455.000 / 1354**	**Yr Built/Renovated**	: **1908 / 2003**
Area Sq Ft	: **68,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1552** **Lot** : **43**	**BIN**	: **3042263**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$908,900	$150,200
Interior Architecture	$4,431,900	$2,518,200
Electrical	$249,400	$856,400
Mechanical	$411,300	$684,900
Site Enclosure	$176,900	
Total	**$6,178,300**	**$4,209,700**
Importance Code A	$1,027,400	$150,200
Importance Code B	$2,648,900	$3,996,700
Importance Code C	$2,502,000	$62,700
Total	**$6,178,300**	**$4,209,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$40,300			$31,700
Interior Architecture	$73,500			$10,200
Electrical	$30,600	$2,100	$2,700	$161,300
Mechanical	$85,800	$48,800	$17,500	$12,200
Total	**$230,200**	**$51,000**	**$20,200**	**$215,400**
Importance Code A	$40,300	$6,700	$6,700	$38,600
Importance Code B	$189,900	$44,200	$13,500	$176,800
Importance Code C				
Total	**$230,200**	**$51,000**	**$20,200**	**$215,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$195,100	LIFE	* *	5	$76,600	
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Front And Side Facade Cast Stone Cornice Tooth Band								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Exterior Perimeter								
Explanation : Sidewalk Shad Installed								
Masonry: Brick	75%			LIFE	* *	5	$73,600	
Masonry: Limestone	15%	0-2	$347,600	LIFE	* *	5	$11,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Windows								
Aluminum	100%	Now	$366,100	2040	* *	5	$6,400	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	3%	Now	$38,700	LIFE	* *	5	$2,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Front Coping Stones Facing Herkimer Street								
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Metal Flushing At Coping Stones								
Masonry: Brick	95%			LIFE	* *	5	$9,000	
Pre-Cast Concrete	2%	0-2	$1,500	LIFE	* *	5	$1,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Roof								
Built-Up (BUR)	100%			2037	* *	10	$31,700	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5	$16,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
Cast in Place Concrete	7%	Now	$54,100	LIFE		* *	5	$13,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%									
Location : Sub-basement									
Water Penetration, Extent : Moderate, Area Affected : 30%									
Location : Sub-basement									
Ceramic Tile	3%	Now	$61,400	2047		* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Toilets And Kitchen Area									
Loose/Delam Surface, Extent : Severe, Area Affected : 50%									
Location : Bathrooms Throughout									
Vinyl Tile	75%	Now	$564,400	2042		* *	3	$25,500	
Adhesion Failure, Extent : Light, Area Affected : 10%									
Location : Throughout									
Loose/Delam Surface, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Vinyl Tile 9" X 9"	15%	Now	$48,100	2032	$2,404,100		3	$5,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Interior Walls									
Ceramic Tile	3%	Now	$238,000	2047		* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 40%									
Location : Throughout									
Masonry: Brick	10%	Now	$228,900	LIFE		* *			
Efflorescence, Extent : Moderate, Area Affected : 20%									
Location : Sub-basement									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Boiler Room									
Plaster	87%	Now	$2,035,100	LIFE		* *	5	$62,700	
Broken/Missing Elements, Extent : Light, Area Affected : 40%									
Location : Throughout									
Cracking/Crumbling, Extent : Light, Area Affected : 40%									
Location : Throughout									
Paint Peeling, Extent : Severe, Area Affected : 40%									
Location : Throughout Classrooms And Bathrooms									
Ceilings									
Exposed Struc: Concrete	2%	4+	$25,400	LIFE		* *	5	$300	
Other Observation, Extent : Severe, Area Affected : 80%									
Location : Basement Boiler Room									
Explanation : Metal Form Work Is Rusting And Falling Off									
Metal Panel	1%			LIFE		* *	5	$1,100	
Plaster	97%	Now	$1,249,900	LIFE		* *	5	$51,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%									
Location : Throughout Classrooms, Bathrooms And Cafeteria									
Cracking/Crumbling, Extent : Light, Area Affected : 20%									
Location : Lunch Room And Throughout									

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	5%			2042	* *			
Iron Picket	95%			2052	* *			
Retaining Walls								
Cast in Place Concrete	2%			2067	* *			
Masonry: Fieldstone	98%	0-2	$176,900	2052	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Rear Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	98%			2041	* *			
Rubber Matting	2%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Fused Toggle Switch	10%	2-4	$18,000	2057	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement And 1st floor								
Molded Case Bkrs	75%			2031	$134,700	5	$1,300	
Molded Case Bkrs	5%			2048	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2032	$59,900	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	80%			2037	* *	10	$49,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2032	$202,700	10	$12,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2027	$57,100	10	$8,200	
Exit, Service	50%			2027	$14,700	1		
Exterior Lighting								
HID	15%			2027	$47,600	10		
LED	5%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$38,300	1	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$52,600	1-3	$13,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$118,500	2052	* *	1	$60,600	
Insul. Deteriorating, Extent : Severe, Area Affected : 10%								
Location : Sub-basement								
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2052	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building. Recently Installed Stream Traps								
Terminal Devices								
Convector/Radiator	100%			2030	$556,100	1	$22,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : All Radiators Are Original With Building								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	Now	$51,500	2030	$128,800	1		
Broken, Extent : Severe, Area Affected : 30%								
Location : Throughout The Building, Except Library Has Recently Replaced Window Air Conditioning								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,900	
Exhaust Fans								
Interior	80%			2027	$241,300	2	$1,700	
On Extended Life, Extent : Light, Area Affected : 80%								
Location : The Building Has Original Gravity Exhaust								
Roof	20%	Now	$13,200	2042	* *	2	$300	
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof, One Roof Exhaust Fans Is Operating With Malfunction, Bearing Fail								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	0-2	$42,800	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$24,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : At Side Yard, Basement When It Rains Hard								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	50%			2032	$6,800	4	$1,100	
Submersible	50%			2025	$1,000	4	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2037	* *	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Building Has Three Water Lines, Two For Domestic And One For Sprinkler Line.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2052	* *	1-2	$4,800	
Chemical System								
No Component	90%							
Generic	10%			2025	$32,600	1-3	$29,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 155 - M**		
Address	: **319 EAST 117 STREET @ 2ND AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M155**
Program / Asset #	: **BOE0095.000 / 1647**	**Yr Built/Renovated**	: **1961 / 2011**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1689** **Lot** : **5**	**BIN**	: **1052986**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$334,400	$2,105,000
Interior Architecture	$14,387,900	$103,200
Electrical	$483,900	$730,300
Mechanical	$465,000	$2,683,600
Total	**$15,671,200**	**$5,622,200**
Importance Code A	$334,400	$2,863,300
Importance Code B	$15,271,500	$2,758,900
Importance Code C	$65,200	
Total	**$15,671,200**	**$5,622,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$19,300	
Interior Architecture	$74,700	$7,200	$29,700	$3,400
Electrical	$1,600	$2,000	$31,600	$1,400
Mechanical	$129,900	$12,100	$95,200	$16,400
Site Pavements	$37,000			
Total	**$243,200**	**$21,300**	**$175,900**	**$21,200**
Importance Code A	$37,900	$8,600	$28,100	$8,600
Importance Code B	$173,800	$7,500	$147,800	$12,600
Importance Code C	$31,400	$5,200		
Total	**$243,200**	**$21,300**	**$175,900**	**$21,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$23,600	
Masonry: Brick	85%			LIFE	* *	5	$42,700	
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Windows								
Aluminum	100%	Now	$229,200	2047	* *	5	$12,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$4,700	
Metal Panel	20%			2041	* *	5	$4,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,000	
Roof								
Copper/Terne	3%			2059	* *	10	$6,900	
IRMA/Protected Membrane	97%	Now	$105,300	2031	$2,105,000			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Lower Auditorium Roof								
Soffits								
Stucco Cement	100%			2036	* *	5	$33,800	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$23,000	LIFE	* *	5	$29,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Pit								
Ceramic Tile	3%			2040	* *	5	$4,100	
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	20%			2036	* *	3	$13,500	
Vinyl Tile 9" X 9"	60%			2026	$14,322,700	3	$30,400	
Wood	5%			2046	* *	5	$12,700	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$10,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,100	
Plaster	65%	Now	$65,200	LIFE	* *	5	$40,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Boiler Pit Walls								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Boiler Pit Walls								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2036	* *	5	$26,500	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,100	
Fiber Board	5%			2031	$103,200			
Metal Panel	5%			LIFE	* *	5	$8,300	
Plaster	60%	Now	$48,300	LIFE	* *	5	$49,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Rear Stair At Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Rear Stair At Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2041	* *			
Iron Picket	35%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%	Now	$31,400	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : West Side Of Building								
Potholes, Extent : Moderate, Area Affected : 2%								
Location : West Side Of Building								
Activity Yard								
Asphalt	80%	Now	$5,500	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : North Side Of Building								
Rubber Matting	20%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$227,600	5	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	80%			2030	$191,600	5	$1,800	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$175,000	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	92%			2036	* *	10	$73,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	8%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : Fixtures Installed In 2018								
Egress Lighting								
Emergency, Battery	50%			2026	$73,000	10	$10,500	
Exit, Service	50%			2026	$18,800	1		
Exterior Lighting								
HID	25%			2026	$101,500	10	$100	
HID	15%	Now	$60,900	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior Fixtures Are Not Operational.								
No Component	60%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$11,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$202,300	5	$27,000	
Conversion Equipment								
Steam Boiler	100%	Now	$37,900	2029	$758,300	1	$77,500	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Fuel Feeding System								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units. Underground Stream Affecting Boiler Foundation								
Distribution								
Steam Piping/Pump	100%	Now	$34,800	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump. Basement								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats, Various Areas								
Terminal Devices								
Air Handler	20%	0-2	$6,500	2031	$327,400	1	$9,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Air Handler Louvers								
Convector/Radiator	80%	2-4	$11,400	2036	* *	1	$20,200	
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Radiator Valves Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Defective Climate Control								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2026	$263,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$19,400	
No Component	60%							
Exhaust Fans								
Interior	15%			2026	$57,900	2	$400	
Roof	85%			2026	$143,500	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2041	* *	1		
Galvanized Steel	75%	4+	$16,700	2029	$833,000	1		
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Main Water Service. Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	100%			2029	$141,900	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 80-gallon Units For Kitchen								
HW Heat Exchanger								
Steam Fired	100%			2031	$420,700	4	$8,600	
Sanitary Piping								
Cast Iron	100%	0-2	$21,900	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Explanation : Grease Trap Backs Up								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$17,400	4	$1,800	
Sewage Ejector(s)								
Electric	100%			2026	$45,600	4	$3,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$36,100	1-2	$700	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 155 - Q**		
Address	: **130-02 115 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q155**
Program / Asset #	: **BOE0802.000 / 2852**	**Yr Built/Renovated**	: **1931 / 2001**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **11673** **Lot** : **1**	**BIN**	: **4252357**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$709,900	$362,900
Interior Architecture	$467,300	
Electrical	$139,700	$858,600
Mechanical	$53,700	$2,046,100
Total	**$1,370,600**	**$3,267,600**
Importance Code A	$709,900	$362,900
Importance Code B	$522,700	$2,904,700
Importance Code C	$138,000	
Total	**$1,370,600**	**$3,267,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$137,900			
Interior Architecture	$143,500	$500		$6,400
Electrical	$8,600	$6,300	$6,700	$8,200
Mechanical	$79,300	$9,400	$15,000	$9,400
Site Enclosure	$5,500			
Site Pavements	$4,200			
Total	**$378,900**	**$16,200**	**$21,600**	**$24,000**
Importance Code A	$144,500	$6,600	$6,600	$6,600
Importance Code B	$185,900	$9,500	$15,000	$17,300
Importance Code C	$48,500			
Total	**$378,900**	**$16,200**	**$21,600**	**$24,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$69,400	
Masonry: Brick	90%	Now	$658,500	LIFE	* *	5	$80,000	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Corners Of Building And Chimney								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Gymnasium								
Masonry: Granite	5%			LIFE	* *	5	$6,700	
Windows								
Aluminum	100%	Now	$51,400	2049	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$27,000	
Cast Stone/Terra Cotta	5%	Now	$4,300	LIFE	* *	5	$3,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Over Gymnasium								
Copper/Terne	5%	Now	$3,600	2053	* *	5	$1,100	
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Coping								
Masonry: Brick	80%			LIFE	* *	5-10	$52,000	
Roof								
Built-Up (BUR)	95%	Now	$27,900	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Corridors And Classrooms								
Copper/Terne	3%			2048	* *	10	$3,800	
Skylight, Metal/Glass	2%			2033	$283,000	10	$3,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,600	
Mosaic Tile	3%	Now	$56,100	2046	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd And 4th Floor Toilets And Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : 3rd And 4th Floor Toilets And Kitchen								
Terrazzo	2%	0-2	$9,300	LIFE	* *	5	$1,600	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor								
Vinyl Tile	45%	Now	$62,000	2038	* *	3	$16,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Classrooms Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	6%	Now	$211,200	2043	* *	3	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms And Offices								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vinyl Tile 9" X 9"	4%			2043	* *	3	$1,500	
Wood	30%			2048	* *	5	$56,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$22,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	2%	Now	$6,400	2042	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd And 4th Floor Toilets And Kitchen								
Glass: Single Pane	2%			LIFE	* *	5	$3,500	
Masonry: Brick	10%			LIFE	* *	10	$3,500	
Marble Panels	5%	Now	$51,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby And Auditorium								
Plaster	61%	Now	$86,500	LIFE	* *	5	$21,300	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Gymnasium And Classrooms								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$8,700	
Ceilings								
AcousTileSusp.Lay-In	2%			2038	* *	5	$2,000	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$24,900	
Metal Panel	1%			LIFE	* *	5	$2,500	
Plaster	77%	Now	$46,700	LIFE	* *	5	$48,000	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Gymnasium And Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%	0-2	$5,500	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Fence								
Explanation : Sidewalk Shed And Screen Installed								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Shed Installed								
On-Site Walkways								
Cast in Place Concrete	80%			2046	* *			
Masonry: Granite	20%	0-2	$400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Steps								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	30%	0-2	$3,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	20%			2038	* *			
Under Construction	50%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	$136,500	5	$200	
Molded Case Bkrs	30%			2043	* *	5	$500	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	20%			2041	* *	5	$400	
Molded Case Bkrs	70%			2032	$125,700	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	$20,000	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$60,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2033	$20,600	1		
Exit, Service	50%			2033	$14,400	1		
Exterior Lighting								
HID	30%			2028	$93,800	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$25,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$172,800	1-3	$42,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$20,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$66,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$53,700	2033	$536,500			
Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Supply Line And Vacuum Pump In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Various Locations								
Terminal Devices								
Air Handler	25%	0-2	$15,800	2028	$315,200	1	$9,300	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : The Unit For Cafeteria, Due To Repair Parts Are Out Of Market.								
Convector/Radiator	45%	Now	$12,300	2031	$246,500	1	$8,800	
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : Control Valves, Various Locations								
Fan Coil Unit/Heat	30%			2028	$498,300	1	$6,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2028	$101,500	1		
Window/Wall Unit	20%	0-2	$20,300	2033	$50,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,200	
Exhaust Fans								
Interior	100%			2028	$297,200	2	$2,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 100 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$1,300	2028	$13,400	4	$1,400	
Broken, Extent : Severe, Area Affected : 10%								
Location : The Piping								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$46,300	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 156 - Q**		
Address	: **229-02 137 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q156**
Program / Asset #	: **BOE0803.000 / 191**	**Yr Built/Renovated**	: **1931 / 2012**
Area Sq Ft	: **87,371**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **13170** **Lot** : **12**	**BIN**	: **4283015**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$961,100	$165,100
Interior Architecture	$2,582,900	$5,014,500
Electrical	$204,200	$994,400
Mechanical		$2,718,800
Total	**$3,748,200**	**$8,892,900**
Importance Code A	$961,100	$165,100
Importance Code B	$2,095,700	$8,677,600
Importance Code C	$691,500	$50,100
Total	**$3,748,200**	**$8,892,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,500			
Interior Architecture	$129,700		$7,400	$9,000
Electrical	$27,800	$8,200	$10,100	$9,000
Mechanical	$102,300	$13,300	$19,500	$12,400
Site Pavements	$3,000			
Total	**$301,200**	**$21,500**	**$37,100**	**$30,400**
Importance Code A	$47,200	$8,700	$8,700	$8,700
Importance Code B	$231,600	$12,800	$21,500	$21,800
Importance Code C	$22,400		$7,000	
Total	**$301,200**	**$21,500**	**$37,100**	**$30,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$783,800	LIFE	* *	5	$95,200	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Masonry: Limestone	5%			LIFE	* *	5	$7,900	
Masonry: Limestone	5%			LIFE	* *	5	$7,900	
Windows								
Aluminum	100%			2049	* *	5	$44,200	
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5-10	$138,300	
Metal Rail	20%			2046	* *	5-10	$97,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$17,000	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$69,900	
Copper/Terne	3%			2061	* *	10	$5,500	
Modified Bitumen	2%			2041	* *	10	$1,500	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : Lower Roof Over Stairs And Locker Rooms								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,600	
Ceramic Tile	3%	Now	$22,100	2042	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floor Toilet Rooms								
Quarry Tile	2%	Now	$38,500	2046	* *	5	$2,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$4,100	
Traffic Topping	20%	Now	$1,248,100	2043	* *	5	$16,300	
Split/Cracked, Extent : Severe, Area Affected : 15%								
Location : 1st Floor Multipurpose Area, Corridors								
Wrinkling, Extent : Severe, Area Affected : 30%								
Location : 1st Floor Multipurpose Area, Corridors								
Vinyl Tile	40%			2033	$1,445,100	3	$26,200	
Vinyl Tile	3%			2041	* *	3	$1,500	
Vinyl Tile 9" X 9"	15%	4+	$346,200	2033	$3,462,100	3	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooms 321, 325a, 364, Hallway, 322 A, B, C. Stair 10 And 11, 217, 221								
Wood	10%			2048	* *	5	$24,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$69,600	
Ceramic Tile	5%			2036	* *	5	$13,900	
Masonry: Brick	10%	4+	$530,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Marble Panels	5%			LIFE	* *	10	$5,600	
Plaster	60%			LIFE	* *	5-10	$141,900	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$13,900	
Ceilings								
AcousTile,Adhered	5%	Now	$196,800	2053	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Basement Lunchroom								
Vandalism, Extent : Severe, Area Affected : 100%								
Location : Basement Lunchroom								
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$30,600	
Plaster	75%			LIFE	* *	5-10	$157,700	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	50%			2042	* *			
Cast in Place Concrete	20%	Now	$3,000	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stair Access Walkways On 137th Avenue								
Masonry: Granite	30%			LIFE	* *			
Activity Yard								
Asphalt	45%			2042	* *			
Rubber Matting	5%			2038	* *			
Under Construction	50%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2033	$4,500	5		
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	$159,300	5	$300	
Fused Disc Sw	30%			2053	* *	5	$100	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Knife Sw	4%	2-4	$9,600	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	66%			2032	$158,100	5	$1,500	
Molded Case Bkrs	20%			2049	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	20%			2033	$58,300	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$500	
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$76,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	40%			2028	$58,700	10	$8,400	
Emergency, Battery	10%			2038	* *	10	$2,100	
Exit, Service	50%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%			2028	$122,300	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$16,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$82,000	1	$16,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$53,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights. Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$86,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	Now	$10,500	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Condensate Return Piping And Steam Valve Leaking In Boiler Room And Fan Room								
Steam Piping/Pump	95%			2033	$664,700			
Terminal Devices								
Air Handler	30%			2028	$493,300	1	$16,200	
Convector/Radiator	50%			2031	$357,200	1	$14,100	
Fan Coil Unit/Heat	20%			2028	$433,200	1	$5,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	15%	0-2	$49,600	2033	$49,600	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 1 Unit In Room 124 Is Not Working.								
Window/Wall Unit	45%			2028	$148,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,100	
Exhaust Fans								
Interior	90%			2028	$348,800	2	$2,400	
Roof	10%			2033	$17,000	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$223,100	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$17,500	4	$2,800	
Sewage Ejector(s)								
Electric	100%	0-2	$900	2033	$45,700	4	$3,500	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : The Automatic Starter, Basement.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$36,200	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 156/I. S. 392 - BK**		
Address	: **104 SUTTER AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K356**
Program / Asset #	: **BOE1023.000 / 13465**	**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **148,693**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **3535** **Lot** : **16**	**BIN**	: **3081276**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$236,300	$183,100
Interior Architecture	$322,900	$83,500
Electrical		$2,305,900
Mechanical	$211,400	$8,829,700
Total	**$770,600**	**$11,402,100**
Importance Code A	$236,300	$183,100
Importance Code B	$534,300	$11,219,000
Total	**$770,600**	**$11,402,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,100	$57,100	$22,600	
Interior Architecture	$87,900	$2,800	$20,900	$5,600
Electrical	$61,600	$24,900	$28,900	$24,200
Mechanical	$110,600	$77,500	$101,300	$53,600
Site Enclosure	$37,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$318,200**	**$170,200**	**$181,600**	**$91,200**
Importance Code A	$39,000	$72,200	$37,300	$14,700
Importance Code B	$242,400	$98,000	$144,300	$76,500
Importance Code C	$36,800			
Total	**$318,200**	**$170,200**	**$181,600**	**$91,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$21,100	
Glazed Ceramic Panel	5%			LIFE	* *	5	$33,000	
Masonry: Brick Cavity	70%			LIFE	* *	5	$98,600	
Metal Panel	12%			2050	* *	5-10	$116,200	
Pre-Cast Concrete	2%			LIFE	* *	5	$9,200	
Window Wall	8%			2050	* *	5	$42,200	
Windows								
Aluminum	7%	Now	$171,300	2046	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Room 401b								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Classrooms Throughout								
Aluminum	88%			2046	* *	5	$45,200	
Metal Louvers	5%			2039	* *	10	$16,000	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$15,600	
Metal Panel	10%			2050	* *	5	$8,600	
Metal Rail	20%			2043	* *	5-10	$80,300	
Roof								
Built-Up (BUR)	95%	Now	$65,000	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Penthouse Roof 1 And 2, Over Stair 1 And 2								
Cast in Place Concrete	5%	Now	$13,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Playground And Walkway Above Into Electrical Room In Basement								
Soffits								
Cast in Place Concrete	50%			LIFE	* *	5		
Metal Panel	50%			2050	* *	5-10		
Interior								
Floors								
Carpet	5%	Now	$78,700	2029	$196,800	3	$16,700	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Library And Staff Room								
Staining/Discoloring, Extent : Light, Area Affected : 25%								
Location : Library And Staff Room								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Library And Staff Room								
Cast in Place Concrete	5%			LIFE	* *	5	$24,300	
Quarry Tile	3%			2043	* *	5	$10,000	
Terrazzo	5%			LIFE	* *	5	$8,700	
Traffic Topping	2%			2035	* *	5	$5,600	
Vinyl Tile	75%			2035	* *	3	$62,600	
Wood	5%			2058	* *	5	$20,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	2%			2039	* *	5	$2,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,700	
Glass Block	3%			LIFE	* *			
SGFT/Glazed Masonry	75%			LIFE	* *			
Wood	5%			LIFE	* *	5	$28,700	
Ceilings								
AcousTileSusp.Lay-In	75%	4+	$55,500	2043	* *	5	$83,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Auditorium And Cafeteria								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Auditorium And Cafeteria								
Exposed Struc: Steel	10%	Now	$267,400	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Electrical Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electrical Room								
Gypsum Board	10%	Now	$7,800	LIFE	* *	5	$27,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs 1 And 2								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs 1 And 2								
Metal Panel	5%			LIFE	* *	5	$13,900	
Site Enclosure								
Fence/Gates								
Chain Link	100%	0-2	$9,500	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : South Playground								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : South Playground								
Free Standing Walls								
Masonry: Brick	100%	Now	$25,800	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Playground								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : South Playground								
Spalling, Extent : Light, Area Affected : 5%								
Location : South Playground								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	$1,700	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Playground								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North Playground								
Vandalism, Extent : Light, Area Affected : 5%								
Location : North Playground								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Not Accessible	100%							
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 4,000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$3,500	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%	Now	$3,600	2043	* *	5	$500	
Not Functioning, Extent : Light, Area Affected : 1%								
Location : Chilled Water Pump Number 1 In Penthouse 1								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$45,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2039	* *	1	$57,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 600 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$33,100	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Generator Room In Basement								
Explanation : One 120 Gallon Tank								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Main Fuel Storage Room in Basement								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	60%			2030	$1,329,900	10	$81,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	38%			2030	$842,300	10	$51,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 38%								
Location : Corridors And Stairs								
HID	1%			2030	$17,600	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridor Outside Gymnasium								
Explanation : Mercury Light								
Incandescent	1%	Now	$800	2030	$41,200	2		
Other Observation, Extent : Light, Area Affected : 80%								
Location : Auditorium								
Explanation : Halogen Lamps Are Not Operational. Custodial Staff Is Unable To Reach Them Due To Ceiling Height.								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%	Now	$13,900	2035	* *			
Damaged Fixtures, Extent : Light, Area Affected : 50%								
Location : Building Perimeter								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$1,200	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2035	* *	1	$55,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$91,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Pull Stations, Horn And Strobes, Smoke And Heat Detection, Tamper And Waterflow Detection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	4+	$25,900	2035	* *	1	$132,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. Boiler No 1 Has 2 Plugged Tubes.								
Distribution								
Steam Piping/Pump	100%			2050	* *			
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Vacuum Pump In Basement								
Terminal Devices								
Air Handler	50%			2030	$1,399,100	1	$46,000	
Convector/Radiator	50%	Now	$12,200	2035	* *	1	$21,600	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Leaky Radiator In Gymnasium								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Room 325								
Explanation : Unit Heater Valve Broken								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	85%			2033	$2,577,000	1	$136,800	
R-134a Refrigerant, Extent : Light, Area Affected : 85%								
Location : Penthouse								
Other Observation, Extent : Light, Area Affected : 85%								
Location : Penthouse Mechanical Room								
Explanation : 2 Units								
Split Unit	15%			2030	$529,600			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Roofs								
Explanation : 7 Units								
Distribution								
CW & CHW Wtr Pipe/Pump	85%			2040	* *	4	$9,300	
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	85%			2030	$2,452,400	1	$78,200	
Fan Coil - 2 Pipe	15%			2030	$680,400	1	$7,200	
Heat Rejection								
Air Cooled Condenser Unit	15%			2030	$64,600	2	$15,500	
Water Cooling Tower	85%			2028	$638,400	2	$127,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$130,600	LIFE	* *	2-5	$82,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Staircase A At Penthouse No.1								
Explanation : Intake Air Gooseneck Broken Off.								
Exhaust Fans								
Interior	30%			2035	* *	2	$1,400	
Roof	70%	Now	$80,800	2030	$202,000	2	$2,500	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2028	$17,100	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : 1 Circulator Pump At Storage Tank In Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$29,800	4	$3,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2030	$77,900	4	$5,900	
Backflow Preventer								
Generic	4%	4+	$1,600	2030	$2,700	1	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cold Water Service In Basement								
Explanation : Corroding Valve								
Generic	96%			2030	$63,700	1	$8,700	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar to 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$75,000	
Sprinkler								
Generic	100%			2040	* *	1-2	$41,700	
Fire Pump								
Generic	100%	4+	$2,800	2033	$142,000	1	$25,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fire Pump Room In Basement								
Explanation : Some Corrosion On Pump Base								
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 157 - BK**		
Address	: **850 KENT AVENUE BTWN PARK AVE. - MYRTLE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K157**
Program / Asset #	: **BOE0457.000 / 1355**	**Yr Built/Renovated**	: **1909 / 2013**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5**		
Block	: **1897** **Lot** : **13**	**BIN**	: **3054671**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$319,100	$1,002,700
Interior Architecture	$2,383,900	$1,861,500
Electrical	$239,300	$1,609,500
Mechanical	$450,600	$4,116,800
Site Enclosure	$64,900	
Total	**$3,457,800**	**$8,590,500**
Importance Code A	$319,100	$1,002,700
Importance Code B	$2,379,100	$7,587,800
Importance Code C	$759,500	
Total	**$3,457,800**	**$8,590,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$117,500		$42,800	
Interior Architecture	$193,800			$17,400
Electrical	$13,000	$9,500	$10,600	$12,500
Mechanical	$89,400	$17,900	$22,000	$19,900
Site Enclosure	$2,900			
Site Pavements	$9,200			
Total	**$425,800**	**$27,400**	**$75,400**	**$49,800**
Importance Code A	$127,600	$10,100	$52,900	$10,100
Importance Code B	$232,800	$17,300	$22,500	$39,700
Importance Code C	$65,400			
Total	**$425,800**	**$27,400**	**$75,400**	**$49,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	2%	Now	$14,200	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Bulkhead Stair								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Bulkhead Stair								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$224,400	
Copper/Terne	5%			2068	* *	10	$21,000	
Masonry: Brick	70%	Now	$206,900	LIFE	* *	5	$125,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead Stair								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Bulkhead Stair								
Masonry: Limestone	15%			LIFE	* *	5	$40,400	
Windows								
Aluminum	100%			2041	* *	5	$36,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$18,700	
Masonry: Brick	60%	2-4	$20,000	LIFE	* *	5	$7,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout Upper Roof								
Masonry: Limestone	20%			LIFE	* *	5-10	$32,200	
Metal Rail	15%			2046	* *	5-10	$35,700	
Roof								
Built-Up (BUR)	75%			2033	$704,500	10	$60,400	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Cast in Place Concrete	23%	Now	$20,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Boiler Room, Front Entrance								
Metal Panel	2%			2046	* *	10	$3,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$69,600	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Around Floor Drains In Boiler Room								
Ceramic Tile	5%	Now	$28,000	2042	* *	5	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Toilets Throughout								
Mosaic Tile	5%	2-4	$18,700	2038	* *	5	$12,400	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Marble Panels	2%			LIFE	* *	5	$6,000	
Terrazzo	5%	0-2	$18,600	LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Traffic Topping	5%			2038	* *	5	$12,400	
Vinyl Tile	65%	Now	$714,500	2038	* *	3	$48,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 5th, 4th Floors Corridors And Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 5th, 4th, 2nd Floors Corridors And Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Classrooms, Cafeteria, And Corridors Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms, Cafeteria, And Corridors Throughout								
Vinyl Tile 9" X 9"	5%	0-2	$351,200	2033	$1,755,800	3	$3,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 5th Floor								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$100,500	2036	* *	5	$9,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout Toilets And Stair								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout Toilets And Stair								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Toilets And Stair								
Glass: Single Pane	5%	Now	$27,700	LIFE	* *	5	$6,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Stair								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$347,900	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Marble Panels	5%	0-2	$32,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$311,100	LIFE	* *	5	$38,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Stairs A, B, C And E								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Stairs A, B, C And E								
Ceilings								
AcousTileConcealSpLn	5%			2038	* *	5	$12,400	
Exposed Struc: Concrete	5%	Now	$74,500	LIFE	* *	5	$1,600	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Boiler Room From Sidewalk Doors								
Exposed Struc: Steel	5%			LIFE	* *	10	$19,900	
Plaster	80%	Now	$484,100	LIFE	* *	5	$99,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stair 6								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 6								
Plaster	5%			LIFE	* *	5-10	$17,100	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$2,900	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Hinged Gate By Main Entrance								
Retaining Walls								
Concrete Masonry Unit	20%			2043	* *			
Masonry: Brick	80%	Now	$64,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Areaway								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Rear Areaway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$2,600	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Steps At Rear And Front Of Building								
Activity Yard								
Cast in Place Concrete	100%	2-4	$6,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Above Auditorium								

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2043	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 200 Ampere Emergency Lighting Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Raceway								
Conduit	80%			2033	$195,000	1		
Conduit	20%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	20%			2041	* *	5	$500	
Molded Case Bkrs	70%			2032	$167,600	5	$1,900	
Wiring								
Thermoplastic	70%	0-2	$239,300	2063	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Thermoplastic	10%			2033	$34,200	1		
Motor Controllers								
Locally Mounted	40%			2038	* *	5	$300	
Motor Control Center	60%			2031	$436,200	5	$1,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$84,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2033	$152,100	10	$9,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Stairway and Fan Room Basement								
Egress Lighting								
Emergency, Battery	50%			2033	$85,600	10	$12,300	
Exit, Service	50%			2033	$22,000	1		
Exterior Lighting								
HID	9%			2028	$42,800	10		
LED	1%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$191,500	1	$38,100	
Fire/Smoke Detection								
Generic, Digital	100%			2033	$263,100	1-3	$64,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$101,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$40,800	2033	$816,800			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Piping Above The Kent Avenue Water Main								
Terminal Devices								
Air Handler	20%	4+	$383,900	2043	* *	1	$11,400	
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%	2-4	$66,700	2031	$667,300	1	$23,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steam Traps								
Controls								
Electrical	20%			2028	$113,400			
Pneumatic	80%			2031	$1,577,000			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	80%			2028	$309,100	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,100	
Exhaust Fans								
Interior	20%			2033	$90,500	2	$600	
Roof	80%			2033	$158,300	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$5,200	2031	$260,400	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Two Water Mains, Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 80 Gallons. Quantity 1								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$10,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$20,400	4	$3,200	
Sewage Ejector(s)								
Electric	100%			2033	$53,400	4	$6,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$70,500	1-2	$1,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 157 - BX**		
Address	: **757 CAULDWELL AVENUE @E. 156 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X157**
Program / Asset #	: **BOE0294.000 / 389**	**Yr Built/Renovated**	: **1967 / 2012**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2625** **Lot** : **1**	**BIN**	: **2004464**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$217,400	$285,300
Interior Architecture	$10,075,100	$96,500
Electrical	$302,200	$750,700
Mechanical	$508,600	$257,000
Total	**$11,103,300**	**$1,389,400**
Importance Code A	$217,400	$285,300
Importance Code B	$10,823,000	$1,104,100
Importance Code C	$63,000	
Total	**$11,103,300**	**$1,389,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,900		$10,900	
Interior Architecture	$42,700		$9,200	$21,800
Electrical	$2,100	$2,500	$60,200	$2,000
Mechanical	$12,800	$11,500	$35,400	$11,500
Site Enclosure	$11,900			
Site Pavements	$28,000			
Total	**$114,500**	**$14,000**	**$115,700**	**$35,300**
Importance Code A	$25,100	$8,100	$19,200	$8,100
Importance Code B	$83,400	$5,900	$96,500	$18,400
Importance Code C	$6,000			$8,800
Total	**$114,500**	**$14,000**	**$115,700**	**$35,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$53,700	
Masonry: Brick Cavity	70%	4+	$130,900	LIFE	* *	5	$75,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Cauldwell Avenue Facade And East 156th Street Facade								
Metal Panel	10%	2-4	$14,200	2041	* *	5	$20,100	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : East Facade								
Mosaic Tile	5%			2041	* *	10	$16,800	
Window Wall	5%			2041	* *	5	$20,100	
Windows								
Aluminum	100%	Now	$86,600	2039	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms								
Parapets								
Cast in Place Concrete	90%			LIFE	* *	5	$76,600	
Metal Panel	5%			2051	* *	5	$1,600	
Metal Rail	3%			2044	* *	5-10	$4,500	
Metal Security Bars	2%			2059	* *			
Roof								
Modified Bitumen	100%			2039	* *	10	$31,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$79,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,400	
Mosaic Tile	5%			2036	* *	5	$15,400	
Terrazzo	5%	2-4	$11,500	LIFE	* *	5	$4,800	
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Vinyl Tile	40%			2036	* *	3	$24,600	
Uneven Substrate, Extent : Light, Area Affected : 15%								
Location : 1st Floor Corridor West Wing And 3rd Floor Corridors								
Vinyl Tile 9" X 9"	45%	Now	$195,200	2026	$9,761,200	3	$20,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rooms 402,406								

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	4+	$4,600	2034	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Boys Toilet Room								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Folding Partition	5%			2047	* *	5	$17,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$19,800	
SGFT/Glazed Masonry	25%	4+	$63,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Corridor Walls								
Ceilings								
AcousTile,Adhered	28%	Now	$55,700	2036	* *	5	$17,300	
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Corridors And Auditorium								
AcousTileConcealSpLn	2%			2036	* *	5	$3,100	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,900	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	5%			2031	$96,500			
Metal Panel	5%	Now	$20,500	LIFE	* *	5	$7,700	
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Throughout Kitchen								
Plaster	43%			LIFE	* *	5	$33,200	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$11,900	2066	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Areaway At Basement On Cauldwell Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$26,600	2044	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Near Trees On Eagle Street And 156th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$1,400	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Activity Yard								
Cast in Place Concrete	90%			2044	* *			
Rubber Matting	10%			2036	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Air Condition								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$19,200	5	$200	
Fused Disc Sw	2%			2047	* *	5		
Molded Case Bkrs	10%			2047	* *	5	$200	
Molded Case Bkrs	80%			2030	$191,600	5	$1,700	
Wiring								
Braided Cloth	80%	2-4	$233,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2031	$43,800	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2044	* *	5	$400	
Locally Mounted	20%			2029	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$72,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$68,800	10	$9,900	
Exit, Service	50%			2026	$17,700	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$30,800	1	$6,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$10,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$81,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Gas Fired Steam Boilers								
Distribution								
Steam Piping/Pump	60%			2041	* *			
No Component	40%							
Terminal Devices								
Air Handler	20%			2026	$308,600	1	$10,100	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Rooms								
Convector/Radiator	75%			2036	* *	1	$19,900	
Fan Coil Unit/Heat	5%			2031	$101,700	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2029	$155,300	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	
Exhaust Fans								
Interior	20%			2026	$72,700	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Rooms								
Roof	80%			2026	$127,300	2	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Roof								
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2061	* *	1		
Galvanized Steel	80%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2039	* *	1	$1,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room And Fan Room								
Explanation : Units Serves Boiler And Condensate Tank								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 158 - BK**
Address : **400 ASHFORD STREET BTWN: PITKIN AVE., BELMONT AVE**
Borough : **BROOKLYN** **Agency's Number** : **K158**
Program / Asset # : **BOE0458.000 / 1356** **Yr Built/Renovated** : **1909 / 2001**
Area Sq Ft : **84,000** **Project Type** : **EDUCATION**
Date of Survey : **12-Mar-2019** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,4**
Block : **4015** **Lot** : **1** **BIN** : **3089176**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,028,500	$132,800
Interior Architecture	$7,926,200	
Electrical	$279,700	$577,300
Mechanical		$2,016,600
Site Pavements	$54,500	$57,600
Total	**$9,289,000**	**$2,784,300**
Importance Code A	$1,028,500	$132,800
Importance Code B	$8,127,000	$2,593,900
Importance Code C	$133,400	$57,600
Total	**$9,289,000**	**$2,784,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,100	$800		
Interior Architecture	$47,000	$11,100	$6,900	$3,100
Electrical	$1,600	$1,700	$3,200	$1,600
Mechanical	$55,200	$36,300	$19,900	$12,300
Site Enclosure	$34,600			
Site Pavements	$2,900			
Total	**$159,400**	**$50,000**	**$29,900**	**$16,900**
Importance Code A	$26,400	$9,300	$8,300	$8,300
Importance Code B	$110,900	$40,700	$21,600	$8,600
Importance Code C	$22,100			
Total	**$159,400**	**$50,000**	**$29,900**	**$16,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$106,700	LIFE	* *	5	$41,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	25%	Now	$220,900	LIFE	* *	5	$26,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Brick	15%			LIFE	* *	5	$16,100	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria Wing								
Masonry: Brick	35%			LIFE	* *	5	$37,600	
Masonry: Granite	5%	Now	$84,500	LIFE	* *	5	$4,000	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	15%			LIFE	* *	5	$52,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Painted Surfaces								
Windows								
Aluminum	100%	Now	$519,400	2046	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Masonry: Brick	77%	Now	$16,100	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Metal Panel	5%			2050	* *	5	$1,600	
Metal Security Bars	15%			2045	* *			
Pre-Cast Concrete	3%	Now	$2,000	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Built-Up (BUR)	88%	Now	$97,000	2035	* *			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Copper/Terne	2%			2058	* *	10	$1,600	
Modified Bitumen	10%			2038	* *	10	$3,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$10,500	LIFE	* *	5	$13,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	5%	Now	$17,300	2039	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Toilets								
Traffic Topping	5%	Now	$88,000	2040	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	45%			2035	* *	3	$20,700	
Vinyl Tile 9" X 9"	35%			2025	$7,592,000	3	$16,100	
Wood	5%			2045	* *	5	$11,500	
Interior Walls								
Ceramic Tile	5%	Now	$19,300	2039	* *	5	$3,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Toilets								
Masonry: Brick	5%			LIFE	* *			
Masonry: Brick	10%	Now	$133,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	80%			LIFE	* *	5	$33,600	
Ceilings								
AcousTileSusp.Lay-In	5%			2047	* *	5	$6,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Cafeteria								
Exposed Struc: Concrete	25%			LIFE	* *	5	$4,800	
Masonry: Vault Struct	10%			LIFE	* *			
Plaster	60%	Now	$112,800	LIFE	* *	5	$46,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Various 4th And 5th Floor Classrooms								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Various 4th And 5th Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	15%			2040	* *			
Iron Picket	85%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	15%			2050	* *			
Masonry: Brick	5%			2040	* *			
Masonry: Fieldstone	80%	Now	$34,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Belmont And Warwick Street								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Belmont And Warwick Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$54,500	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Belmont Avenue								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Belmont Avenue								
On-Site Walkways								
Cast in Place Concrete	85%			2035	* *			
Pavers/Stone	15%	Now	$2,900	2033	$57,600			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Exterior Stairs								
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Cast in Place Concrete	95%			2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Painted Surfaces								
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$400	
Raceway								
Conduit	80%			2030	$161,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	95%			2046	* *	5	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$204,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$500	
Locally Mounted	20%			2028	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$75,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
LED	2%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Explanation : LED Lighting Fixtures Installed In 2015.								
Egress Lighting								
Emergency, Battery	25%			2038	* *	10	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : LED Exit Lights Installed In 2015.								
Emergency, Battery	23%			2038	* *	10	$4,700	
Emergency, Battery	2%			2038	* *	10	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Explanation : LED Emergency Battery Pack Installed In 2015.								
Exit, Service	25%			2030	$9,100	1		
Exit, Service	25%			2035	* *	1		
Exterior Lighting								
HID	100%			2030	$392,000	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$31,500	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors In The Hallways								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2038	* *	1-3	$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fire Alarm Installed In 2015.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Using No. 2 Oil - One Tank 8,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$83,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	15%			2035	* *	1	$7,800	
Convector/Radiator	85%			2028	$583,900	1	$23,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2035	* *	2	$1,500	
Split Unit	5%			2035	* *			
Window/Wall Unit	5%			2025	$15,900	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,800	
Exhaust Fans								
Interior	95%			2030	$353,900	2	$2,400	
Roof	5%			2025	$8,200	2	$100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$21,600	2030	$1,078,800	1		
Broken, Extent : Severe, Area Affected : 50%								
Location : Basement Booster Pumps								
Water Heater With Tanks								
Electric	20%			2028	$4,700	4		
Gas Fired	80%			2028	$13,700	2		
Sanitary Piping								
Cast Iron	100%	Now	$21,200	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Vent Piping In 1st Floor Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$16,800	4	$1,800	
Backflow Preventer								
Generic	100%			2030	$37,500	1	$5,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2030	$23,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 158 - M**		
Address	: **1458 YORK AVENUE @E. 78 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M158**
Program / Asset #	: **BOE0096.000 / 1648**	**Yr Built/Renovated**	: **1898 / 2009**
Area Sq Ft	: **106,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **1489** **Lot** : **1**	**BIN**	: **1046411**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$272,600
Interior Architecture	$2,449,200	$2,428,700
Electrical	$195,700	$395,300
Mechanical	$535,400	$3,496,800
Total	**$3,180,300**	**$6,593,300**
Importance Code A	$138,600	$965,600
Importance Code B	$3,041,700	$5,627,800
Total	**$3,180,300**	**$6,593,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,500			
Interior Architecture	$84,300	$10,800	$5,000	$11,300
Electrical	$32,900	$19,200	$32,400	$17,300
Mechanical	$80,100	$16,400	$28,300	$17,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$249,700**	**$51,400**	**$70,600**	**$51,100**
Importance Code A	$55,400	$10,500	$10,700	$10,500
Importance Code B	$153,100	$35,100	$59,900	$40,600
Importance Code C	$41,200	$5,700		
Total	**$249,700**	**$51,400**	**$70,600**	**$51,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$138,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$6,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$6,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$47,500	2039	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$18,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$6,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2039	* *	10	$70,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof Installed In 2018								
Soffits								
Panel: Limestone	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	23%	2-4	$78,800	LIFE	* *	5	$101,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2040	* *	5	$10,100	
Mosaic Tile	2%			2036	* *	5	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry Vestibules								
Explanation : Decorative Mosaic Tiles - Original								
Quarry Tile	5%			2044	* *	5	$15,100	
Vinyl Tile	40%	Now	$111,300	2031	$2,226,700	3	$30,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Upper Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Upper Corridors								
Vinyl Tile 9" X 9"	5%	0-2	$35,600	2026	$1,778,200	3	$3,800	
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Corridors								
Wood	20%	0-2	$480,800	2046	* *	5	$37,800	
Misaligned/Bulging, Extent : Light, Area Affected : 30%								
Location : Auditorium								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$11,500	
Glass: Single Pane	2%			LIFE	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Transoms And Stairwells								
Explanation : Safety And Sheet Glass								
Gypsum Board	20%			LIFE	* *	5	$27,500	
Masonry: Brick	15%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell Dividers								
Explanation : Ornate Ironwork								
Plaster	40%			LIFE	* *	5	$27,500	
SGFT/Glazed Masonry	10%	0-2	$41,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 5th Floor Elevator Lobby								
Wood	5%			LIFE	* *	5	$45,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor								
Explanation : Wood Wainscot								
Ceilings								
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,600	
Masonry: Vault Struct	15%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$100,600	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%			2061	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Schoolyard								
Explanation : Recently Instsalled								
Iron Picket	60%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2081	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Schoolyard								
Explanation : Recently Installed And Renovated								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : From Schoolyard To Street								
Explanation : Stairs								
Cast in Place Concrete	5%			2051	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Schoolyard								
Explanation : Ramp - Recently Installed								
No Component	85%							
Activity Yard								
Asphalt	55%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Schoolyard								
Explanation : Recently Installed								
Pavers/Stone	15%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Schoolyard								
Explanation : Recently Installed								
Rubber Matting	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Schoolyard								
Explanation : Recently Installed								
Rubber Matting	25%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Schoolyard								
Explanation : Artificial Turf - Recent Installation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$500	
Raceway								
Conduit	50%			2051	* *	1		
Conduit	50%			2031	$121,900	1		
Panelboards								
Fused Disc Sw	20%			2039	* *	5	$500	
Molded Case Bkrs	80%			2039	* *	5	$2,200	
Wiring								
Braided Cloth	10%			2030	$34,200	1		
Thermoplastic	90%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$32,600	
Generators								
Diesel	100%			2034	* *	1	$41,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Generator Room								
Explanation : 125 Kilowatts Capacity								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$23,600	
Fuel Storage								
Day Tank	10%			2039	* *	5		
Main Tank	90%			2046	* *	5		
Lighting								
Interior Lighting								
Fluorescent	99%			2036	* *	10	$96,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	1%			2036	* *			
Egress Lighting								
Emergency, Service	40%			2036	* *	1		
Emergency, Battery	10%			2036	* *	10	$2,600	
Exit, Service	25%			2026	$11,400	1		
Exit, Battery	25%			2031	$37,500	10	$1,800	
Exterior Lighting								
HID	100%			2036	* *	10	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2041	* *	1	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2026	$99,500	1	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2031	$273,400	1-3	$65,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	75%			2029	$692,900	1	$78,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Dual Fuel Steam Boilers								
Steam Boiler	25%	Now	$138,600	2051	* *	1	$23,600	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Boiler Room, Leaky Boiler Tubes Boiler 1								
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Basement Boiler 3 Is Not Working								
Distribution								
Steam Piping/Pump	100%	Now	$17,000	2041	* *			
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump And Make Up Water Tank Valve								
On Extended Life, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%	Now	$39,900	2031	$797,900	1	$23,600	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Equipment Was Never Commissioned								
Convector/Radiator	55%			2029	$476,700	1	$18,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	5%	0-2	$78,800	2041	* *	1	$1,500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria And Vestibule Units Are Obsolete								
Other Observation, Extent : Light, Area Affected : 5%								
Location : First Floor								
Explanation : Space Unit Heaters Observed In Vestibule, Cafeteria And Kitchen								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$144,600	2031	$240,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
Window/Wall Unit	20%			2026	$80,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$93,100	LIFE	* *	2-5	$59,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Exterior Kitchen Exhuast Duct Leaking To Playground								
Exhaust Fans								
Roof	100%			2031	$205,700	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%	0-2	$5,400	2041	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Valves At Water Mains								
Galvanized Steel	80%			2029	$1,082,600	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2029	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$7,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Mechanical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2031	$21,200	4	$2,200	
Backflow Preventer								
No Component	80%							
Generic	20%			2036	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,500	
Chemical System								
No Component	95%							
Generic	5%			2026	$4,100	1-3	$3,700	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 159 - BK**		
Address	: **2781 PITKIN AVENUE BTWN: CRESCENT ST. - HEMLOCK ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K159**
Program / Asset #	: **BOE0459.000 / 1357**	**Yr Built/Renovated**	: **1908 / 2010**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4216** **Lot** : **1**	**BIN**	: **3094735**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$214,100	
Interior Architecture	$92,600	$1,843,500
Electrical	$163,900	$580,700
Mechanical	$311,200	$1,493,400
Total	**$781,800**	**$3,917,500**
Importance Code A	$214,100	
Importance Code B	$567,700	$3,917,500
Total	**$781,800**	**$3,917,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,500		$27,100	
Interior Architecture	$192,000			$8,300
Electrical	$4,500	$3,800	$9,900	$4,100
Mechanical	$57,900	$7,700	$71,400	$8,300
Site Pavements	$16,900			
Total	**$276,700**	**$11,500**	**$108,400**	**$20,700**
Importance Code A	$11,400	$5,400	$32,500	$5,400
Importance Code B	$215,000	$6,100	$75,900	$15,200
Importance Code C	$50,300			
Total	**$276,700**	**$11,500**	**$108,400**	**$20,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$19,100	
Masonry: Brick	75%			LIFE	* *	5	$36,600	
Masonry: Granite	5%			LIFE	* *	5	$1,800	
Masonry: Limestone	15%			LIFE	* *	5	$5,500	
Windows								
Aluminum	98%	Now	$214,100	2039	* *	5	$11,200	
Air Infiltration, Extent : Moderate, Area Affected : 4%								
Location : 3rd Floor Classrooms								
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Library Windows								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Library And Classrooms								
Metal Louvers	2%			2034	* *	10	$2,900	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$3,400	
Masonry: Limestone	10%			LIFE	* *	5	$500	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,200	
Roof								
Built-Up (BUR)	95%			2036	* *	10	$27,100	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Chimney Facing Parapet								
Metal Panel	5%			2044	* *	10	$2,600	
Interior								
Floors								
Ceramic Tile	10%	Now	$47,000	2034	* *	5	$4,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 4th Floor Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 3rd, 4th Floor Bathrooms And Kitchen								
Vinyl Tile	80%	Now	$36,900	2031	$1,843,500	3	$25,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridor								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Teacher Room								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Wood	10%	Now	$49,800	2046	* *	5	$7,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Various Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$21,100	2034	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 3rd, 4th Floor Bathrooms And Kitchen								
Glass: Single Pane	2%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Wire Glass								
Masonry: Brick	10%	Now	$29,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement By East Stair								
Plaster	75%			LIFE	* *	5	$17,300	
SGFT/Glazed Masonry	3%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$5,400	2036	* *	5	$4,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
AcousTileConcealSpLn	10%	Now	$2,700	2036	* *	5	$5,200	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Library								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Masonry: Vault Struct	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Corrugated Metal Vaulted Panel								
Metal Panel	2%			LIFE	* *	5	$2,100	
Plaster	73%	Now	$92,600	LIFE	* *	5	$38,100	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 3rd Floor								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Classrooms 3rd Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 313								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2041	* *			
Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Parking Area Gate								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Adjacent Play Yard								
Explanation : Damaged Fence To Be Repaired By Contractor Of Adjacent Project								
Iron Picket	90%			2066	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$16,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : West Side Of School								
On-Site Walkways								
Asphalt	50%			2040	* *			
Cast in Place Concrete	50%			2044	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : North East Of School Dumpster Area								
Explanation : Excavation From Construction Covered With Plates								
Activity Yard								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : North Of School								
Explanation : Entire Activity Yard Area Under Construction								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	4+	$500	2031	$25,300	5	$100	
Enclosure Corroded, Extent : Light, Area Affected : 100%								
Location : Electrical Room Inside Cafeteria								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$200	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Molded Case Bkrs	20%			2030	$27,900	5	$300	
Molded Case Bkrs	80%			2047	* *	5	$1,200	
Wiring								
Braided Cloth	20%			2030	$39,900	1		
Thermoplastic	40%			2031	$79,800	1		
Thermoplastic	40%			2051	* *	1		
Motor Controllers								
Locally Mounted	40%			2029	$28,700	5	$100	
Locally Mounted	10%			2044	* *	5		
Motor Control Center	50%			2029	$147,700	5	$800	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$50,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2036	* *	10	$5,300	
Exit, Battery	50%			2041	* *	10	$1,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
HID	100%			2036	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	80%			2026	$113,500	1-3	$27,100	
Generic, Digital	20%			2031	$28,400	1-3	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detection System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$54,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2031	$440,400			
Repairs In Progress, Extent : N/A, Area Affected : 15%								
Location : Various								
Terminal Devices								
Air Handler	20%			2026	$207,000	1	$6,800	
Convector/Radiator	78%			2029	$350,800	1	$13,900	
Convector/Radiator	1%	Now	$100	2036	* *	1	$200	
Leak Evident, Extent : Severe, Area Affected : 1%								
Location : 3rd Floor								
Unit Heater - Steam	1%	Now	$1,900	2041	* *	4	$100	
Broken, Extent : Severe, Area Affected : 1%								
Location : Basement Safe Room								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	1%			2036	* *			
Window/Wall Unit	50%			2026	$104,200	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various								
Explanation : Additional Units Installation In Progress								
No Component	49%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,700	
Exhaust Fans								
Interior	20%			2026	$48,800	2	$300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement Fan Room								
Explanation : Heating And Ventilating Unit Serves General Spaces								
Roof	10%			2031	$10,700	2	$200	
Roof	10%			2026	$10,700	2	$200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Roof								
No Component	60%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$14,000	2029	$702,100	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor								
Water Heater With Tanks								
Gas Fired	100%			2024	$34,200	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2031	$11,000	4	$1,200	
Backflow Preventer								
No Component	90%							
Generic	10%			2031	$2,500	1	$300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : For Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 159 - BK MINISCHOOL**				
Address	: **2789 PITKIN AVENUE BTWN: CRESCENT ST. - HEMLOCK ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K851**	
Program / Asset #	: **BOE0459.010 / 2748**		**Yr Built/Renovated**	: **1972 / 1999**	
Area Sq Ft	: **10,630**		**Project Type**	: **EDUCATION**	
Date of Survey	: **20-Mar-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Floors 1**				
Block	: **4217**	**Lot** : **1**	**BIN**	: **3094749**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$86,100
Interior Architecture		$395,600
Mechanical	$168,100	
Total	**$168,100**	**$481,700**
Importance Code A		$86,100
Importance Code B	$168,100	$395,600
Total	**$168,100**	**$481,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,300		$32,300	
Interior Architecture	$33,600	$1,100		$1,800
Electrical	$700	$800	$43,300	$700
Mechanical	$33,600	$700	$81,600	$700
Total	**$112,200**	**$2,500**	**$157,300**	**$3,100**
Importance Code A	$44,900	$500	$65,900	$500
Importance Code B	$67,300	$1,300	$91,300	$2,600
Importance Code C		$700		
Total	**$112,200**	**$2,500**	**$157,300**	**$3,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 159 - BK MINISCHOOL
Asset # : 2748

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$2,700	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : By Downspouts								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	95%			2041	* *	5-10	$118,400	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : South Face								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : South East And West Faces								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	95%	0-2	$16,900	2039	* *	5	$900	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Caulking Deteriorated, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Metal Louvers	5%			2040	* *	10	$600	
Roof								
Metal Panel	100%	Now	$23,800	2036	* *			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 5%								
Location : South Downspouts								
Soffits								
Metal Panel	100%	0-2	$800	2051	* *	5	$3,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Near Downspouts								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,700	
Ceramic Tile	5%			2040	* *	5	$800	
Vinyl Tile	90%	0-2	$7,900	2031	$395,600	3	$5,400	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Corridor At Entries								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Classrooms								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$1,300	
Concrete Masonry Unit	45%			LIFE	* *	5	$4,700	
Metal Panel	50%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 159 - BK MINISCHOOL
Asset # : 2748

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$25,700	2036	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors, Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Corridors, Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : South West Corner								
Explanation : Replacement Evident								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Asphalt	100%			2040	* *			
Activity Yard								
Asphalt	80%			2040	* *			
Rubber Matting	20%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : Four Main Disconnect Switches Rated Approximately At 400 Amperes								
Raceway								
Conduit	100%			2031	$25,700	1		
Panelboards								
Molded Case Bkrs	100%			2030	$39,900	5	$300	
Wiring								
Thermoplastic	100%			2031	$28,700	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 159 - BK MINISCHOOL
Asset # : 2748

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$9,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,300	
Exit, Battery	50%			2041	* *	10	$400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
HID	20%			2031	$9,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$4,000	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$27,400	1-3	$6,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2026	$33,100	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Room								
Explanation : Duct Furnace								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2025	$168,100	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	2-4	$9,300	LIFE	* *	2-5	$5,900	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 159 - BK MINISCHOOL
Asset # : 2748

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2026	$47,100	2	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Cavity Between The Ceiling And The Roof Of The Building								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Electric	100%			2024	$23,600	4		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Janitor Closet								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 159 - Q**		
Address	: **205-01 33 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q159**
Program / Asset #	: **BOE0806.000 / 1529**	**Yr Built/Renovated**	: **1931 / 2002**
Area Sq Ft	: **63,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6038** **Lot** : **13**	**BIN**	: **4134525**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,483,100	$58,300
Interior Architecture	$574,900	$906,400
Electrical	$236,300	$605,300
Mechanical	$673,300	$867,900
Site Pavements	$101,300	$59,800
Total	**$3,068,800**	**$2,497,700**
Importance Code A	$1,483,100	$58,300
Importance Code B	$1,416,800	$2,439,400
Importance Code C	$168,900	
Total	**$3,068,800**	**$2,497,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$51,500		$7,100	
Interior Architecture	$227,600	$4,100	$11,200	$5,400
Electrical	$60,100	$2,400	$45,200	$2,200
Mechanical	$42,600	$8,800	$46,900	$8,800
Site Enclosure	$20,600			
Site Pavements	$6,900			
Total	**$409,100**	**$15,300**	**$110,400**	**$16,300**
Importance Code A	$57,700	$6,200	$13,500	$6,200
Importance Code B	$246,400	$6,800	$96,900	$10,100
Importance Code C	$105,000	$2,300		
Total	**$409,100**	**$15,300**	**$110,400**	**$16,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$9,100	
Masonry: Brick	25%			LIFE	* *	5	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1965 Building								
Explanation : Gymnasium Addition								
Masonry: Brick	65%	Now	$173,200	LIFE	* *	5	$42,100	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Foundation Walls Of 1931 Building								
Masonry: Granite	2%			LIFE	* *	5	$1,000	
Masonry: Limestone	5%	0-2	$51,000	LIFE	* *	5	$2,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Bands And Entrance Cornice								
Windows								
Aluminum	95%	Now	$65,600	2047	* *	5	$6,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Throughout Building								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Louvers	3%	Now	$2,400	2034	* *			
Deteriorated Finish, Extent : Severe, Area Affected : 10%								
Location : 1965 Building Facing 1931 Building Facade								
Wood	2%	Now	$1,200	2030	$11,600	5	$1,400	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Masonry: Brick	65%	Now	$71,400	LIFE	* *	5	$5,600	1
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1931 Building								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 30%								
Location : 1931 Building								
Masonry: Limestone	10%	Now	$32,300	LIFE	* *	5	$1,100	1
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Coping								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Coping								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Metal Panel	10%	Now	$14,100	2041	* *	5	$1,700	1
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Edge Flashing At 1965 Building Facing 33rd Avenue								
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 1965 Building								
Explanation : No Parapet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	95%	2-4	$258,900	2026	$862,900			
Alligatoring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2036	* *	10	$7,100	
Soffits								
Stucco Cement	100%	Now	$1,500	2036	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 1965 Building								
Interior								
Floors								
Carpet	2%			2030	$35,400	3	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Library								
Explanation : Wall To Wall Carpet								
Cast in Place Concrete	10%	Now	$17,000	LIFE	* *	5	$21,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Pantry And Basement								
Mosaic Tile	5%	Now	$46,900	2036	* *	5	$6,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Three Bathrooms And Kitchen								
Terrazzo	3%			LIFE	* *	5	$2,300	
Traffic Topping	5%	Now	$71,600	2041	* *	5	$3,100	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	15%			2031	$414,300	3	$5,600	
Vinyl Tile	15%	Now	$20,700	2031	$414,300	3	$5,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Classroom Entries								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms And Offices								
Vinyl Tile 9" X 9"	20%	Now	$176,500	2041	* *	3	$7,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Classrooms And Corridors, Room 321								
Wood	25%	4+	$74,500	2046	* *	5	$23,400	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$86,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Staining/Discoloring, Extent : Severe, Area Affected : 5%								
Location : Basement Near Water Main								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Near Water Main								
Ceramic Tile	4%			2040	* *	5	$4,500	
Ceramic Tile	1%	Now	$37,400	2046	* *	5	$600	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Three Bathrooms								
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Three Bathrooms								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Three Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,300	
Masonry: Brick	10%	Now	$43,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Glass And Metal Cage								
Marble Panels	2%			LIFE	* *			
Plaster	60%	Now	$82,700	LIFE	* *	5	$20,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors, Stairwells And Bulkhead								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Bulkhead								
SGFT/Glazed Masonry	10%			LIFE	* *			
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2036	* *	5	$12,500	
AcousTileSusp.Lay-In	10%			2036	* *	5	$10,000	
Exposed Struc: Concrete	15%	Now	$44,800	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement Near Water Main								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Near Water Main								
Fiber Board	5%			2031	$77,800			
Metal Panel	5%	0-2	$16,500	LIFE	* *	5	$6,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Plaster	55%	Now	$83,400	LIFE	* *	5	$34,300	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Corridor And Various Classrooms								
Site Enclosure								
Fence/Gates								
Aluminum Rail	10%			2044	* *	5-10	$9,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1965 Building								
Explanation : Roof Railing								
Chain Link	50%	0-2	$7,800	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Gates								
Iron Picket	40%	Now	$6,800	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Exit 5 Railing								
Retaining Walls								
Cast in Place Concrete	50%			2066	* *			
Masonry: Brick	30%			2041	* *			
Masonry: Fieldstone	20%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cheek Walls At Steps								
Explanation : Granite								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	60%	0-2	$3,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Facing 205th Street								
Masonry: Granite	30%			LIFE	* *			
Pavers/Stone	10%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	80%	Now	$101,300	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Activity Yard								
Cast in Place Concrete	2%			2044	* *			
Pavers/Stone	10%			2034	* *			
Rubber Matting	8%	Now	$3,000	2031	$59,800			
Tripping Hazard, Extent : Light, Area Affected : 2%								
Location : Below Play Equipment								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Equipment Playground								
Explanation : Tiles Are Seperating, Half Inch Gap								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$100	
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	10%			2047	* *	5	$200	
Molded Case Bkrs	70%			2030	$125,700	5	$1,200	
Wiring								
Braided Cloth	90%	2-4	$179,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$300	
Locally Mounted	20%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								

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DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$56,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$7,600	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$58,800	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$35,500	1	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$48,800	2041	* *	1-3	$10,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2051	* *	5	$19,500	
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$62,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	20%			2031	$237,100	1	$7,800	
Convector/Radiator	60%			2029	$309,100	1	$12,200	
Fan Coil Unit/Heat	20%	0-2	$6,200	2026	$312,400	1	$3,700	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Broken Motors, Rooms 217, 317								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$1,900	2026	$95,500	1		
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Vaious Locations								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$2,800	LIFE	* *	2-5	$1,800	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : The Louvre Actuator For Boilers And Hot Water Heater, Boiler Room								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$33,400	
Exhaust Fans								
Interior	95%			2026	$265,400	2	$1,800	
Roof	5%			2026	$6,100	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2041	* *	1		
Galvanized Steel	40%	0-2	$6,400	2029	$321,700	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$15,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Clear View Expressway Side And 33rd Avenue, In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,000	
Fixtures								
Generic	10%							
Leaking Connections, Extent : Moderate, Area Affected : 30%								
Location : The Piping Of The Sinks Of Room 217, 221 And Boy's Restroom Are Installed Inproperly.								
Generic	90%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$43,600	1-2	$900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 16 - BX**		
Address	: **4550 CARPENTER AVENUE @E. 239-240 STS.**		
Borough	: **BRONX**	**Agency's Number**	: **X016**
Program / Asset #	: **BOE0166.000 / 507**	**Yr Built/Renovated**	: **1909 / 2008**
Area Sq Ft	: **48,805**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5076** **Lot** : **31**	**BIN**	: **2070894**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,702,000	$78,900
Interior Architecture	$251,400	$1,614,400
Electrical		$727,500
Mechanical	$129,400	$245,600
Site Pavements	$161,300	
Total	**$3,244,100**	**$2,666,500**
Importance Code A	$2,702,000	$78,900
Importance Code B	$385,200	$2,587,500
Importance Code C	$157,000	
Total	**$3,244,100**	**$2,666,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,700			
Interior Architecture	$63,500	$1,100	$7,300	$8,200
Electrical	$1,200	$1,800	$1,500	$1,600
Mechanical	$86,300	$6,900	$10,500	$6,900
Site Enclosure	$29,000			
Site Pavements	$23,500			$19,900
Total	**$243,100**	**$9,800**	**$19,300**	**$36,600**
Importance Code A	$82,200	$4,800	$4,800	$4,900
Importance Code B	$117,500	$4,900	$14,500	$31,700
Importance Code C	$43,500			
Total	**$243,100**	**$9,800**	**$19,300**	**$36,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$23,200	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$36,300	
Masonry: Brick	85%	Now	$1,299,700	LIFE	* *	5	$78,900	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Foundation, Boiler Room, Entire Yard Side Wall, Auditorium Near Exit 9, Gymnasium Multipurpose Room, Custodian Storage Room, Throughout Ground And Basement Levels								
Masonry: Limestone	5%	Now	$365,600	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Staining/Discoloring, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$54,300	2048	* *	5	$11,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Parapets								
Masonry: Brick	90%	Now	$925,700	LIFE	* *	5	$14,600	
Painted Surfaces, Extent : Severe, Area Affected : 30%								
Location : Roof								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Yard Side Roof, Throughout								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	10%	0-2	$39,700	LIFE	* *	5	$10,200	
Water Penetration, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$56,700	2037	* *			
Ponding, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Roof Drains								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%	0-2	$21,700	LIFE	* *	5	$11,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	3%			2035	* *	5	$2,200	
Quarry Tile	5%			2037	* *	5	$5,500	
Vinyl Tile	80%			2032	$1,614,400	3	$21,900	
Wood	5%	2-4	$21,800	2047	* *	5	$3,400	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$20,000	2035	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Masonry: Brick	15%	Now	$103,900	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 90%								
Location : Basement And Former Coal Shoot Area								
Plaster	60%	Now	$53,100	LIFE	* *	5	$13,100	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Entire Yard Side Wall, Custodian Office, Gymnasium Multipurpose Room, Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2037	* *	5	$11,000	
Plaster	85%	Now	$94,400	LIFE	* *	5	$38,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Classrooms, Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2052	* *			
Iron Picket	30%			2067	* *			
Retaining Walls								
Cast in Place Concrete	80%	0-2	$29,000	2067	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Top Of Wall								
Concrete Masonry Unit	10%			2058	* *			
Masonry: Brick	10%			2058	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$65,200	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Carpenter Avenue								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Carpenter Avenue								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Carpenter Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$23,500	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	95%	Now	$96,100	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Carpenter Avenue Side At Transition To Concrete								
Rubber Matting	5%			2027	$19,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$200	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	90%			2040	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$727,500	10	$44,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2032	$41,000	10	$5,900	
Exit, Service	50%			2032	$10,500	1		
Exterior Lighting								
HID	20%			2032	$45,500	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$9,200	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	10%			2032	$9,200	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$37,800	1-3	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Pull Box Station, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7500 Gallons Each. No. 2 Oil								
Conversion Equipment								
Steam Boiler	100%	Now	$42,500	2037	* *	1	$43,500	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler No.1 Is Not Working Due To Low Oxygen Intake In The Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$27,400	2042	* *	4	$2,400	
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Various Locations.								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	15%			2037	* *	1	$4,500	
Convector/Radiator	75%			2037	* *	1	$11,800	
Fan Coil Unit/Heat	10%			2032	$121,000	1	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	Now	$2,600	2027	$129,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various. Two Window Units Are Not Working Due To Mechanical, Electrical Defect								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,200	
Exhaust Fans								
Interior	15%	0-2	$6,500	2037	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : South Classroom Exhaust Fan								
Roof	85%			2037	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$124,600	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$3,400	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Drain Piping								
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,000	2032	$9,800	4	$1,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : One Pump Is Not Working In The Basement.								

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DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Sink. Low Water Pressure And Broken Faucet								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2042	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 16 - Q**		
Address	: **41-15 104 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q721**
Program / Asset #	: **BOE0893.000 / 1459**	**Yr Built/Renovated**	: **1907 / 2010**
Area Sq Ft	: **126,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1985** **Lot** : **1**	**BIN**	: **4048820**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$628,600	$81,200
Interior Architecture	$146,300	$125,100
Electrical	$109,800	$71,000
Mechanical		$2,993,300
Total	**$884,700**	**$3,270,500**
Importance Code A	$628,600	$159,600
Importance Code B	$256,100	$3,110,900
Total	**$884,700**	**$3,270,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$40,100			$21,400
Interior Architecture	$104,300	$7,000		$17,800
Electrical	$13,600	$17,100	$13,000	$14,600
Mechanical	$54,000	$35,700	$67,500	$36,500
Site Enclosure	$23,700			
Site Pavements	$29,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$272,900**	**$67,700**	**$88,400**	**$98,300**
Importance Code A	$51,300	$11,200	$11,500	$32,600
Importance Code B	$205,700	$54,300	$76,900	$65,600
Importance Code C	$15,900	$2,100		
Total	**$272,900**	**$67,700**	**$88,400**	**$98,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - Q

Asset # : 1459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1907 And 1931 Building								
Explanation : Repointing Completed In 2017								
Masonry: Brick	20%	Now	$148,600	LIFE	* *	5	$18,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 1997 Building								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Facades At 1997 Building								
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 1907 And 1931 Building								
Masonry: Limestone	3%	Now	$106,600	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Base Of 1997 Building								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Base Of 1997 Building								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Base Of 1997 Building								
Metal Sect. OHD	1%			2044	* *	5	$2,800	
Pre-Cast Concrete	1%	Now	$32,700	LIFE	* *	5	$2,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Base Of 1997 Building								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Base Of 1997 Building								
Loose/Delam Surface, Extent : Severe, Area Affected : 30%								
Location : Base Of 1997 Building								
Windows								
Aluminum	95%			2047	* *	5	$42,800	
Metal Louvers	5%			2040	* *	10	$14,100	
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$3,500	
Metal Rail	10%			2044	* *	5-10	$9,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,700	
No Component	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 1997 Building								
Explanation : No Parapet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - Q

Asset # : 1459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	5%			2059	* *	10	$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1907 Building								
Explanation : Bulkhead Roof And Sides								
IRMA/Protected Membrane	75%			2036	* *	10	$57,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 1907 And 1931 Building								
Single Ply Membrane	20%	Now	$315,700	2041	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : 1997 Building Pitch Is Not Adequate								
Ponding, Extent : Severe, Area Affected : 25%								
Location : 1997 Building								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 1997 Building								
Soffits								
Alum/Vinyl Siding	100%			2041	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1931 Building								
Explanation : Vinyl Panels								
Interior								
Floors								
Cast in Place Concrete	15%	4+	$49,800	LIFE	* *	5	$64,100	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2040	* *	5	$9,800	
Quarry Tile	2%			2044	* *	5	$5,900	
Vinyl Tile	73%			2036	* *	3	$71,300	
Wood	5%			2059	* *	5	$18,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - Q

Asset # : 1459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2034	* *	5	$2,800	
Ceramic Tile	3%			2040	* *	5	$4,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1997 Building								
Explanation : Blocks Throughout Corridors And Classrooms								
Gypsum Board	10%	0-2	$3,900	LIFE	* *	5	$8,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 1997 Building Stairwell								
Metal: Cage/Fence	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1907 And 1931 Building								
Explanation : Metal Cage With Glass Panels								
Plaster	45%			LIFE	* *	5	$18,900	
SGFT/Glazed Masonry	20%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	4+	$6,300	2036	* *	5	$12,200	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
AcousTileSusp.Lay-In	20%	4+	$13,000	2044	* *	5	$19,500	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Second Floor Corridor Of 1997 Building								
Exposed Struc: Concrete	10%	Now	$146,300	LIFE	* *	5	$3,100	
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Gypsum Board	8%			LIFE	* *	5	$19,500	
Metal Panel	2%			LIFE	* *	5	$4,900	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	50%			LIFE	* *	5	$61,000	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2041	* *			
Iron Picket	75%	0-2	$10,500	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 16 - Q

Asset # : 1459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$13,200	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Playground Retaining Wall								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Playground Retaining Wall And 1997 Ramp Cheekwalls								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Playground Retaining Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	10%	Now	$25,700	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : 41st Avenue								
Loose/Delam Surface, Extent : Severe, Area Affected : 100%								
Location : 41st Avenue								
Cast in Place Concrete	90%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	70%	Now	$3,600	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Playground And Courtyard Play Area								
Potholes, Extent : Severe, Area Affected : 5%								
Location : Playground And Courtyard Area								
Rubber Matting	30%			2031	$18,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Transformers								
Dry Type	100%			2044	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 750 Kilovolt-amperes, 208/480 Volts								
Switchgear / Switchboard								
Fused Disc Sw	90%			2051	* *	5	$500	
Molded Case Bkrs	10%			2051	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - Q

Asset # : 1459

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$300	
Molded Case Bkrs	90%			2047	* *	5	$3,000	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$38,800	
Generators								
Diesel	100%			2040	* *	1	$48,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 260 Kilowatts.								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,700	
Fuel Storage								
Day Tank	10%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 25 Gallons Rated Capacity								
Main Tank	90%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$109,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - Q

Asset # : 1459

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$71,000	1	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$24,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Basement, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2051	* *	1		
Interruptible Gas/Dual Fuel	80%			2041	* *	1		
Conversion Equipment								
Furnace	20%			2031	$78,400	1	$12,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 3 Rooftop Units								
Steam Boiler	80%			2044	* *	1	$99,800	
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	50%	0-2	$6,900	2030	$137,800	4	$3,100	
Corroded, Extent : Moderate, Area Affected : 70%								
Location : Water Feed Tank, Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Water Feed Tank, Boiler Room								
Steam Piping/Pump	30%			2041	* *			
No Component	20%							
Terminal Devices								
Air Handler	40%			2031	$948,400	1	$31,200	
Convector/Radiator	15%			2029	$154,600	1	$6,100	
Fan Coil Unit/Heat	25%			2039	* *	1	$10,200	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - Q

Asset # : 1459

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2036	* *	1	$29,200	
R-134a Refrigerant, Extent : Light, Area Affected : 100% *Location : 2 Units, Basement Air Conditioning Room*								
Ext Pkg Unit - Heating/Cooling	20%			2031	$423,400	2	$1,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100% *Location : 3 Units, New Wing Roof*								
No Component	30%							
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2041	* *	4	$4,700	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2031	$855,700	1	$39,000	
No Component	50%							
Heat Rejection								
Dry Cooler	50%			2036	* *	2	$43,900	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,300	
Exhaust Fans								
Interior	30%			2031	$167,600	2	$1,200	
Roof	70%			2031	$171,100	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100% *Location : Boiler Room*								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$3,900	4	$4,000	
Backflow Preventer								
Generic	100%			2031	$56,300	1	$7,700	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - Q

Asset # : 1459

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Ring, Basement To 4th Floor								
Explanation : 1 Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Ring, 1st To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$65,900	
Sprinkler								
Generic	100%			2041	* *	1-2	$35,300	
Fire Pump								
Generic	100%			2034	* *	1	$23,500	
Chemical System								
No Component	99%							
Generic	1%			2026	$1,600	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 160 - BK**		
Address	: **5105 FT. HAMILTON PKWY BTWN: FT HAMILTON PKWAY., 11 A**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K160**
Program / Asset #	: **BOE0460.000 / 1330**	**Yr Built/Renovated**	: **1909 / 2008**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **5653** **Lot** : **21**	**BIN**	: **3138276**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$55,200	
Interior Architecture	$5,110,800	$422,000
Electrical	$256,600	$451,800
Mechanical		$1,288,100
Site Pavements		$72,600
Total	**$5,422,700**	**$2,234,500**
Importance Code A	$55,200	
Importance Code B	$5,133,700	$1,739,800
Importance Code C	$233,700	$494,700
Total	**$5,422,700**	**$2,234,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$3,600	$10,300	
Interior Architecture	$42,000			$7,300
Electrical	$9,000	$69,800	$1,100	$1,200
Mechanical	$66,400	$41,800	$12,100	$8,200
Site Pavements	$21,100			
Total	**$138,500**	**$115,200**	**$23,600**	**$16,800**
Importance Code A	$5,400	$9,100	$15,800	$5,400
Importance Code B	$128,800	$106,100	$7,800	$11,300
Importance Code C	$4,200			
Total	**$138,500**	**$115,200**	**$23,600**	**$16,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BK

Asset # : 1330

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$19,100	
Masonry: Brick	90%			LIFE	* *	5	$43,900	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,800	
Windows								
Aluminum	90%			2046	* *	5	$20,600	
Wood	10%	Now	$55,200	2055	* *	5	$11,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Auditorium								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,100	
Masonry: Brick	90%			LIFE	* *	5	$3,600	
Roof								
Built-Up (BUR)	70%			2038	* *	10	$20,000	
Built-Up (BUR)	25%			2038	* *	10	$7,100	
Copper/Terne	5%			2065	* *	10	$3,600	
Interior								
Floors								
Ceramic Tile	5%	Now	$23,500	2039	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	40%	Now	$18,400	2035	* *	3	$12,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%	Now	$88,300	2025	$4,416,600	3	$9,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	25%	Now	$124,400	2045	* *	5	$19,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%	Now	$84,400	2033	$422,000	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	80%	Now	$149,300	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BK

Asset # : 1330

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Metal Panel	5%	Now	$82,900	LIFE	* *	5	$5,200	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	13%	Now	$164,900	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Plaster	82%			LIFE	* *	5	$42,700	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2040	* *			
Iron Picket	40%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$16,900	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	95%	2-4	$3,600	2033	$72,600			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cast in Place Concrete	5%	Now	$600	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At Ramp To Basement								
Explanation : Inadequate Drainage								
Activity Yard								
Rubber Matting	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch. Service Supplied From Adjacent Building.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BK

Asset # : 1330

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$14,000	5	$100	
Molded Case Bkrs	80%			2029	$111,800	5	$1,200	
Molded Case Bkrs	10%			2046	* *	5	$100	
Wiring								
Thermoplastic	80%			2030	$159,700	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$50,200	5	$300	
Locally Mounted	30%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$47,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : LED Fixtures Are In Satisfactory Conditions.								
Egress Lighting								
Emergency, Battery	50%			2030	$46,200	10	$6,600	
Exit, Service	50%	2-4	$7,100	2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Exit Fixtures Are Old And Obsolete.								
Exterior Lighting								
HID	100%	2-4	$256,600	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fixtures Have Been Upgraded, But Failed The Test.								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$20,600	1	$4,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2030	$28,400	1-3	$7,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 160 - BK
Asset # : 1330

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$54,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$8,800	2040	* *			
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump In Basement								
Terminal Devices								
Air Handler	20%			2035	* *	1	$6,800	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Unit For Auditorium								
Convector/Radiator	80%			2028	$359,800	1	$14,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$145,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,700	
Exhaust Fans								
Interior	20%	0-2	$14,600	2030	$48,800	2	$300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room 4th Floor								
Roof	20%	0-2	$21,300	2040	* *	2	$300	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Roof								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$706,400	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Water Meter Located In Kitchen Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 160 - BK

Asset # : 1330

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2025	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$13,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Back-ups During Heavy Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$76,100	1-2	$1,500	
Heads Painted, Extent : Moderate, Area Affected : 100%								
Location : Basement And 1st Floor								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 160 - BX**		
Address	: **4140 HUTCHINSON RIVER PK BTWN: EINSTEIN LOOP S., HUNTER A**		
Borough	: **BRONX**	**Agency's Number**	: **X160**
Program / Asset #	: **BOE0296.000 / 1097**	**Yr Built/Renovated**	: **1972 / 2011**
Area Sq Ft	: **111,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-May-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5135** **Lot** : **200**	**BIN**	: **2072352**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$187,600	$2,513,000
Interior Architecture	$509,200	$329,100
Electrical	$176,300	$1,114,500
Mechanical	$762,500	$3,061,500
Site Enclosure	$52,800	
Site Pavements	$63,300	$1,265,300
Total	**$1,751,800**	**$8,283,500**
Importance Code A	$187,600	$2,844,700
Importance Code B	$1,448,200	$5,438,700
Importance Code C	$116,000	
Total	**$1,751,800**	**$8,283,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$28,300	$10,600	
Interior Architecture	$103,200	$6,200		$17,500
Electrical	$4,600	$85,100	$4,300	$3,300
Mechanical	$87,100	$11,500	$23,400	$11,500
Site Pavements	$2,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$201,200**	**$135,000**	**$42,200**	**$36,300**
Importance Code A	$5,500	$34,000	$16,100	$5,500
Importance Code B	$152,200	$101,000	$26,200	$30,800
Importance Code C	$43,600			
Total	**$201,200**	**$135,000**	**$42,200**	**$36,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$28,900	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	65%	Now	$61,900	LIFE	* *	5	$37,600	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Bulkhead Stair And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 2 At Second Floor								
Pre-Cast Concrete	25%			LIFE	* *	5	$47,000	
Windows								
Aluminum	100%			2046	* *	5	$21,100	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$11,100	
Pre-Cast Concrete	30%			LIFE	* *	5	$29,900	
Roof								
IRMA/Protected Membrane	75%	2-4	$125,600	2030	$2,513,000			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Patch Locations And Upper Roof								
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Patch Locations And Upper Roof								
Metal Panel	5%			2043	* *	10	$13,000	
Modified Bitumen	20%			2035	* *	10	$28,300	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$25,300	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	3%	Now	$14,000	2033	$279,000	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	5%			2035	* *	5	$12,400	
Vinyl Tile	85%	Now	$193,700	2035	* *	3	$52,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	Now	$14,300	2039	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Concrete Masonry Unit	7%			LIFE	* *	5	$4,900	
Folding Partition	5%			2038	* *	5	$21,700	
Masonry: Brick	10%			LIFE	* *			
Metal Panel	15%	0-2	$26,900	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	30%	Now	$63,200	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms 144 And 260								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Classrooms 144 And 260								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	Now	$154,800	2035	* *	5	$20,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Struc: Concrete	10%	0-2	$48,000	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Classroom 106								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	$50,100	
Plaster	40%	Now	$97,500	LIFE	* *	5	$40,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$52,800	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Small Play Yard								
Explanation : Footing Failure								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$2,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Exit Steps								
Activity Yard								
Asphalt	100%	Now	$63,300	2033	$1,265,300			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Small Play Yard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Small Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$234,100	5	$400	
Fused Disc Sw	10%			2050	* *	5		
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	30%			2029	$71,800	5	$800	
Molded Case Bkrs	10%			2046	* *	5	$300	
Molded Case Bkrs	60%			2029	$143,700	5	$1,800	
Wiring								
Thermoplastic	85%			2030	$290,600	1		
Thermoplastic	10%			2050	* *	1		
Thermoplastic	5%			2060	* *	1		
Motor Controllers								
Locally Mounted	50%			2035	* *	5	$400	
Locally Mounted	50%			2043	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$101,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	40%			2025	$74,500	10	$10,700	
Exit, Service	60%			2025	$28,700	1		
Exterior Lighting								
HID	20%			2030	$103,600	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$41,700	1	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm And Cameras								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2035	* *	1-3	$27,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Alarm Bells And Strobe Lights, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%	Now	$24,900	2040	* *	1		
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Pneumatic Controls In Basement Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Supplied From Co-Op City								
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%			2033	$280,300	1	$54,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2038	* *	4	$5,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%			2030	$1,044,400	1	$34,300	
Convector/Radiator	50%			2035	* *	1	$17,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2025	$420,500	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Interior	20%			2025	$98,500	2	$700	
Roof	80%			2025	$172,300	2	$2,700	
Broken, Extent : Severe, Area Affected : 10%								
Location : Isolation Valves								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$71,300	2030	$1,425,600	1		
Broken, Extent : Severe, Area Affected : 20%								
Location : Isolation Valves								
HW Heat Exchanger								
HTHW/HW	100%	4+	$15,600	2030	$311,100			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Corrosion At The Bottom Of The Tank								
Sanitary Piping								
Cast Iron	100%	Now	$28,000	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Kindergarten Classroom								
Storm Drain Piping								
Cast Iron	100%	Now	$7,800	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2030	$22,200	4	$2,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2050	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 160 - Q**		
Address	: **109-59 INWOOD STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q160**
Program / Asset #	: **BOE0807.000 / 1530**	**Yr Built/Renovated**	: **1938 / 2007**
Area Sq Ft	: **68,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **11942** **Lot** : **302**	**BIN**	: **4258143**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$398,000	$91,300
Interior Architecture	$288,700	
Electrical	$183,200	$693,700
Mechanical	$1,418,900	$765,000
Site Pavements	$57,400	$41,200
Total	**$2,346,200**	**$1,591,100**
Importance Code A	$753,600	$91,300
Importance Code B	$1,592,600	$1,499,800
Total	**$2,346,200**	**$1,591,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$179,000	$1,000		$7,100
Electrical	$10,800	$2,000	$70,700	$1,400
Mechanical	$56,800	$9,500	$64,300	$10,800
Site Enclosure	$35,100			
Site Pavements	$24,200			
Total	**$305,900**	**$12,500**	**$134,900**	**$19,200**
Importance Code A		$6,700	$6,900	$6,700
Importance Code B	$175,400	$5,300	$128,000	$12,500
Importance Code C	$130,400	$500		
Total	**$305,900**	**$12,500**	**$134,900**	**$19,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$150,300	LIFE	* *	5	$91,300	
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Painted Surfaces Facing Courtyard								
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : Ground Level At Courtyard Facing Playground								
Recent Repair Evident, Extent : N/A, Area Affected : 45%								
Location : Exterior Facade Brick Repointing								
Masonry: Granite	5%			LIFE	* *	5	$4,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Exterior Facade Elevations								
Explanation : Recent Painted Granite								
Masonry: Limestone	10%			LIFE	* *	5	$8,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Windows								
Aluminum	100%	Now	$247,700	2039	* *	5	$13,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout Classrooms								
Glazing Clouded, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Various Classrooms								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Ground Level								
Explanation : Security Grilles On Windows								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$18,200	
Recent Replace Evident, Extent : N/A, Area Affected : 85%								
Location : Parapets Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$2,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Exterior Facing Parapet								
Pre-Cast Concrete	10%			LIFE	* *	5	$14,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet Copping Stones								
Roof								
Fluid Applied Roofing	100%			2066	* *			
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	Now	$35,100	LIFE	* *	5	$45,100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Boiler And Mechanical Areas								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Areas In Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Boiler Pit								
Ceramic Tile	3%	0-2	$17,400	2034	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Missing Tile In Girls Bathroom On Third Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Unrenovated Bathrooms Throughout								
Ceramic Tile	1%			2040	* *	5	$1,000	
Terrazzo	5%			LIFE	* *	5	$4,000	
Vinyl Tile	30%	0-2	$17,100	2036	* *	3	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classroom Thresholds, 305								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Classroom 302								
Vinyl Tile 9" X 9"	25%	Now	$227,300	2041	* *	3	$9,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Classroom 409								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair Landings, Auditorium, Third And Fourth Floor Classrooms And Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Wood	10%	Now	$61,400	2046	* *	5	$9,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : Fourth Floor Classrooms								
Ridging, Extent : Moderate, Area Affected : 15%								
Location : Fourth Floor Classrooms								
Wood	4%			2059	* *	5	$7,700	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Not Accessible	2%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Kitchen								
Explanation : No Access								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	0-2	$36,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Pit								
Ceramic Tile	3%	0-2	$3,100	2034	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Staff Bathroom On First Floor								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms On Second Through Fourth Floors								
Ceramic Tile	1%			2040	* *	5	$1,000	
Masonry: Brick	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Cafeteria, Offices And Below Window Sills In Classrooms								
Explanation : Glazed Brick								
Masonry: Brick	10%	Now	$36,200	LIFE	* *			
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Basement								
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : Stairwells								
Explanation : Metal And Glass Stairwell Partition								
Marble Panels	3%			LIFE	* *			
Plaster	50%	Now	$23,100	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classroom 409, Entrance Lobby And Various Classrooms And Offices Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 1%								
Location : Classroom 409								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$6,600	2044	* *	5	$5,200	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Cafeteria								
AcousTileSusp.Lay-In	1%			2044	* *	5	$1,000	
Exposed Struc: Concrete	19%			LIFE	* *	5	$3,100	
Plaster	70%			LIFE	* *	5	$45,100	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	65%	Now	$19,800	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Missing Components At Perimeter Fence And Broken Hardware At Gates								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout Perimeter Fence Around Playground								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Playground Perimeter Fence								
Explanation : Bulging								
Iron Picket	35%	Now	$4,600	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout Perimeter Fence And Gates								
Impact Damage, Extent : Moderate, Area Affected : 3%								
Location : Glassboro Avenue								
Retaining Walls								
Cast in Place Concrete	100%	Now	$10,700	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Curbs At Iron Picket Fence At Inwood Street And Glassboro Avenue, And At Chain Link Fence Curb At Rear Playground								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Curbs At Iron Picket Fence At Inwood Street And Glassboro Avenue, Curb At Chain Link Fence At Rear Of Playground, And At Window Wells								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	99%	Now	$55,200	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Glassboro Avenue								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 110th Avenue, Curbs And Sidewalk On Glassboro Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 110th Avenue								
Cast in Place Concrete	1%	Now	$2,200	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Trench Covers On Inwood Street And Glassboro Avenue								
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Rusted And Delaminated Trench Covers On Inwood Street And Glassboro Avenue								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Trenh Cover On Inwood Street								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Trench Cover At Inwood Street								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inwood Street And Glassboro Avenue								
Explanation : Cast Iron Trench And Drain Cover								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	70%	Now	$5,500	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Walkway Around Trailers								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Walkway Around Trailers								
Cast in Place Concrete	30%			2036	* *			
Parking/Driveway								
Asphalt	100%	Now	$2,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : In Dumpster Area And Parking Area								
Potholes, Extent : Moderate, Area Affected : 3%								
Location : Parking Area								
Activity Yard								
Asphalt	10%	Now	$3,500	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Courtyard Play Area Between Main Building And Trailers								
Asphalt	65%			2040	* *			
Pavers/Stone	5%			2040	* *			
Rubber Matting	10%	0-2	$800	2036	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Small Jungle Gymnasium Area								
Rubber Matting	10%	Now	$12,300	2031	$41,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Running Track								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Running Track								
Explanation : Delaminated Surface								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	95%			2031	$137,400	1		
Conduit	5%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2047	* *	5	$200	
Molded Case Bkrs	75%			2030	$134,700	5	$1,300	
Wiring								
Braided Cloth	60%	2-4	$119,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	35%			2031	$69,900	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$400	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$61,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$8,200	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$63,500	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2034	* *	5	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$25,500	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm System, Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$35,100	1-3	$8,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$158,100	5	$21,100	
Conversion Equipment								
Steam Boiler	100%	2-4	$355,600	2051	* *	1	$60,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$10,900	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Return Pipe, Boiler Room, Valve Leaks On Side Of No.1 Boiler								
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Auto Water Feed System, Boiler Room								
Terminal Devices								
Air Handler	10%	0-2	$2,600	2026	$128,000	1	$3,800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motor Of The Unit For Cafeteria								
Air Handler	10%			2026	$128,000	1	$4,200	
Convector/Radiator	50%			2029	$278,000	1	$11,000	
Fan Coil Unit/Heat	30%	0-2	$10,100	2026	$505,800	1	$5,900	
Not in Service, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	0-2	$3,900	2026	$38,600	1		
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$6,000	LIFE	* *	2-5	$3,800	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : 1 Actuator In Boiler Room								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$34,100	
Exhaust Fans								
Interior	20%	0-2	$1,200	2026	$60,300	2	$300	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motor Of The Unit For Cafeteria								
Interior	80%			2026	$241,300	2	$1,700	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	15%	0-2	$2,600	2041	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 5%								
Location : Not Working, Basement								
Brass/Copper	85%			2041	* *	1		
HW Heat Exchanger								
Steam Fired	60%	0-2	$3,900	2031	$197,300	4	$4,000	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Return Motor, Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Bottom Of The Unit, Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Not Energy Efficient								
Steam Fired	40%			2031	$131,500	4	$2,700	
Sanitary Piping								
Cast Iron	20%	0-2	$3,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Corner Of 110th Avenue And Inwood Street								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,800	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Leaks To 3rd Floor Gymnasium								
Sump Pump(s)								
Non-Submersible	100%	Now	$5,400	2041	* *	4	$1,400	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$47,000	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 160 ANNEX - BK INCLUDING ACCESS BRIDGE**		
Address	: **1057 52ND STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K521**
Program / Asset #	: **BOE0460.010 / 14881**	**Yr Built/Renovated**	: **2012 /**
Area Sq Ft	: **60,671**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Sep-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5653** **Lot** : **55**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$147,000	$161,000
Interior Architecture	$119,000	$64,900
Electrical		$55,600
Mechanical		$326,400
Total	**$265,900**	**$607,900**
Importance Code A	$147,000	$161,000
Importance Code B		$382,000
Importance Code C	$119,000	$64,900
Total	**$265,900**	**$607,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$110,800		$7,500	
Interior Architecture	$106,700		$50,100	$43,000
Electrical	$12,700	$9,900	$11,300	$12,300
Mechanical	$70,000	$55,700	$35,200	$29,400
Site Pavements	$6,300			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$316,300**	**$75,500**	**$114,100**	**$94,500**
Importance Code A	$113,800	$3,000	$10,500	$3,000
Importance Code B	$153,200	$72,500	$103,600	$55,500
Importance Code C	$49,300			$36,100
Total	**$316,300**	**$75,500**	**$114,100**	**$94,500**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 160 ANNEX - BK INCLUDING ACCESS BRIDGE
Asset # : 14881

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$39,000	LIFE	* *	5	$76,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Along 52nd Street 3rd, 4th And 5th Floor Windows								
Masonry: Brick Cavity	86%	Now	$147,000	LIFE	* *	5	$84,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Along 52nd Street 3rd, 4th And 5th Floor Windows								
Metal Panel	2%			2053	* *	5-10	$13,500	
Window Wall	2%			2053	* *	5	$7,400	
Windows								
Aluminum	98%			2049	* *	5	$12,500	
Metal Louvers	2%			2042	* *	10	$1,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$26,900	
Masonry: Brick	40%			LIFE	* *	5-10	$25,900	
Metal Panel	5%			2053	* *	5	$1,800	
Metal Rail	5%			2046	* *	5-10	$8,600	
Pre-Cast Concrete	40%			LIFE	* *	5	$47,700	
Roof								
IRMA/Protected Membrane	100%			2038	* *	10	$31,700	
Soffits								
Metal Panel	10%			2053	* *	5-10	$1,400	
Stucco Cement	90%			2046	* *	5	$4,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,900	
Ceramic Tile	15%			2042	* *	5	$13,600	
Quarry Tile	3%			2046	* *	5	$4,100	
Steel Grating	2%			2053	* *	1		
Vinyl Tile	1%	2-4	$12,500	2038	* *	3	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Hallway And Basement								
Vinyl Tile	69%			2038	* *	3	$23,500	
Wood	5%			2061	* *	5	$8,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$30,000	
Ceramic Tile	30%			2042	* *	5	$72,100	
Concrete Masonry Unit	20%			LIFE	* *	5	$38,500	
Gypsum Board	45%			LIFE	* *	5-10	$183,900	

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DEPARTMENT OF EDUCATION - 040
P. S. 160 ANNEX - BK INCLUDING ACCESS BRIDGE
Asset # : 14881

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%			2046	* *	5	$72,000	
Exposed Struc: Steel	5%	Now	$20,400	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	5%			LIFE	* *	5-10	$14,600	
Metal Panel	5%			LIFE	* *	5	$10,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Metal Panel Lay In								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2059	* *			
Iron Picket	35%			2077	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	85%			2042	* *			
Cast in Place Concrete	15%			2046	* *			
Activity Yard								
Asphalt	50%	0-2	$4,300	2042	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 10%								
Location : Play Area								
Rubber Matting	50%	Now	$2,000	2038	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$1,600	
Wiring								
Thermoplastic	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 160 ANNEX - BK INCLUDING ACCESS BRIDGE
Asset # : 14881

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$300	
Variable Frequency Drive	30%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$18,700	
Generators								
Natural Gas	100%			2042	* *	1	$23,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : No Available Nameplate Rating Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$54,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$7,300	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$300	
Alarm								
Security System								
Generic	100%			2038	* *	1	$22,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040
P. S. 160 ANNEX - BK INCLUDING ACCESS BRIDGE
Asset # : 14881

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$37,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Light, Manual Pull Stations Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	70%			2038	* *	1	$21,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Hot Water Boiler	30%			2046	* *	1	$9,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2049	* *	4	$1,300	
No Component	70%							
Terminal Devices								
Convector/Radiator	30%			2046	* *	1	$5,900	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%	Now	$10,200	2038	* *	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Units No.2, No.4 And No.5 On Roof								
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Rooftop Units, Roof								
Ext Pkg Unit - Heating/Cooling	88%			2038	* *	2	$3,300	
Split Unit	2%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Roof								
Ventilation								

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DEPARTMENT OF EDUCATION - 040
P. S. 160 ANNEX - BK INCLUDING ACCESS BRIDGE
Asset # : 14881

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	5%	Now	$6,700	LIFE	* *	2-5	$1,700	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Building Management System								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$50,900	
Exhaust Fans								
Roof	100%			2038	* *	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$5,100	2033	$17,100	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 5th Floor Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$3,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Elevators								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$17,000	
Fire Pump								
Generic	100%			2042	* *	1	$11,300	
Chemical System								
Generic	100%			2031	$326,400	1-3	$297,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen, 80 Square Feet Are Protected								
Explanation : 2 Sets								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 161 - BK**				
Address	: **330 CROWN STREET BTWN: NOSTRAND AVE, NEW YORK AVE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K161**
Program / Asset #	: **BOE0461.000 / 11**			**Yr Built/Renovated**	: **1923 / 2008**
Area Sq Ft	: **92,753**			**Project Type**	: **EDUCATION**
Date of Survey	: **19-Jun-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5**				
Block	: **1297**	**Lot**	: **26**	**BIN**	: **3034181**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,372,100	$184,400
Interior Architecture	$1,072,400	$1,174,600
Electrical	$436,400	$181,600
Mechanical	$988,300	$1,612,600
Site Pavements		$558,900
Total	**$4,869,200**	**$3,712,100**
Importance Code A	$2,372,100	$184,400
Importance Code B	$1,476,500	$3,460,500
Importance Code C	$1,020,600	$67,200
Total	**$4,869,200**	**$3,712,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,800	$46,000		
Interior Architecture	$63,400	$28,600	$505,000	$4,700
Electrical	$2,700	$54,200	$4,300	$2,600
Mechanical	$111,200	$13,000	$20,800	$13,900
Site Enclosure	$500			
Site Pavements	$27,900			
Total	**$244,600**	**$141,800**	**$530,000**	**$21,200**
Importance Code A	$48,000	$55,300	$9,200	$9,200
Importance Code B	$187,400	$86,400	$520,800	$12,000
Importance Code C	$9,100			
Total	**$244,600**	**$141,800**	**$530,000**	**$21,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$55,800	
Masonry: Brick	90%	2-4	$211,800	LIFE	* *	5	$128,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkhead								
Masonry: Limestone	5%			LIFE	* *	5	$5,400	
Windows								
Aluminum	100%	Now	$2,160,300	2055	* *	5	$22,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,600	
Masonry: Brick	6%	2-4	$38,800	LIFE	* *	5	$1,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Masonry: Brick	89%			LIFE	* *	5	$15,200	
Roof								
Asphalt Macadam	15%			2030	$37,700	5	$5,100	
Built-Up (BUR)	85%			2035	* *	10	$43,400	
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Lower Roof								
Interior								
Floors								
Carpet	20%			2026	$491,100	3	$41,600	
Ceramic Tile	5%			2039	* *	5	$6,900	
Marble Panels	3%			LIFE	* *	5	$3,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Main Stairs								
Quarry Tile	3%			2043	* *	5	$6,200	
Sheet Vinyl/Rubber	10%			2035	* *	5	$20,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : 9x9 Tiles Evident As Substrate								
Terrazzo	5%	Now	$13,000	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	27%	2-4	$51,800	2030	$1,035,500	3	$14,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%			2040	* *	3	$7,800	
Wood	12%			2045	* *	5	$31,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	7%	Now	$366,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement								
Cast in Place Concrete	3%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	$17,200	
Masonry: Brick	7%	Now	$229,600	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Roof Level Stair Bulkhead								
Masonry: Brick	3%			LIFE	* *			
Metal Panel	3%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Marble Panels	5%	Now	$151,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	2-4	$272,400	LIFE	* *	5	$67,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	10%	Now	$38,300	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	90%			LIFE	* *	5	$72,000	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%	Now	$500	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Fence Posts								
Chain Link	80%			2050	* *			
Iron Picket	15%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Masonry: Fieldstone	100%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	5%			2033	$1,500			
Cast in Place Concrete	90%			2035	* *			
Pavers/Stone	5%			2033	$9,200			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%	0-2	$27,900	2033	$558,900			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2050	* *	5	$100	
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	5%			2029	$12,000	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$2,200	
Wiring								
Braided Cloth	70%	2-4	$204,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2035	* *	10	$79,100	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2035	* *	10	$4,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2025	$22,000	10	$100	
Egress Lighting								
Emergency, Battery	40%			2025	$62,300	10	$9,000	
Emergency, Battery	10%			2035	* *	10	$2,200	
Exit, Service	45%			2025	$18,000	1		
Exit, Service	5%			2035	* *	1		
Exterior Lighting								
HID	20%	Now	$86,600	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$10,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$17,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 6,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$91,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$14,900	2030	$742,800			
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Defective Distribution Control Valves								
Terminal Devices								
Air Handler	25%	Now	$43,600	2025	$436,400	1	$12,900	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Gymnasium Blower								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Various								
Explanation : All Air Outlets Are Being Blocked Out Except Auditorium For Long Time.								
Convector/Radiator	75%			2028	$568,800	1	$22,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	40%			2025	$140,600	1		
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,700	
Exhaust Fans								
Interior	100%	Now	$41,100	2025	$411,400	2	$2,300	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : 2 Of 4 Units, Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$236,800	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$64,100	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 161 - BX**				
Address	: **620 TINTON AVENUE @E. 151 STREET**				
Borough	: **BRONX**		**Agency's Number**	: **X161**	
Program / Asset #	: **BOE0297.000 / 391**		**Yr Built/Renovated**	: **1968 / 2015**	
Area Sq Ft	: **87,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **04-Mar-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **2664**	**Lot** : **29**	**BIN**	: **2004773**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$253,000	$91,000
Interior Architecture	$19,757,700	$210,000
Electrical	$306,400	$878,500
Mechanical		$807,200
Site Pavements	$76,100	
Total	**$20,393,200**	**$1,986,700**
Importance Code A	$253,000	$91,000
Importance Code B	$19,995,000	$1,895,700
Importance Code C	$145,200	
Total	**$20,393,200**	**$1,986,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,100		$24,100	$18,100
Interior Architecture	$140,800		$3,400	$13,500
Electrical	$3,300	$1,800	$124,200	$700
Mechanical	$27,700	$23,000	$33,200	$14,700
Site Enclosure	$7,500			
Site Pavements	$13,900			
Total	**$232,400**	**$24,700**	**$184,800**	**$46,900**
Importance Code A	$47,700	$8,600	$32,900	$26,700
Importance Code B	$76,000	$16,100	$152,000	$20,200
Importance Code C	$108,600			
Total	**$232,400**	**$24,700**	**$184,800**	**$46,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$3,600	
Masonry: Brick	80%			LIFE	* *	5	$91,000	
Masonry: Brick Cavity	10%			LIFE	* *	5	$11,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$18,500	
Windows								
Aluminum	100%			2047	* *	5	$36,200	
Parapets								
Masonry: Brick	80%	4+	$30,800	LIFE	* *	5	$12,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal: Cage/Fence	5%			2044	* *	5-10	$5,900	
Pre-Cast Concrete	15%			LIFE	* *	5	$14,300	
Roof								
IRMA/Protected Membrane	50%	Now	$253,000	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Insul Miss/Displaced, Extent : Severe, Area Affected : 30%								
Location : Main Roof								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Main Roof								
Metal Panel	5%			2044	* *	10	$4,900	
Modified Bitumen	45%			2036	* *	10	$24,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Ceramic Tile	5%	Now	$19,000	2040	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Mosaic Tile	4%	Now	$303,100	2051	* *	5	$6,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Patching Evident, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Vinyl Tile 9" X 9"	80%	Now	$380,100	2026	$19,005,400	3	$40,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	1%			2059	* *	5	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$35,500	2040	* *	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$48,500	LIFE	* *	5	$10,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement								
Folding Partition	5%			2039	* *	5	$32,300	
Plaster	55%	Now	$69,100	LIFE	* *	5	$42,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : N/A, Area Affected : 66%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$6,700	
AcousTileConcealSpLn	5%	Now	$5,400	2036	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	Now	$4,500	2044	* *	5	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	58%			LIFE	* *	5	$12,200	
Fiber Board	10%	Now	$10,500	2031	$210,000			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout Cafeteria								
Metal Panel	2%			LIFE	* *	5	$3,400	
Plaster	10%			LIFE	* *	5	$8,400	
Repairs in Progress, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	90%	0-2	$7,500	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Iron Picket	10%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$13,000	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Tinton Avenue								
On-Site Walkways								
Cast in Place Concrete	98%	Now	$76,100	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Side Walkways Behind Iron Picket Fences, Side Yards								
Sinking/Subsiding, Extent : Severe, Area Affected : 2%								
Location : Side Walkways								
Masonry: Granite	2%	4+	$900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Platform Steps At Exit Doors								
Activity Yard								
Asphalt	95%			2040	* *			
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2031	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	100%			2031	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Knife Sw	1%	2-4	$2,400	2056	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Molded Case Bkrs	89%			2030	$213,200	5	$2,000	
Wiring								
Braided Cloth	80%	2-4	$233,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 70%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$58,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	69%			2039	* *	10	$55,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2039	* *	10	$3,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Crawlspace								
HID	2%			2026	$20,600	10	$100	
LED	25%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$73,000	10	$10,500	
Exit, Service	50%			2026	$18,800	1		
Exterior Lighting								
HID	10%			2026	$40,600	10		
LED	10%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$32,700	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2051	* *	5	$27,000	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$86,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$6,400	
Terminal Devices								
Air Handler	40%			2036	* *	1	$21,500	
Convector/Radiator	30%			2036	* *	1	$8,400	
Convector/Radiator	5%	Now	$1,800	2036	* *	1	$1,300	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : First Floor Hallway And 4th Floor								
Fan Coil Unit/Heat	25%			2031	$539,300	1	$7,000	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2031	$190,800	2	$1,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Used For Ventilation Only								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,500	
Exhaust Fans								
Interior	20%			2031	$77,200	2	$500	
Roof	80%	0-2	$13,500	2036	* *	2	$1,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 10 Percent Roof Exhaust Are Malfunctioning Due To Burnt Motor								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2044	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$12,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2025	$2,700	4	$2,800	
Sewage Ejector(s)								
Electric	100%			2031	$45,600	4	$3,500	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 161 - M**
Address : **499 W 133 ST/ 1481 AMSTERDAM AVE BTWN: AMSTERDAM AV - CONVENT AV**
Borough : **MANHATTAN** | **Agency's Number** : **M161**
Program / Asset # : **BOE0097.000 / 1649** | **Yr Built/Renovated** : **1962 / 2003**
Area Sq Ft : **99,876** | **Project Type** : **EDUCATION**
Date of Survey : **16-Oct-2018** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,Mez,2**
Block : **1971** **Lot** : **1** | **BIN** : **1059645**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$552,800	$747,100
Interior Architecture	$851,800	$14,799,000
Electrical	$913,300	$451,900
Mechanical	$491,800	$649,500
Site Pavements		$196,300
Total	**$2,809,700**	**$16,843,900**
Importance Code A	$552,800	$747,100
Importance Code B	$2,109,500	$12,184,000
Importance Code C	$147,500	$3,912,800
Total	**$2,809,700**	**$16,843,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,700	$40,100		
Interior Architecture	$46,500	$10,400		$14,000
Electrical	$16,000	$41,800	$6,800	$5,600
Mechanical	$20,000	$41,500	$22,600	$19,500
Site Pavements	$37,800			
Total	**$133,900**	**$133,800**	**$29,400**	**$39,200**
Importance Code A	$23,600	$50,200	$9,900	$9,900
Importance Code B	$110,400	$83,500	$19,500	$29,300
Importance Code C				
Total	**$133,900**	**$133,800**	**$29,400**	**$39,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	88%	2-4	$552,800	LIFE	* *	5	$63,500	
Expansion Joint Failure, Extent : Light, Area Affected : 15%								
Location : East And North East Facades (Horizontal)								
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : East Facade, North East Corner								
Paint Peeling, Extent : Light, Area Affected : 40%								
Location : All Facades								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Southwest Corner								
Rusting Masonry Supt, Extent : Light, Area Affected : 25%								
Location : Window Openings All Facades								
Metal Panel	2%			2050	* *	5-10	$9,900	
Metal: Cage/Fence	10%			2043	* *	5	$31,600	
Windows								
Aluminum	100%			2038	* *	5	$28,700	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$9,200	
Metal Panel	5%			2040	* *	5	$2,600	
Metal Rail	25%			2035	* *	5-10	$59,500	
Roof								
Built-Up (BUR)	70%	Now	$13,700	2030	$683,700			
Alligatoring, Extent : Light, Area Affected : 5%								
Location : South Side								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Southwest Area								
Copper/Terne	3%			2058	* *	10	$6,300	
Paver: Asphalt	26%			2039	* *	10	$32,600	
Skylight, Metal/Glass	1%			2040	* *	10	$2,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$49,100	
Mosaic Tile	2%	0-2	$14,000	2043	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Boys Toilets, Around Floor Mounted Urinals								
Quarry Tile	3%			2035	* *	5	$6,700	
Vinyl Tile	40%	2-4	$82,600	2030	$1,651,900	3	$22,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement, Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout Basement, Cafeteria								
Vinyl Tile 9" X 9"	35%	Now	$461,700	2030	$9,234,300	3	$19,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout Classrooms								
Wood	5%			2045	* *	5	$14,000	
Interior Walls								
Ceramic Tile	25%	Now	$78,300	2033	$3,912,800	5	$35,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Corridors, Stairwells, Cafeteria								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$17,100	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	50%	Now	$69,200	LIFE	* *	5	$42,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Roof Stairs								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	44%	Now	$102,500	2035	* *	5	$39,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement, Cafeteria, Corridors 1st And 2nd Floor								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	Now	$6,000	2035	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,400	
Metal Panel	6%	0-2	$57,500	LIFE	* *	5	$10,900	
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Kitchen								
Plaster	30%	Now	$26,400	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Girls Toilet 2nd Floor								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Girls Toilet 2nd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	50%			2065	* *			
Masonry: Brick	50%			2050	* *			
Retaining Walls								
Masonry: Brick	50%			2050	* *			
Masonry: Fieldstone	50%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$37,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	90%			2039	* *			
Cast in Place Concrete	10%			2043	* *			
Activity Yard								
Rubber Matting	100%			2030	$196,300			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : There Is A 2,500 Ampere Main Disconnect Switch, The Switch Is In Good Condition.								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : There Is A 200 Ampere Main Disconnect Switch For Emergency Load. The Switch Is In Good Condition.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	95%			2030	$191,700	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$12,000	5	$100	
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$2,400	
Wiring								
Braided Cloth	65%	2-4	$189,600	2055	* *	1		
Other Observation, Extent : Light, Area Affected : 75%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2030	$58,300	1		
Thermoplastic	5%			2050	* *	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : The System Is Old And There Is Sign Of Corrosion.								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$82,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fixtures Are T-8 Lamp Type. They Are In Good Condition.								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium								
Explanation : The LED Type Fixtures Are In Good Condition.								

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$12,100	
Exit, Service	50%			2025	$21,500	1		
Exterior Lighting								
HID	100%			2025	$466,000	10	$300	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2025	$257,600	1-3	$61,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2050	* *	5	$30,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$98,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two No 2 Oil Burning, Gas Ingnition Steam Boilers								
Distribution								
Steam Piping/Pump	30%			2050	* *			
Steam Piping/Pump	70%			2040	* *			
Terminal Devices								
Air Handler	20%			2030	$375,900	1	$12,400	
Convector/Radiator	80%			2035	* *	1	$25,800	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$118,600			
Window/Wall Unit	85%			2025	$321,600	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$11,100	
No Component	80%							
Exhaust Fans								
Interior	20%			2025	$88,600	2	$600	
Roof	80%			2030	$155,000	2	$2,400	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%			2035	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Various Areas								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,100	
Backflow Preventer								
No Component	80%							
Generic	20%			2038	* *	1	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Backflow Preventer Serves Boiler Makeup Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Storage Area								
Explanation : Serves Storage Area Only								
Chemical System								
Generic	100%			2025	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 161 - Q**		
Address	: **101-33 124TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q161**
Program / Asset #	: **BOE1013.000 / 13406**	**Yr Built/Renovated**	: **2000 / 2016**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **9491** **Lot** : **1**	**BIN**	: **4200748**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$856,400	$203,100
Electrical		$1,246,800
Mechanical		$220,300
Site Enclosure	$58,700	
Total	**$915,100**	**$1,670,300**
Importance Code A	$856,400	$203,100
Importance Code B		$1,467,200
Importance Code C	$58,700	
Total	**$915,100**	**$1,670,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,400			$39,400
Interior Architecture	$7,800	$41,200	$6,700	$600
Electrical	$8,400	$21,500	$8,900	$9,700
Mechanical	$58,100	$27,900	$42,000	$34,700
Site Enclosure	$13,200			
Site Pavements	$28,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$170,400**	**$98,500**	**$65,400**	**$92,300**
Importance Code A	$55,200	$6,800	$7,500	$46,400
Importance Code B	$106,100	$91,700	$55,800	$45,900
Importance Code C	$9,200		$2,100	
Total	**$170,400**	**$98,500**	**$65,400**	**$92,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%	Now	$427,100	LIFE	* *	5	$98,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Various Locations Above And Below Expansion Joints. All Facades								
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Base Of Building								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Base Of Building								
Metal/Glass Curt Wall	10%	Now	$236,100	LIFE	* *	5	$26,300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Auditorium								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Windows Above Main Entrance								
Metal Panel	15%			2052	* *	5-10	$144,500	
Pre-Cast Concrete	5%	Now	$25,400	LIFE	* *	5	$22,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Decorative Elements At Window Openings On 124th Street Facade								
Windows								
Aluminum	90%	Now	$126,800	2048	* *	5	$13,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 1%								
Location : Classrooms								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 15%								
Location : Windows Throughout								
Metal Louvers	10%	Now	$3,300	2041	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Air Intake Vents Within Penthouse. Water Seeping To Floors Below								
Parapets								
Masonry: Brick	30%			LIFE	* *	5	$3,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Parapets Throughout								
Metal Rail	3%			2049	* *	5-10	$7,000	
Pre-Cast Concrete	7%			LIFE	* *	5	$5,700	
No Component	60%							
Roof								
Metal Panel	60%			2045	* *	10	$66,400	
Modified Bitumen	40%	Now	$13,200	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Leaking Into Library								

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Metal/Glass Curt Wall	100%	Now	$1,700	LIFE	* *	5	$900	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Supporting Steel Structures. Main Entrance								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Supporting Steel Structures. Main Entrance								
Interior								
Floors								
Carpet	1%	Now	$2,000	2031	$20,100	3	$1,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Library And Pincipals Office								
Cast in Place Concrete	10%			LIFE	* *	5	$24,900	
Ceramic Tile	8%			2041	* *	5	$9,100	
Panel/Paver: Cer/Brk	3%			2054	* *	5	$7,700	
Quarry Tile	5%			2045	* *	5	$8,500	
Slate	3%			LIFE	* *	5	$3,600	
Terrazzo	3%			LIFE	* *	5	$2,700	
Vinyl Tile	62%			2037	* *	3	$26,500	
Wood	5%			2060	* *	5	$10,700	
Interior Walls								
Ceramic Tile	2%			2041	* *	5	$4,200	
Concrete Masonry Unit	50%			LIFE	* *	5	$42,200	
Glass Block	3%			LIFE	* *			
Glass: Single Pane	2%			LIFE	* *	5	$3,200	
Gypsum Board	10%			LIFE	* *	5	$12,700	
Masonry: Brick	3%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$42,200	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$1,900	2045	* *	5	$2,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Library From Mechanical Penthouse Above. Air Intake Vents								
AcousTileSusp.Lay-In	40%			2045	* *	5	$45,600	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Penthouse And Basement								
Explanation : Component Actually Metal Decking								
Gypsum Board	35%			LIFE	* *	5	$49,800	
Metal Panel	10%			LIFE	* *	5	$14,200	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$9,200	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : All Perimeter Fencing								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : All Perimeter Fencing								

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	5%			2067	* *			
Masonry: Brick	20%	Now	$58,700	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 124th Street Perimeter Wall								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : 124th Street Perimeter Wall								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 124th Street Perimeter Wall								
Explanation : Efflorescence								
Masonry: Brick	75%			2052	* *			
Retaining Walls								
Masonry: Brick	100%	Now	$4,000	2052	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Retaining Walls Throughout Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	15%			2045	* *			
Pavers/Stone	85%			2041	* *			
Parking/Driveway								
Asphalt	100%			2041	* *			
Activity Yard								
Rubber Matting	15%	Now	$4,000	2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Playground								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Rubber Matting	20%	Now	$10,600	2037	* *			
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Astro Truf Field								
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Activity Yard								
Explanation : Astro Turf Field								
Traffic Topping	65%	Now	$14,200	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basketball Courts								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	20%			2037	* *	5	$100	
Motor Control Center	80%			2037	* *	5	$1,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$26,500	
Generators								
Diesel	100%			2035	* *	1	$33,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$19,200	
Fuel Storage								
Day Tank	1%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 60 Gallons Rated Capacity								
Main Tank	99%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 10,000 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$1,089,200	10	$67,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	$22,700	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2032	$23,400	1		
Exit, Service	50%			2032	$16,400	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$48,400	1	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$66,600	1-3	$15,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Toilets, Library, Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Interruptible Gas/Dual Fuel	90%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Radiant Heater	10%			2040	* *	2	$3,500	
Steam Boiler	5%	0-2	$1,700	2045	* *	1	$3,400	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Chemical Feed System, Boiler Room								
Steam Boiler	85%			2045	* *	1	$64,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	90%			2052	* *			
No Component	10%							
Terminal Devices								
Air Handler	60%			2037	* *	1	$28,200	
Convector/Radiator	30%			2045	* *	1	$7,400	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2037	* *	1	$35,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Sets In Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$5,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$47,100	
Heat Rejection								
Air Cooled Condenser Unit	100%			2032	$220,300	2	$53,000	
Ventilation								
Distribution								
Ductwork/Diffusers	20%	0-2	$13,400	LIFE	* *	2-5	$8,500	
Broken, Extent : Moderate, Area Affected : 2%								
Location : The Linkage Of The Damper In Penthouse Which Is A Maintenance Issue								
Unbalanced System, Extent : Light, Area Affected : 10%								
Location : Bathroom Section Of The Building								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$34,000	
Exhaust Fans								
Interior	100%			2037	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$5,400	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 2%								
Location : From Roof Drain Leaks To Library								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,700	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,100	
Backflow Preventer								
Generic	100%			2037	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 4th Floor, 1 Unit From Basement To Penthouse								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$38,400	
Sprinkler								
Generic	100%			2042	* *	1-2	$21,300	
Fire Pump								
Generic	100%			2035	* *	1	$14,200	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 162 - Q**		
Address	: **201-02 53 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q162**
Program / Asset #	: **BOE0808.000 / 1531**	**Yr Built/Renovated**	: **1937 / 2000**
Area Sq Ft	: **162,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7410** **Lot** : **1**	**BIN**	: **4159363**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$631,600	$551,400
Interior Architecture	$1,569,100	$1,819,100
Electrical	$557,700	$634,400
Mechanical	$92,100	$3,819,200
Total	**$2,850,500**	**$6,824,000**
Importance Code A	$631,600	$551,400
Importance Code B	$2,218,900	$6,272,700
Total	**$2,850,500**	**$6,824,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$10,600	
Interior Architecture	$22,400	$12,000		$13,500
Electrical	$5,800	$5,400	$4,700	$6,100
Mechanical	$11,900	$10,000	$55,900	$11,500
Site Enclosure	$6,400			
Total	**$46,600**	**$27,300**	**$71,200**	**$31,100**
Importance Code A			$10,600	$300
Importance Code B	$40,200	$27,300	$60,600	$30,800
Importance Code C	$6,400			
Total	**$46,600**	**$27,300**	**$71,200**	**$31,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$173,600	
Masonry: Granite	5%			LIFE	* *	5	$7,200	
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Windows								
Steel	15%	Now	$387,900	2056	* *	5	$53,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Gymnasium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Gymnasium								
Wood	85%			2047	* *	5	$487,400	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$19,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,400	
Roof								
Copper/Terne	5%			2046	* *	10	$10,600	
Modified Bitumen	95%			2039	* *	10	$80,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All New Roof Completed 2019								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,200	
Ceramic Tile	5%			2040	* *	5	$12,000	
Terrazzo	5%			LIFE	* *	5	$9,300	
Vinyl Tile	20%			2031	$1,322,000	3	$17,900	
Vinyl Tile	5%	Now	$99,100	2041	* *	3	$4,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Both Teacher Cafeterias And Classroom 209								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Vinyl Tile 9" X 9"	40%	Now	$844,600	2041	* *	3	$35,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	20%	Now	$570,800	2046	* *	5	$44,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Ridging, Extent : Severe, Area Affected : 5%								
Location : Auditorium Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$31,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2044	* *	5	$15,000	
AcousTileConcealSpLn	10%			2029	$385,000	5	$29,900	
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,700	
Plaster	60%			LIFE	* *	5	$89,700	
Plaster	15%	Now	$54,600	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooms 315, 321, 327, 330, 332								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 315, 321, 327, 330, 332								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$6,400	2066	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Exit Seven Railings								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	60%			2053	* *	5	$2,600	
Molded Case Bkrs	30%			2030	$101,800	5	$1,300	
Wiring								
Braided Cloth	60%	2-4	$239,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	40%			2057	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$127,000	5	$800	
Locally Mounted	30%			2048	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$145,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$19,600	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	30%			2026	$226,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$91,200	1	$18,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2039	* *	1-3	$30,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement, Gymnasium And Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Boiler Room Is Under Renovation								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Boiler Room Is Under Renovation. 1 Temporary Steam Boiler Is Being Used.								
Distribution								
Steam Piping/Pump	100%			2031	$1,297,300			
Terminal Devices								
Air Handler	20%			2031	$609,700	1	$20,000	
Convector/Radiator	60%			2036	* *	1	$31,400	
Fan Coil Unit/Heat	20%			2031	$803,300	1	$10,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	20%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 18 Units. R-410a								
Window/Wall Unit	15%			2026	$92,100	1		
No Component	65%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2036	* *	1	$10,500	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2036	* *	2	$22,600	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,300	
Exhaust Fans								
Interior	90%			2031	$646,600	2	$4,500	
Roof	10%			2026	$31,400	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	85%			2041	* *	1		
Galvanized Steel	15%			2029	$310,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Temporary Electrical Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$5,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Sewage Ejector(s)								
Electric	100%			2031	$84,800	4	$6,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$67,200	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 163 - BX**				
Address	: **2075 WEBSTER AVENUE @E. 180 STREET**				
Borough	: **BRONX**		**Agency's Number**	: **X163**	
Program / Asset #	: **BOE0299.000 / 392**		**Yr Built/Renovated**	: **1975 / 2011**	
Area Sq Ft	: **33,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Jan-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **3142**	**Lot** : **48**	**BIN**	: **2013297**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$313,700	
Electrical		$429,900
Mechanical		$1,067,700
Site Enclosure	$115,300	
Site Pavements		$52,900
Total	**$429,000**	**$1,550,500**
Importance Code A	$313,700	
Importance Code B		$1,550,500
Importance Code C	$115,300	
Total	**$429,000**	**$1,550,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$300		$7,400	$4,800
Interior Architecture	$64,900			$5,700
Electrical	$1,100	$1,200	$13,300	$1,000
Mechanical	$21,100	$6,300	$61,200	$6,300
Site Enclosure	$3,100			
Site Pavements	$73,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$167,700**	**$11,500**	**$85,800**	**$21,700**
Importance Code A	$3,600	$3,300	$10,700	$8,000
Importance Code B	$123,500	$8,200	$75,100	$13,700
Importance Code C	$40,500			
Total	**$167,700**	**$11,500**	**$85,800**	**$21,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$47,400	
Metal Panel	7%			2041	* *	5-10	$24,500	
Windows								
Aluminum	100%			2047	* *	5	$9,500	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$6,600	
Metal Panel	5%			2051	* *	5	$1,400	
Roof								
IRMA/Protected Membrane	100%	Now	$313,700	2041	* *			1
Insul Miss/Displaced, Extent : Severe, Area Affected : 25%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 20%								
Location : Main Roof								
Patching Evident, Extent : Severe, Area Affected : 25%								
Location : Main Roof								
Soffits								
Metal Panel	100%	4+	$300	2051	* *	5	$1,100	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,500	
Ceramic Tile	5%	0-2	$2,900	2040	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 2nd And 3rd Floor Toilets								
Vinyl Tile	90%			2036	* *	3	$22,800	
Interior Walls								
Ceramic Tile	3%	0-2	$3,800	2040	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	75%			LIFE	* *	5	$34,900	
Folding Partition	2%	0-2	$32,300	2047	* *	5	$2,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Multipurpose Room								
Unit Inoperable, Extent : Severe, Area Affected : 2%								
Location : Multipurpose Room								
Gypsum Board	20%			LIFE	* *	5	$14,000	
Ceilings								
AcousTileSusp.Lay-In	80%			2044	* *	5	$40,500	
Exposed Struc: Steel	20%			LIFE	* *			
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$115,300	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Iron Picket	20%	4+	$3,100	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Perimeter Of School								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	40%	Now	$31,600	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : East 180th Street								
Cast in Place Concrete	60%			2044	* *			
On-Site Walkways								
Asphalt	70%	0-2	$1,300	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Area								
Cast in Place Concrete	30%			2044	* *			
Activity Yard								
Asphalt	90%	Now	$40,300	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Rubber Matting	10%			2031	$52,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$22,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$130,000	5	$100	
Raceway								
Conduit	100%			2031	$61,200	1		
Panelboards								
Fused Disc Sw	10%			2030	$10,000	5	$100	
Molded Case Bkrs	90%			2030	$89,800	5	$800	
Wiring								
Thermoplastic	100%			2031	$77,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$30,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$4,000	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$12,400	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby, Hallway And Exit Doors								
Explanation : Intrusion Alarm Only With Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2051	* *	5	$10,200	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$32,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	100%			2031	$621,000	1	$20,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	15%			2039	* *	2	$300	
R-134a Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Ext Pkg Unit - Heating/Cooling	70%			2031	$388,100	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 85%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 70%								
Location : Roof								
Explanation : 4 Units								
Window/Wall Unit	15%	0-2	$900	2026	$18,800	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Various								
Explanation : 3 Out Of 20 Window Air Condition Units Out Of Service								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,400	
Exhaust Fans								
Interior	40%	0-2	$5,900	2031	$58,500	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof. Return Air Of Roof Fan 1 Motor Is Broken								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Various								
Explanation : 3 Exhaust Fans Not Working								
Roof	60%	0-2	$3,800	2031	$38,400	2	$500	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Roof								
Explanation : 2 Out Of 5 Roof Exhaust Fans Not Working Due To Broken Motor								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2026	$23,600	4		
HW Heat Exchanger								
Steam Fired	100%	Now	$3,200	2041	* *	4	$3,300	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Explanation : Boiler Heating Coil For Hot Water Is Defective								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	0-2	$1,300	2031	$6,600	4	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Pump Only Works Manually								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$16,600	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 163 - M**		
Address	: **163 WEST 97 STREET @ AMSTERDAM AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M163**
Program / Asset #	: **BOE0098.000 / 1650**	**Yr Built/Renovated**	: **1958 / 2017**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1852** **Lot** : **99**	**BIN**	: **1055908**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$89,500	$1,270,800
Interior Architecture	$140,600	$978,800
Electrical	$159,700	$906,200
Mechanical	$97,000	$1,302,000
Total	**$486,800**	**$4,457,700**
Importance Code A	$89,500	$1,872,200
Importance Code B	$317,400	$2,585,500
Importance Code C	$80,000	
Total	**$486,800**	**$4,457,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$78,200		$8,500	
Interior Architecture	$158,700		$10,400	$9,600
Electrical	$16,700	$6,400	$8,000	$6,500
Mechanical	$33,000	$11,300	$17,000	$13,400
Site Pavements	$2,300			
Total	**$288,900**	**$17,800**	**$43,900**	**$29,500**
Importance Code A	$85,000	$6,800	$15,300	$6,800
Importance Code B	$107,900	$11,000	$28,500	$15,400
Importance Code C	$95,900			$7,300
Total	**$288,900**	**$17,800**	**$43,900**	**$29,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - M

Asset # : 1650

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$8,000	
Masonry: Brick	73%			LIFE	* *	5	$62,000	
Metal/Glass Curt Wall	25%	4+	$89,500	LIFE	* *	5	$19,900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	98%			2049	* *	5	$31,700	
Metal Louvers	2%			2036	* *	10	$4,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$11,500	
Masonry: Brick	80%			LIFE	* *	5-10	$22,200	
Metal Rail	10%			2046	* *	5-10	$7,300	
Roof								
Built-Up (BUR)	98%			2033	$1,170,500	10	$100,300	
Copper/Terne	2%			2048	* *	10	$5,100	
Soffits								
Stucco Cement	100%			2038	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$48,500	
Ceramic Tile	3%			2042	* *	5	$3,300	
Terrazzo	3%			LIFE	* *	5	$5,200	
Vinyl Tile	75%			2038	* *	3	$31,200	
Vinyl Tile 9" X 9"	5%			2033	$978,800	3	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rooms 222, 315, 322								
Explanation : Vat								
Wood	4%	Now	$13,200	2061	* *	5	$4,200	
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	10%	Now	$44,200	LIFE	* *			
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Areaway Walls								
Ceramic Tile	5%			2042	* *	5	$14,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$11,600	
Plaster	50%			LIFE	* *	5-10	$123,600	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$43,600	
Ceilings								
AcousTile,Adhered	30%			2038	* *	5	$33,300	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$27,700	
Plaster	50%			LIFE	* *	5-10	$95,300	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2053	* *			
Iron Picket	30%			2068	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - M

Asset # : 1650

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Steps At Entry								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Steps At Entry								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	40%			2046	* *			
Cast in Place Concrete	50%			2050	* *			
Pavers/Stone	10%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3 Vertical Sections								
Molded Case Bkrs	10%			2043	* *	5	$200	
Raceway								
Conduit	85%			2033	$122,900	1		
Conduit	15%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	5%			2032	$9,000	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - M

Asset # : 1650

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	0-2	$159,700	2058	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	93%			2041	* *	10	$58,900	
Other Observation, Extent : N/A, Area Affected : 98%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2028	$16,300	10		
Incandescent	5%			2028	$95,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	$57,900	10	$8,300	
Exit, Service	50%			2028	$14,900	1		
Exterior Lighting								
HID	100%			2033	$322,000	10	$200	
Alarm								
Security System								
Generic	100%			2028	$129,500	1	$25,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Offices And Exit Doors								
Explanation : Intrusion Alarm, Motion Sensor And Security Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$42,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$21,400	
Conversion Equipment								
Steam Boiler	100%			2031	$601,400	1	$68,300	
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$97,000	2043	* *	4	$3,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Return Pump in Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - M

Asset # : 1650

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2033	$259,700	1	$8,500	
Convector/Radiator	80%			2038	* *	1	$17,800	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Window/Wall Unit	75%			2031	$196,000	1		
Recent Installation, Extent : N/A, Area Affected : 65%								
Location : Throughout								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,900	
Exhaust Fans								
Interior	80%			2033	$244,800	2	$1,700	
Roof	20%			2033	$26,800	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$6,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	0-2	$1,100	2026	$2,100	4	$1,500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement. Temporary Pump Presently Being Used.								
Sewage Ejector(s)								
Electric	100%			2033	$36,100	4	$4,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 163 - Q**
Address : **159-01 59 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0809.000 / 1532**
Area Sq Ft : **114,000**
Date of Survey : **26-Oct-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **6726** **Lot** : **70**

Agency's Number : **Q163**
Yr Built/Renovated : **1935 / 2003**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4146042**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$736,000	$788,500
Interior Architecture	$2,075,900	$1,199,500
Electrical	$155,700	$609,300
Mechanical	$553,500	$464,100
Total	**$3,521,000**	**$3,061,500**
Importance Code A	$736,000	$788,500
Importance Code B	$2,670,000	$2,272,900
Importance Code C	$115,100	
Total	**$3,521,000**	**$3,061,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,400	$3,100		$64,000
Interior Architecture	$9,500		$5,200	$103,200
Electrical	$11,100	$12,400	$16,300	$56,800
Mechanical	$49,000	$24,000	$41,800	$39,000
Total	**$138,000**	**$39,400**	**$63,300**	**$262,900**
Importance Code A	$77,400	$12,100	$9,000	$73,300
Importance Code B	$60,600	$27,300	$54,300	$171,300
Importance Code C				$18,300
Total	**$138,000**	**$39,400**	**$63,300**	**$262,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$473,200	LIFE	* *	5	$77,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Building Facades. Crack In Load Bearing Cast Stone Or Terra Cotta Units								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Front Entry								
Masonry: Brick	45%			LIFE	* *	5	$89,200	
Masonry: Brick Cavity	33%			LIFE	* *	5	$65,400	
Masonry: Granite	3%			LIFE	* *	5	$4,500	
Masonry: Limestone	7%			LIFE	* *	5	$10,400	
Window Wall	7%			2062	* *	5	$52,000	
Windows								
Aluminum	45%	Now	$262,800	2040	* *	5	$9,200	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Various Windows Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Various Windows Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : West Elevation								
Aluminum	15%			2040	* *	5	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade And Gymnasium								
Explanation : Protective Metal Grilles								
Aluminum	40%			2057	* *	5	$16,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,000	
Masonry: Brick	40%			LIFE	* *	5	$7,300	
Masonry: Brick Cavity	35%			LIFE	* *	5	$6,300	
Masonry: Limestone	5%	Now	$16,900	LIFE	* *	5	$1,100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Stone Cornice								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Coping Stones								
Metal Rail	15%			2037	* *	5-10	$49,100	
Roof								
Built-Up (BUR)	55%			2032	$556,400	10	$47,700	
Copper/Terne	3%			2060	* *	10	$6,500	
IRMA/Protected Membrane	40%			2042	* *	10	$34,700	
Metal Panel	2%			2052	* *	10	$3,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast Stone/Terra Cotta	72%	0-2	$43,100	LIFE	* *	5	$15,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Cast Stone Tooth								
Stucco Cement	28%	0-2	$8,400	2049	* *	5	$1,000	
Staining/Discoloring, Extent : Light, Area Affected : 30%								
Location : Cast Stone Cornice And Soffit Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,600	
Recent Repair Evident, Extent : N/A, Area Affected : 40%								
Location : Basement Flooring								
Ceramic Tile	3%	0-2	$139,600	2047	* *	5	$3,100	
Loose Units, Extent : Moderate, Area Affected : 40%								
Location : Main Building Bathroom Floors								
Ceramic Tile	3%			2047	* *	5	$6,200	
Other Observation, Extent : N/A, Area Affected : 0%								
Location : West Building								
Explanation : New Addition								
Quarry Tile	5%			2052	* *	5	$15,500	
Terrazzo	7%			LIFE	* *	5	$11,300	
Vinyl Tile	20%			2032	$1,140,200	3	$15,500	
Vinyl Tile	32%			2042	* *	3	$33,000	
Vinyl Tile 9" X 9"	5%			2027	$1,821,100	3	$5,200	
Wood	20%			2047	* *	5	$77,400	
Interior Walls								
Ceramic Tile	2%	Now	$115,100	2047	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms Within Original Building								
Worn/Eroded, Extent : Moderate, Area Affected : 55%								
Location : Bathrooms Within Original Building								
Ceramic Tile	21%			2047	* *	5	$36,600	
Glass: Single Pane	2%			LIFE	* *	5	$2,600	
Gypsum Board	25%			LIFE	* *	5	$26,200	
Masonry: Brick	8%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$10,500	
SGFT/Glazed Masonry	20%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	8%			2037	* *	5	$20,600	
AcousTileSusp.Lay-In	7%			2037	* *	5	$14,400	
AcousTileSusp.Lay-In	8%			2052	* *	5	$16,500	
Exposed Struc: Concrete	8%			LIFE	* *	5	$2,600	
Exposed Struc: Steel	7%			LIFE	* *			
Fiber Board	4%			2042	* *			
Gypsum Board	23%			LIFE	* *	5	$59,300	
Plaster	35%			LIFE	* *	5	$45,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2058	* *			
Free Standing Walls								
Masonry: Brick	100%			2058	* *			
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : ADA Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%			2049	* *			
Cast in Place Concrete	50%			2049	* *			
Activity Yard								
Asphalt	100%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Disconnect Switch Rated At 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2032	$130,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Vertical Sections								
Fused Disc Sw	50%			2052	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	50%			2032	$121,900	1		
Conduit	50%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$300	
Molded Case Bkrs	40%			2031	$95,800	5	$1,200	
Molded Case Bkrs	50%			2048	* *	5	$1,500	
Wiring								
Thermoplastic	50%			2032	$170,900	1		
Thermoplastic	50%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	$90,700	5	$400	
Variable Frequency Drive	50%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$35,100	
Generators								
Diesel	100%			2041	* *	1	$44,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,200	
Fuel Storage								
Main Tank	100%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Belly Tank. Outside								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$100,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2037	* *	10	$2,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallways								
HID	1%			2027	$13,500	10		
Incandescent	1%			2027	$31,600	2		
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, LED	40%			2060	* *	1		
Exit, Service	10%			2037	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2027	$53,200	10		
LED	5%			2037	* *			
No Component	85%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$900	
Alarm								
Security System								
No Component	70%							
Generic	15%			2037	* *	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Staircase And Outside								
Explanation : CCTV Surveillance Camera System								
Generic	15%			2037	* *	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughtout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$21,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Kitchen, Toilets And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2062	* *	1		
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								
Interruptible Gas/Dual Fuel	60%			2042	* *	1		
Conversion Equipment								
Hot Water Boiler	40%			2052	* *	1	$22,500	
Steam Boiler	60%			2037	* *	1	$67,700	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$18,300	2058	* *			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Condensate Pump In The Main Wing Boiler On Room Is Leaking.								

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DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2032	$214,500	1	$7,100	
Air Handler	40%			2042	* *	1	$28,200	
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : In The New Building Roof								
Convector/Radiator	35%			2037	* *	1	$12,900	
Recent Installation, Extent : N/A, Area Affected : 60%								
Location : Old Building. Recently Install Stream Trap Throughout The Old Wing								
Fan Coil Unit/Heat	15%			2027	$424,000	1	$5,500	
Air Conditioning								
Energy Source								
Electricity	50%			2040	* *	1		
Electricity	50%			2057	* *	1		
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2042	* *	1	$21,200	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Addition Roof								
Explanation : 1 New Multistacks Unit On Roof. R-410a								
Split Unit	5%			2040	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : New Addition Roof								
Explanation : 3 New Units. R-410a								
Window/Wall Unit	30%			2025	$129,600	1		
No Component	25%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2058	* *	4	$2,200	
Recent Installation, Extent : Light, Area Affected : 45%								
Location : Roof								
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	35%			2042	* *	1	$24,700	
Recent Installation, Extent : Light, Area Affected : 40%								
Location : New Addition Roof								
Fan Coil - 2 Pipe	5%			2042	* *	1	$1,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : New Addition								
Explanation : New Installation								
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Evaporative Condenser	5%			2042	* *	2	$4,000	
Recent Installation, Extent : Light, Area Affected : 5%								
Location : New Addition Roof								
Dry Cooler	35%			2042	* *	2	$27,800	
Recent Installation, Extent : Light, Area Affected : 45%								
Location : New Addition Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$38,100	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$25,400	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								
Exhaust Fans								
Interior	40%			2032	$202,200	2	$1,400	
Roof	60%			2042	* *	2	$2,100	
Recent Installation, Extent : Light, Area Affected : 60%								
Location : Roofs								
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2042	* *	1		
Brass/Copper	40%			2062	* *	1		
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								
Water Heater With Tanks								
Gas Fired	60%			2027	$10,200	2		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Old Wing Boiler Room								
Explanation : 1 Unit								
Gas Fired	40%			2032	$6,800	2		
Recent Installation, Extent : Light, Area Affected : 50%								
Location : 1 Unit. New Addition Penthouse								
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 60%								
Location : Throughout The Old Building								
Cast Iron	40%			LIFE	* *	1		
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								

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DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,600	
Backflow Preventer								
Generic	100%			2042	* *	1	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Both Buildings								
Explanation : New Backflow Preventer Has Installed.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 4th Floor New Addition								
Explanation : 2 New Units								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2062	* *	1-5	$23,000	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								
Sprinkler								
No Component	57%							
Generic	3%			2032	$47,300	1-2	$1,000	
Other Observation, Extent : Light, Area Affected : 3%								
Location : Old Wing Basement								
Explanation : Existing								
Generic	40%			2062	* *	1-2	$12,800	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								
Fire Pump								
No Component	60%							
Generic	40%			2047	* *	1	$8,500	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : New Addition								
Chemical System								
No Component	95%							
Generic	5%			2032	$4,100	1-3	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 New Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 163 / P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS**		
Address	: **1664 BENSON AVENUE BTWN: BAY 14 ST., 17 AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K163**
Program / Asset #	: **BOE0463.000 / 1332**	**Yr Built/Renovated**	: **1909 / 2007**
Area Sq Ft	: **58,748**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **6399** **Lot** : **26**	**BIN**	: **3167623**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$283,000
Interior Architecture	$458,500	$211,000
Electrical		$576,600
Mechanical	$493,100	$1,840,300
Total	**$951,600**	**$2,910,900**
Importance Code A		$283,000
Importance Code B	$951,600	$2,416,900
Importance Code C		$211,000
Total	**$951,600**	**$2,910,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$5,500	$11,500	
Interior Architecture	$107,800	$1,300		$6,800
Electrical	$31,300	$71,900	$1,300	$1,300
Mechanical	$17,800	$48,500	$9,900	$8,700
Site Pavements	$24,400			
Total	**$181,300**	**$127,200**	**$22,600**	**$16,700**
Importance Code A	$5,800	$11,400	$17,300	$5,800
Importance Code B	$115,100	$115,800	$5,300	$10,900
Importance Code C	$60,300			
Total	**$181,300**	**$127,200**	**$22,600**	**$16,700**

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DEPARTMENT OF EDUCATION - 040
P. S. 163 / P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$41,500	
Masonry: Granite	5%			LIFE	* *	5	$1,800	
Masonry: Limestone	10%			LIFE	* *	5	$3,700	
Windows								
Aluminum	100%			2046	* *	5	$22,900	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$3,600	
Masonry: Limestone	10%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	85%			2030	$283,000	10	$24,200	
Metal Panel	5%			2035	* *	10	$2,600	
Modified Bitumen	10%			2035	* *	10	$2,900	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$12,800	
Mosaic Tile	3%	Now	$11,700	2035	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Sheet Vinyl/Rubber	2%			2035	* *	5	$2,500	
Vinyl Tile	5%	Now	$11,500	2025	$115,200	3	$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	60%	Now	$27,700	2035	* *	3	$18,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	23%	Now	$343,300	2045	* *	5	$18,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout Classrooms And Auditorium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Classrooms Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$21,100	2033	$211,000	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	85%	Now	$31,700	LIFE	* *	5	$19,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Fourth Floor Classrooms								

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DEPARTMENT OF EDUCATION - 040
P. S. 163 / P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$2,700	2035	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	0-2	$1,400	2043	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,300	
Plaster	80%			LIFE	* *	5	$41,700	
Recent Repair Evident, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2040	* *			
Iron Picket	90%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$16,900	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	90%	0-2	$7,500	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cast in Place Concrete	10%			2047	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2030	$7,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	70%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches. The Equipment Is In Satisfactory Condition, But We Were Informed That Sometimes Water Penetrates The Room.								
Switchgear / Switchboard								
Fused Disc Sw	60%			2030	$117,000	5	$200	
Fused Disc Sw	40%			2050	* *	5	$100	
Raceway								
Conduit	95%			2030	$137,400	1		
Conduit	5%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 163 / P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	10%			2029	$14,000	5	$100	
Molded Case Bkrs	65%			2029	$90,800	5	$1,000	
Molded Case Bkrs	20%			2046	* *	5	$300	
Wiring								
Thermoplastic	80%			2030	$159,700	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$48,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : T-8 Lamps								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Fixtures Installed In 2017.								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fixtures Installed In 2018.								
Exit, Service	50%			2030	$12,700	1		
Exterior Lighting								
HID	40%			2038	* *	10	$100	
No Component	60%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$22,100	1	$4,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$30,300	2040	* *	1-3	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Obsolete Fire Alarm System.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 163 / P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 8,000 Gallon Capacity. Using Oil No. 2								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$58,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	2-4	$9,400	2030	$470,400			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pumps In Basement								
Terminal Devices								
Air Handler	30%			2030	$331,700	1	$10,900	
Convector/Radiator	60%			2028	$288,200	1	$11,400	
Fan Coil Unit/Heat	10%			2025	$145,700	1	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms								
Explanation : Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2025	$178,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$6,600	
No Component	80%							
Exhaust Fans								
Interior	65%			2025	$169,400	2	$1,200	
Roof	35%			2025	$39,900	2	$600	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$750,000	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 500 Gallon Tank In Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 / P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS

Asset # : 1332

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2030	$11,800	4	$1,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 164 - BK**
Address : **4211 14TH AVENUE BTWN: 42 ST., 43 ST.**
Borough : **BROOKLYN**
Agency's Number : **K164**
Program / Asset # : **BOE0464.000 / 1333**
Yr Built/Renovated : **1910 / 2009**
Area Sq Ft : **75,000**
Project Type : **EDUCATION**
Date of Survey : **15-Apr-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **5600** **Lot** : **1** **BIN** : **3135976**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$99,200	$83,800
Interior Architecture	$128,100	$2,153,800
Electrical	$263,100	$568,500
Mechanical	$493,400	$3,426,900
Total	**$983,800**	**$6,233,100**
Importance Code A	$99,200	$83,800
Importance Code B	$827,300	$6,149,200
Importance Code C	$57,300	
Total	**$983,800**	**$6,233,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,300			$4,100
Interior Architecture	$108,900	$1,100		$26,200
Electrical	$2,600	$2,400	$2,900	$54,200
Mechanical	$99,800	$10,900	$16,500	$53,100
Total	**$214,600**	**$14,500**	**$19,400**	**$137,600**
Importance Code A	$10,700	$7,400	$7,400	$11,700
Importance Code B	$147,500	$7,100	$12,000	$125,900
Importance Code C	$56,400			
Total	**$214,600**	**$14,500**	**$19,400**	**$137,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$24,600	
Masonry: Brick	80%			LIFE	* *	5	$83,800	
Masonry: Granite	2%	4+	$3,300	LIFE	* *	5	$1,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Base Of Building								
Masonry: Limestone	15%			LIFE	* *	5	$11,800	
Windows								
Aluminum	100%	Now	$99,200	2048	* *	5	$18,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street Level								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$9,300	
Masonry: Limestone	10%			LIFE	* *	5	$1,500	
Metal Security Bars	10%			2067	* *			
Roof								
Metal Panel	5%			2037	* *	10	$4,100	
Modified Bitumen	95%			2040	* *	10	$42,200	
Soffits								
Exposed Struc: Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Carpet	2%			2031	$40,500	3	$3,400	
Cast in Place Concrete	7%			LIFE	* *	5	$17,500	
Mosaic Tile	5%			2037	* *	5	$14,300	
Terrazzo	5%	0-2	$10,700	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	66%	Now	$41,800	2032	$2,089,300	3	$28,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : First Floor Corridor								
Vinyl Tile 9" X 9"	7%	Now	$70,800	2042	* *	3	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms And Offices								
Wood	5%			2047	* *	5	$10,700	
Wood	3%			2067	* *	5	$6,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$20,700	2035	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stairs								
Glass: Single Pane	5%	Now	$9,100	LIFE	* *	5	$5,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Stairwells, Transom Windows In Corridors								
Glass: Special Gauge	5%			LIFE	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairwells								
Explanation : Metal Panel With Safety Glass								
Masonry: Brick	10%	Now	$57,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Marble Panels	2%	Now	$26,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Plaster	68%			LIFE	* *	5	$30,700	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	90%			LIFE	* *	5	$64,500	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Rubber Matting	20%			2037	* *			
Traffic Topping	80%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	4%			2031	$7,200	5	$100	
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Toggle Switch	1%	2-4	$1,800	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	80%			2031	$143,700	5	$1,600	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	$59,700	5	$300	
Locally Mounted	30%			2037	* *	5	$200	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	93%			2037	* *	10	$64,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$9,100	
Exit, Service	50%			2037	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$42,200	1	$8,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$58,000	2042	* *	1-3	$12,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$8,600	2052	* *	1		
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Basement, Solenoid Valve								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$74,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$42,200	2032	$2,109,000	4	$3,700	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Basement, Feed And Vacuum Pump								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	90%	0-2	$27,600	2030	$552,000	1	$19,600	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Stream Trap Is Not Working.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Unit Heater - Steam	10%			2027	$42,600	4	$700	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Window/Wall Unit	80%			2027	$227,300	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	80%	2-4	$13,300	2027	$266,100	2	$1,500	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Basement, Duct Damage								
Roof	10%			2042	* *	2	$200	
Repairs In Progress, Extent : N/A, Area Affected : 10%								
Location : Roof								
Wall Unit	10%			2040	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2058	* *	1		
Galvanized Steel	80%			2030	$766,000	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,400	
Backflow Preventer								
Generic	100%			2040	* *	1	$4,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 164 - Q**		
Address	: **138-01 77 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q164**
Program / Asset #	: **BOE0810.000 / 1533**	**Yr Built/Renovated**	: **1949 / 2009**
Area Sq Ft	: **101,046**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **6606** **Lot** : **2**	**BIN**	: **4142980**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$911,900	$1,085,100
Interior Architecture	$165,900	$384,900
Electrical	$379,500	$1,219,200
Mechanical	$1,952,900	$4,655,400
Total	**$3,410,100**	**$7,344,500**
Importance Code A	$911,900	$2,017,200
Importance Code B	$2,435,900	$5,327,400
Importance Code C	$62,400	
Total	**$3,410,100**	**$7,344,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,500		$12,700	
Interior Architecture	$130,700		$38,400	$200
Electrical	$73,800	$9,400	$11,700	$10,100
Mechanical	$70,600	$20,000	$24,400	$15,000
Site Enclosure	$13,800			
Site Pavements	$58,200			
Total	**$378,700**	**$29,500**	**$87,000**	**$25,300**
Importance Code A	$41,500	$10,000	$22,700	$10,000
Importance Code B	$270,800	$19,500	$58,000	$15,300
Importance Code C	$66,400		$6,400	
Total	**$378,700**	**$29,500**	**$87,000**	**$25,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$5,900	
Masonry: Brick	75%			LIFE	* *	5	$141,200	
Masonry: Limestone	10%			LIFE	* *	5	$14,100	
Granite Panels	10%			LIFE	* *	5	$14,100	
Windows								
Aluminum	100%	Now	$420,600	2049	* *	5	$14,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	65%	Now	$217,700	LIFE	* *	5	$8,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Parapet Above Front Entry								
Masonry: Limestone	10%			LIFE	* *	5-10	$16,100	
Stucco Cement	25%			2046	* *	5	$8,500	
Roof								
Built-Up (BUR)	95%	Now	$202,900	2033	$1,014,500			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, 234, 319, 328 And Stair E								
Metal Panel	5%			2046	* *	10	$8,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$66,200	
Terrazzo	5%			LIFE	* *	5	$11,800	
Vinyl Tile	60%			2038	* *	3	$34,000	
Vinyl Tile	14%			2041	* *	3	$7,900	
Vinyl Tile 9" X 9"	1%			2028	$266,900	3	$800	
Wood	10%			2061	* *	5	$28,400	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$12,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$30,800	
Marble Panels	5%			LIFE	* *	10	$5,100	
Plaster	50%	0-2	$62,400	LIFE	* *	5	$38,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$32,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$47,300	
AcousTileSusp.Lay-In	5%			2046	* *	5	$7,600	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$37,800	
Fiber Board	5%	4+	$5,900	2033	$118,000			
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Plaster	45%	Now	$103,500	LIFE	* *	5	$42,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$6,600	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Driveway								
Iron Picket	50%	0-2	$7,200	2068	* *			
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$44,000	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	85%			2046	* *			
Masonry: Granite	15%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	100%	2-4	$14,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$260,100	5	$2,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2033	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Knife Sw	20%	2-4	$47,900	2058	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	30%	2-4	$71,800	2058	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	40%			2032	$95,800	5	$1,100	
Wiring								
Braided Cloth	90%	2-4	$307,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	$34,200	1		
Motor Controllers								
Locally Mounted	90%			2031	$163,300	5	$600	
Locally Mounted	10%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	92%			2038	* *	10	$85,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2028	$45,200	10	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria								
Explanation : Compact Flourescent Lights								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$84,800	10	$12,200	
Exit, Service	50%			2028	$21,800	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
Generic	100%			2028	$189,700	1	$37,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$62,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$235,000	5	$31,300	
Conversion Equipment								
Steam Boiler	100%			2031	$880,700	1	$100,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	Now	$1,600	2033	$80,900			
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Piping/Pump	90%			2033	$728,200			
Terminal Devices								
Air Handler	10%	Now	$3,800	2028	$190,200	1	$5,600	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Coil Of The Unit For Auditorium								
Air Handler	15%			2028	$285,200	1	$9,400	
Convector/Radiator	75%			2031	$619,700	1	$24,500	
Controls								
Pneumatic	100%			2027	$1,952,900			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%			2028	$55,400	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	70%			2031	$268,000	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	5%	Now	$2,200	2033	$22,400	2	$100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : House Exhaust Fan.								
Interior	90%			2028	$403,300	2	$2,800	
Roof	5%			2041	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$5,200	2031	$258,000	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 10%								
Location : Defective System								
Water Heater With Tanks								
Gas Fired	100%	Now	$6,800	2033	$17,100	2		
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2033	$488,600	4	$15,000	
Sanitary Piping								
Cast Iron	10%	0-2	$2,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	Now	$700	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement Boiler Room								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,100	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,200	
Fixtures								
Generic	10%							
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Explanation : Defective Units								
Generic	90%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$139,700	1-2	$2,800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 165 - BK**		
Address	: **76 LOTT AVENUE BTWN: HOPKINSON AVE., AMBOY ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K165**
Program / Asset #	: **BOE0465.000 / 1334**	**Yr Built/Renovated**	: **1912 / 2010**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3622** **Lot** : **23**	**BIN**	: **3082726**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$205,700	$84,400
Interior Architecture	$106,400	$53,000
Electrical	$56,900	$639,800
Mechanical	$843,700	$354,900
Site Pavements		$215,600
Total	**$1,212,700**	**$1,347,700**
Importance Code A	$205,700	$84,400
Importance Code B	$900,600	$1,263,300
Importance Code C	$106,400	
Total	**$1,212,700**	**$1,347,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,900	$6,300		
Interior Architecture	$98,800	$6,700		$8,100
Electrical	$12,900	$6,100	$7,300	$5,800
Mechanical	$91,600	$47,800	$10,700	$8,800
Site Enclosure	$18,700			
Site Pavements	$19,000			
Total	**$268,900**	**$66,800**	**$18,000**	**$22,700**
Importance Code A	$34,100	$12,600	$6,100	$6,100
Importance Code B	$214,400	$54,300	$11,900	$16,500
Importance Code C	$20,400			
Total	**$268,900**	**$66,800**	**$18,000**	**$22,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$34,700	
Masonry: Brick	95%			LIFE	* *	5	$84,400	
Windows								
Aluminum	100%	Now	$205,700	2046	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$8,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,000	
Roof								
Built-Up (BUR)	95%	4+	$27,900	2035	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2065	* *	10	$6,300	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$32,700	
Ceramic Tile	5%	Now	$14,100	2039	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Faculty Toilets								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Faculty Toilets								
Mosaic Tile	3%			2035	* *	5	$7,500	
Quarry Tile	4%			2035	* *	5	$6,000	
Terrazzo	3%			LIFE	* *	5	$2,300	
Vinyl Tile	60%	Now	$33,100	2038	* *	3	$22,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium And Cafeteria								
Vinyl Tile 9" X 9"	5%	Now	$44,000	2040	* *	3	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium And Stairs								
Wood	5%	0-2	$5,900	2045	* *	5	$4,700	
Deflection Evident, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								

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DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Faculty Toilets								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Faculty Toilets								
Glass Block	5%			LIFE	* *			
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	75%	2-4	$106,400	LIFE	* *	5	$26,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Library And Throughout								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Library And Throughout								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,300	
Plaster	85%			LIFE	* *	5	$53,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Library And Throughout								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Library And Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	60%	4+	$7,600	2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Iron Picket	40%	Now	$11,100	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$8,200	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along Lot Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	85%	0-2	$10,800	2033	$215,600			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Rubber Matting	15%			2035	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	99%			2030	$44,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Ampere Main Disconnect Switch								
Fused Disc Sw	1%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room - Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency Lighting								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Raceway								
Conduit	80%			2030	$115,700	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Toggle Switch	1%			2029	$1,800	5		
Molded Case Bkrs	50%			2029	$89,800	5	$800	
Molded Case Bkrs	49%			2046	* *	5	$800	
Wiring								
Braided Cloth	60%			2029	$119,800	1		
Thermoplastic	40%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	99%			2035	* *	10	$56,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2035	* *	10	$600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
Egress Lighting								
Emergency, Service	5%			2030	$1,900	1		
Emergency, Battery	45%	Now	$900	2035	* *			
Not Functioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout The Building								
Exit, Service	50%			2030	$13,400	1		
Exterior Lighting								
HID	100%	Now	$5,800	2035	* *			
Malfunctioning, Extent : Light, Area Affected : 2%								
Location : Building Perimeter								
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2035	* *	1	$23,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$38,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	0-2	$71,100	2040	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Gas Pressure Reported To Be Low.								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$61,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%	Now	$49,600	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 40%								
Location : Leaky And Noisy Vacuum Pumps In Basement.								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Float And Thermostatic Traps At Steam Mains In Basement And Thermostatic Traps At Various Radiators.								
Terminal Devices								
Air Handler	20%	0-2	$11,700	2025	$233,300	1	$6,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Faulty Bearings At 1 Of 3 Air Handlers In Basement.								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Convector/Radiator	70%			2028	$354,900	1	$14,000	
Unit Heater - Steam	10%			2025	$35,200	4	$900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	2%			2030	$29,400			
Window/Wall Unit	60%	Now	$7,000	2025	$140,900	1		
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Various Areas								
No Component	38%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$13,800	
No Component	60%							
Exhaust Fans								
Interior	100%	Now	$55,000	2025	$275,000	2	$1,500	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Toilet Exhaust And General Exhaust Fans In Basement.								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$68,300	2		
Sanitary Piping								
Cast Iron	100%	0-2	$15,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Slop Sink In Lavatories Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	30%			2025	$3,700	4	$600	
Non-Submersible	70%			2035	* *	4	$900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 165 - M**				
Address	: **234 WEST 109 STREET BTWN: AMSTERDAM AVE., BROADWAY**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M165**
Program / Asset #	: **BOE0100.000 / 696**			**Yr Built/Renovated**	: **1898 / 2006**
Area Sq Ft	: **120,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2018**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,4,5**				
Block	: **1880**	**Lot**	: **13**	**BIN**	: **1056676**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$265,100	$605,200
Interior Architecture	$363,500	$12,668,600
Electrical	$511,700	$1,156,300
Mechanical	$902,400	$2,658,800
Total	**$2,042,800**	**$17,089,000**
Importance Code A	$265,100	$605,200
Importance Code B	$1,777,600	$16,483,800
Total	**$2,042,800**	**$17,089,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$30,300		
Interior Architecture	$207,100			$14,000
Electrical	$8,100	$51,100	$11,900	$8,100
Mechanical	$45,700	$34,600	$28,800	$17,500
Site Enclosure	$300			
Site Pavements	$5,100			
Total	**$266,200**	**$116,000**	**$40,600**	**$39,600**
Importance Code A	$20,900	$42,400	$11,900	$11,900
Importance Code B	$170,000	$73,600	$28,800	$27,700
Importance Code C	$75,300			
Total	**$266,200**	**$116,000**	**$40,600**	**$39,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$149,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$152,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$14,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$265,100	2046	* *	5	$27,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Copper/Terne	60%			2065	* *	5	$60,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *	5	$4,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed Below, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$3,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$6,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	25%			2030	$248,200	10	$21,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Not Accessible Due To Construction								
Clay Tile	65%			2050	* *	10	$55,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Not Accessible Due To Construction								
Copper/Terne	10%			2058	* *	10	$21,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Not Accessible Due To Construction								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$27,100	LIFE	* *	5	$34,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement, At Steel Floor Plates								
Mosaic Tile	3%	Now	$22,500	2035	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Terrazzo	2%			LIFE	* *	5	$2,500	
Vinyl Tile	25%	Now	$110,200	2035	* *	3	$15,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Vinyl Tile 9" X 9"	45%	Now	$253,400	2030	$12,668,600	3	$26,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	15%	Now	$28,500	2045	* *	5	$22,400	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$4,300	
Glass Block	2%			LIFE	* *			
Masonry: Brick	15%	Now	$48,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Foundation								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Foundation								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Foundation								
Plaster	58%	Now	$24,100	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Stair, Gymnasium, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Stair, Gymnasium, Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%	0-2	$1,600	2035	* *	5	$3,100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
AcousTileSusp.Lay-In	5%	Now	$4,100	2043	* *	5	$2,500	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : 5th Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Classrooms								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,500	
Plaster	80%	0-2	$48,200	LIFE	* *	5	$49,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 201, 301, 401, 407 Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%	2-4	$300	2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Free Standing Walls								
Concrete Masonry Unit	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
Explanation : Cast Stone								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$5,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : There Is A 1,200 Ampere Main Disconnect Switch In Good Condition.								
Fused Disc Sw	30%			2050	* *	5	$200	
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$500	
Raceway								
Conduit	70%			2030	$170,600	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$2,800	
Wiring								
Braided Cloth	70%	2-4	$239,300	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2028	$36,300	5	$200	
Locally Mounted	80%			2043	* *	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	50%			2030	$894,400	10	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Lighting Fixtures Are T-8 Lamp Type. They Are In Satisfactory Condition.								
Fluorescent	2%			2035	* *	10	$2,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Fluorescent	48%	0-2	$171,700	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Lighting Fixtures Are T-8 Lamp Type But They Are Old And Do Not Provide Adequate Illumination.								
Egress Lighting								
Emergency, Battery	50%			2025	$100,700	10	$14,500	
Exit, Service	50%			2025	$25,900	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$13,500	
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$74,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$5,500	2050	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Fuel Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 5,000 Gallon Tank For No. 2 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%	Now	$20,900	2035	* *	1	$107,000	
Broken, Extent : Severe, Area Affected : 10%								
Location : Condensate Return Pumps								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2025	$451,600	1	$14,800	
Convector/Radiator	70%			2028	$686,900	1	$27,100	
Fan Coil Unit/Heat	10%			2030	$297,500	1	$3,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$142,500			
Window/Wall Unit	15%			2025	$68,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,900	
Exhaust Fans								
Interior	50%	Now	$13,300	2025	$266,100	2	$1,500	
Broken, Extent : Severe, Area Affected : 10%								
Location : Kitchen Exhaust								
Roof	50%			2025	$116,400	2	$1,800	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$1,532,000	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$24,000	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Duplex Set, 1 Single Pump								
Backflow Preventer								
No Component	95%							
Generic	5%			2035	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2040	* *	1-2	$10,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 165 - Q**		
Address	: **70-35 150 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q165**
Program / Asset #	: **BOE0811.000 / 2738**	**Yr Built/Renovated**	: **1951 / 2007**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6697** **Lot** : **12**	**BIN**	: **4144881**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$191,200	$1,130,700
Interior Architecture	$1,572,100	
Electrical	$87,500	$525,500
Mechanical	$714,700	$4,489,600
Total	**$2,565,500**	**$6,145,900**
Importance Code A	$905,900	$1,130,700
Importance Code B	$1,598,600	$5,015,100
Importance Code C	$60,900	
Total	**$2,565,500**	**$6,145,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$40,800		$18,800	
Interior Architecture	$120,100	$3,000	$41,300	$17,500
Electrical	$9,300	$9,000	$9,200	$7,700
Mechanical	$36,900	$16,400	$18,200	$11,500
Site Pavements	$12,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$223,300**	**$32,300**	**$91,500**	**$40,600**
Importance Code A	$41,000	$8,100	$26,900	$8,100
Importance Code B	$129,800	$24,200	$64,600	$29,100
Importance Code C	$52,500			$3,400
Total	**$223,300**	**$32,300**	**$91,500**	**$40,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$222,400	
Masonry: Limestone	5%			LIFE	* *	5	$9,300	
Granite Panels	5%			LIFE	* *	5	$9,300	
Windows								
Aluminum	100%			2049	* *	5	$37,300	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$93,700	
Metal Rail	10%			2046	* *	5-10	$30,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$21,500	
Roof								
Built-Up (BUR)	95%			2033	$939,100	10	$80,500	
Copper/Terne	2%			2048	* *	10	$4,200	
Roll Roofing	3%			2029	$16,500	5	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bulkheads								
Explanation : Roll Roofing Has Been Installed Over Existing Copper Terne Roof.								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$35,300	
Ceramic Tile	5%			2042	* *	5	$8,100	
Terrazzo	5%			LIFE	* *	5	$12,600	
Vinyl Tile	10%			2038	* *	3	$6,000	
Vinyl Tile 9" X 9"	50%	Now	$1,422,900	2043	* *	3	$30,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%			2043	* *	3	$9,100	
Wood	10%			2061	* *	5	$30,200	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$6,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,800	
Glazed Ceramic Panel	5%			LIFE	* *	10	$6,100	
Plaster	55%			LIFE	* *	5-10	$63,400	
SGFT/Glazed Masonry	25%	2-4	$60,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement Corridor								
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	0-2	$25,900	2046	* *	5	$8,100	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTile,Adhered	30%			2046	* *	5	$48,400	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$100,800	
Plaster	10%			LIFE	* *	5-10	$27,700	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2043	* *			
Iron Picket	30%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : 70th Road And 150th Street								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Asphalt	5%			2042	* *			
Rubber Matting	95%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2055	* *	5	$100	
Fused Disc Sw	5%			2032	$12,000	5	$100	
Molded Case Bkrs	90%			2055	* *	5	$1,900	
Wiring								
Braided Cloth	30%	2-4	$87,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2050	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	100%			2041	* *	10	$75,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$9,900	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
HID	30%			2028	$114,800	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$153,900	1	$30,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$50,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$190,700	5	$25,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	2-4	$714,700	2053	* *	1	$73,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%			2033	$656,600			
Terminal Devices								
Air Handler	25%			2028	$385,800	1	$12,700	
Convector/Radiator	75%			2031	$502,900	1	$19,900	
Controls								
Pneumatic	100%			2031	$1,584,800			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$217,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,400	
Exhaust Fans								
Interior	95%			2028	$345,500	2	$2,400	
Roof	5%			2033	$8,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$209,400	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$396,500	4	$12,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$16,400	4	$2,600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Tankless Water Heater (POU								
Gas Fired	20%	Now	$6,500	2033	$6,500	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Obsolete Old Unit.								
Gas Fired	80%			2033	$25,900	2		
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$34,000	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 166 - M**				
Address	: **132 WEST 89 STREET BTWN COLUMBUS AV - AMSTERDAM AV**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M166**
Program / Asset #	: **BOE0101.000 / 1652**			**Yr Built/Renovated**	: **1898 / 2010**
Area Sq Ft	: **73,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **08-Dec-2021**			**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**				
Block	: **1219**	**Lot**	: **47**	**BIN**	: **1032308**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,922,700	$1,303,500
Interior Architecture	$1,431,100	$2,477,400
Electrical	$67,000	$1,417,700
Mechanical	$272,400	$3,658,100
Site Pavements	$183,800	$224,900
Total	**$3,876,900**	**$9,081,500**
Importance Code A	$1,922,700	$1,303,500
Importance Code B	$1,005,800	$7,778,000
Importance Code C	$948,300	
Total	**$3,876,900**	**$9,081,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,400		$30,400	
Interior Architecture	$184,000		$17,700	$10,000
Electrical	$34,600	$11,900	$12,800	$13,300
Mechanical	$80,100	$52,400	$34,100	$29,400
Site Pavements	$48,000			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$370,000**	**$69,200**	**$99,900**	**$57,500**
Importance Code A	$25,700	$7,200	$37,600	$7,200
Importance Code B	$317,000	$62,000	$44,600	$50,300
Importance Code C	$27,400		$17,700	
Total	**$370,000**	**$69,200**	**$99,900**	**$57,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	40%			LIFE	* *	5	$989,600	
Masonry: Brick	50%	Now	$1,427,900	LIFE	* *	5	$79,200	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 80%								
Location : West 39 Street And Rear Of Building								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : South Facade								
Metal Panel	10%			2043	* *	5-10	$108,900	
Windows								
Metal Louvers	5%			2036	* *	10	$1,900	
Wood	95%			2041	* *	5	$57,000	
Parapets								
Cast Stone/Terra Cotta	35%	Now	$1,700	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	65%	Now	$1,700	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : North Parapet								
Explanation : Stucco Over Brick Cracking								
Roof								
Built-Up (BUR)	20%			2033	$160,900	10	$12,600	
IRMA/Protected Membrane	30%			2033	$489,400	10	$18,900	
Metal Panel	30%	Now	$15,100	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Not Accessible	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Exterior								
Explanation : Parts Of Building Covered By Scaffolding.								
Interior								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	Now	$34,300	LIFE	* *	5	$40,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement And Penthouse								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$7,600	2036	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$9,600	
Vinyl Tile	65%	0-2	$482,700	2033	$2,413,700	3	$29,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms With Water Penetration At Exterior Walls								
Wood	10%			2048	* *	5	$23,000	
Interior Walls								
Ceramic Tile	20%			2036	* *	5	$35,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$14,100	
Gypsum Board	5%			LIFE	* *	5-10	$15,000	
Masonry: Brick	5%	Now	$736,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Electrical Room, Basement, Sidewalk Hatch Area.								
Explanation : Water Penetration								
Masonry: Fieldstone	10%			LIFE	* *	10	$7,100	
Marble Panels	5%			LIFE	* *	10	$3,500	
Plaster	45%	Now	$211,700	LIFE	* *	5	$23,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Rooms 404, 304 And Along Lines Of Exterior Rain Leaders And Throughout								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Underneath Drainpipe Entries Throughout								
Explanation : Rain Leader Collectors Are Clogged And Inaccessible For Cleaning								

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2038	* *	5	$6,100	
Exposed Struc: Steel	10%			LIFE	* *	10	$24,500	
Metal Panel	2%	4+	$1,800	LIFE	* *	5	$3,100	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	53%	Now	$43,300	LIFE	* *	5	$40,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms With Water Penetrations At Exterior Walls And Gymnasium								
Plaster	30%			LIFE	* *	5-10	$63,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Stucco Ceilings								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2043	* *			
Iron Picket	20%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : On West 89th Street Side								
Explanation : At East And West Courtyards								
Free Standing Walls								
Masonry: Brick	85%			2043	* *			
Masonry: Fieldstone	15%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$183,800	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : At The Entrance Of The Building								
Sinking/Subsiding, Extent : Severe, Area Affected : 20%								
Location : At Entrance Of Building								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Near Entrance To Building								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Cast in Place Concrete	80%	Now	$48,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East Side Courtyard								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : East Side Courtyard								
Pavers/Stone	10%			2036	* *			
Rubber Matting	10%			2033	$224,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	60%			2053	* *	1		
Conduit	40%			2033	$63,300	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$1,700	
Wiring								
Thermoplastic	60%			2053	* *	1		
Thermoplastic	40%			2033	$87,400	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$300	
Motor Control Center	30%			2038	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$22,500	
Generators								
Diesel	100%			2036	* *	1	$28,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : 150 Kilowatts Capacity								
Batteries								
Nickel Cadmium	100%			2028	$2,700	5	$16,300	
Fuel Storage								
Day Tank	30%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 100 Gallon Tank								
Main Tank	70%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Room Adjacent To Generator Room								
Explanation : One 250 Gallon Tank								
Lighting								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2028	$1,168,000	10	$65,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2028	$23,800	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium And First Floor Corridor								
Egress Lighting								
Emergency, Service	40%			2028	$19,700	1		
Emergency, Battery	10%	Now	$13,400	2043	* *			
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Exit, Service	40%			2028	$13,800	1		
Exit, Battery	10%			2038	* *	10	$500	
Exterior Lighting								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Scaffolding Around The Building								
Alarm								
Security System								
Generic	50%			2038	* *	1	$13,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2028	$75,000	1	$13,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$4,100	2038	* *	1-3	$40,900	
Devices Damaged, Extent : Moderate, Area Affected : 100%								
Location : Two Carbon Monoxide Detectors Are Not Working In The Basement								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	3%			2053	* *	1		
Interruptible Gas/Dual Fuel	97%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$72,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$64,000	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boiler Room Vacuum Pump Not Working Properly And Boilers Require Manual Feed								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	40%	Now	$60,200	2033	$601,800	1	$16,300	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Hv-6 Has A Cracked Steam Coil								
Convector/Radiator	30%			2038	* *	1	$7,100	
Fan Coil Unit/Heat	5%	Now	$29,700	2028	$99,100	1	$1,100	
Broken, Extent : Severe, Area Affected : 90%								
Location : Univents Located At The Exits								
Fan Coil Unit/Heat	5%	Now	$49,600	2033	$99,100	1	$1,100	
Broken, Extent : Severe, Area Affected : 100%								
Location : 5 Electric Units In Cafeteria All Have Burned Out Motors								
Unit Heater - Steam	20%	Now	$1,800	2033	$90,900	4	$1,300	
Broken, Extent : Severe, Area Affected : 10%								
Location : 1 Basement Unit Broken								
Controls								
Digital	30%	Now	$68,900	2031	$688,900			
Software Issue Suspected, Extent : Severe, Area Affected : 10%								
Location : Maintenance Office Main Panel Not Connected								
Pneumatic	70%			2031	$1,081,600			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2033	$189,900			
Window/Wall Unit	70%			2028	$212,000	1		
No Component	20%							
Terminal Devices								
Air Handler/Dir Expansion	10%			2033	$122,600	1		
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2033	$18,500	2	$5,100	
No Component	90%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,500	
Exhaust Fans								
Interior	80%			2038	* *	2	$1,800	
Roof	20%			2033	$31,000	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$204,100	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$18,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallon. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$28,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Roof Drain								
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2033	$16,000	4	$2,300	
Sewage Ejector(s)								
Electric	100%			2033	$41,900	4	$4,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$36,800	
Sprinkler								
No Component	85%							
Generic	15%			2059	* *	1-2	$3,100	
Chemical System								
Generic	100%			2031	$268,100	1-3	$223,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : 15 Feet Long, 60 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 166 - Q**		
Address	: **33-09 35 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q166**
Program / Asset #	: **BOE0812.000 / 192**	**Yr Built/Renovated**	: **1937 / 2001**
Area Sq Ft	: **105,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **610** **Lot** : **1**	**BIN**	: **4008220**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$148,700	$857,700
Interior Architecture	$251,500	$1,472,900
Electrical	$205,100	$1,122,300
Mechanical	$333,400	$2,523,600
Site Pavements	$50,300	
Total	**$989,000**	**$5,976,600**
Importance Code A	$148,700	$857,700
Importance Code B	$734,900	$5,118,800
Importance Code C	$105,400	
Total	**$989,000**	**$5,976,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$159,000		$24,800	
Interior Architecture	$140,800		$42,000	$4,600
Electrical	$37,500	$17,100	$18,000	$20,100
Mechanical	$150,800	$82,400	$59,100	$47,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$492,100**	**$103,400**	**$147,900**	**$75,900**
Importance Code A	$169,400	$10,400	$35,200	$10,400
Importance Code B	$283,600	$93,000	$112,700	$61,900
Importance Code C	$39,100			$3,600
Total	**$492,100**	**$103,400**	**$147,900**	**$75,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$165,500	
Masonry: Brick Cavity	30%			LIFE	* *	5	$90,300	
Masonry: Granite	3%			LIFE	* *	5	$6,800	
Masonry: Limestone	12%			LIFE	* *	5	$27,100	
Windows								
Aluminum	95%			2049	* *	5	$27,000	
Metal Louvers	5%			2042	* *	10	$8,900	
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$77,200	
Masonry: Brick Cavity	20%			LIFE	* *	5-10	$30,900	
Masonry: Limestone	15%			LIFE	* *	5-10	$41,300	
Metal Panel	5%	Now	$18,400	2053	* *	5	$2,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Over Bulkhead								
Metal Rail	10%			2046	* *	5-10	$40,800	
Roof								
Built-Up (BUR)	60%			2033	$713,800	10	$61,200	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Copper/Terne	5%			2048	* *	10	$12,700	
Modified Bitumen	35%			2038	* *	10	$35,700	
Soffits								
Masonry: Granite	100%			LIFE	* *	5	$3,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$35,000	
Ceramic Tile	3%	4+	$5,400	2042	* *	5	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Boys Toilet 2nd Floor								
Terrazzo	2%			LIFE	* *	5	$5,000	
Vinyl Tile	80%			2038	* *	3	$48,000	
Vinyl Tile 9" X 9"	5%			2028	$1,412,900	3	$4,000	
Wood	5%	4+	$47,700	2061	* *	5	$7,500	
Deteriorated Finish, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Gymnasium								
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$7,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$19,200	
Gypsum Board	20%			LIFE	* *	5-10	$81,500	
Masonry: Brick	5%			LIFE	* *	10	$3,600	
Marble Panels	2%			LIFE	* *	10	$1,900	
Plaster	40%			LIFE	* *	5-10	$81,500	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$24,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2046	* *	5	$20,000	
AcousTileSusp.Lay-In	20%			2046	* *	5	$32,000	
Gypsum Board	5%			LIFE	* *	5-10	$27,500	
Metal Panel	5%			LIFE	* *	5	$20,000	
Plaster	60%	4+	$146,100	LIFE	* *	5	$60,000	
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : 4th Floor Classrooms 1939 Wing								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$50,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corner Of 35th Avenue and 33rd Street								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	30%			2042	* *			
Rubber Matting	70%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2053	* *	5	$100	
Molded Case Bkrs	80%			2053	* *	5	$2,200	
Raceway								
Conduit	70%			2033	$170,600	1		
Conduit	30%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	4%			2049	* *	5	$100	
Fused Disc Sw	6%			2032	$14,400	5	$100	
Fused Knife Sw	2%	2-4	$4,800	2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment And On Extended Life								
Molded Case Bkrs	20%			2049	* *	5	$600	
Molded Case Bkrs	68%			2032	$162,900	5	$1,900	
Wiring								
Braided Cloth	60%	2-4	$205,100	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Thermoplastic	10%			2033	$34,200	1		
Motor Controllers								
Locally Mounted	25%			2046	* *	5	$200	
Locally Mounted	25%			2031	$45,400	5	$200	
Motor Control Center	50%			2046	* *	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$32,300	
Generators								
Diesel	100%			2042	* *	1	$40,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Roof								
Explanation : One 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2028	$2,500	5	$23,400	
Fuel Storage								
Day Tank	15%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Roof								
Explanation : One 40 Gallons								
Main Tank	85%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$94,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	55%			2038	* *	1		
Emergency, Battery	5%			2038	* *	10	$1,300	
Exit, Service	40%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$147,000	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$197,100	1	$39,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$270,800	1-3	$66,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$104,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%	0-2	$84,100	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Leaking								
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : One Pump Is Not Working								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2033	$395,200	1	$13,000	
Air Handler	20%			2038	* *	1	$13,000	
Convector/Radiator	45%			2031	$386,400	1	$15,300	
Fan Coil Unit/Heat	15%			2028	$390,500	1	$5,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	0-2	$46,500	2038	* *	1	$13,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Penthouse. One Compressor Is Not Working								
R-134a Refrigerant, Extent : Light, Area Affected : 10%								
Location : 2 Sets, New Wing Penthouse								
Exterior Pkg Unit - Cooling	5%			2033	$57,600	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Old Wing Roof								
Split Unit	10%	0-2	$249,300	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Split Unit Is Not Working								
Window/Wall Unit	40%	0-2	$15,900	2028	$159,100	1		
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Various Locations In Old Wing								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2053	* *	4	$2,300	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2038	* *	1	$19,500	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2038	* *	2	$21,900	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,700	
Exhaust Fans								
Interior	50%			2033	$232,800	2	$1,600	
Roof	50%			2033	$101,900	2	$1,600	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	Now	$5,400	2031	$268,100	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : One Water Main In Basement								
Water Heater With Tanks								
Gas Fired	100%			2031	$85,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$21,000	4	$3,300	
Sewage Ejector(s)								
Electric	100%			2033	$55,000	4	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Basement								
Explanation : One Unit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2053	* *	1-5	$15,900	
Sprinkler								
No Component	70%							
Generic	30%			2043	* *	1-2	$8,800	
Chemical System								
Generic	100%			2031	$391,700	1-3	$357,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set 96 Square Foot Fire Suppression System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 167 - BK**				
Address	: **1025 EASTERN PKWY @ SCHENECTADY AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K167**	
Program / Asset #	: **BOE0467.000 / 1336**		**Yr Built/Renovated**	: **1911 / 2008**	
Area Sq Ft	: **75,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **20-Oct-2021**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **1389**	**Lot** : **35**	**BIN**	: **3037303**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$188,500	$250,200
Interior Architecture	$901,700	
Electrical	$139,700	$449,600
Mechanical	$694,600	$1,808,700
Site Enclosure	$133,500	
Site Pavements		$1,026,700
Total	**$2,058,100**	**$3,535,200**
Importance Code A	$188,500	$250,200
Importance Code B	$1,393,800	$3,285,000
Importance Code C	$475,800	
Total	**$2,058,100**	**$3,535,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,400			
Interior Architecture	$198,500		$9,400	$5,400
Electrical	$13,400	$7,000	$8,700	$7,300
Mechanical	$63,100	$10,100	$16,400	$10,100
Site Pavements	$42,700			
Total	**$377,000**	**$17,100**	**$34,400**	**$22,800**
Importance Code A	$92,100	$7,400	$7,400	$7,400
Importance Code B	$238,800	$9,700	$27,000	$15,300
Importance Code C	$46,100			
Total	**$377,000**	**$17,100**	**$34,400**	**$22,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$79,200	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$123,700	
Masonry: Brick	80%			LIFE	* *	5	$253,300	
Masonry: Limestone	10%			LIFE	* *	5	$23,800	
Windows								
Aluminum	100%	Now	$5,700	2055	* *	5	$3,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 3%								
Location : Classrooms And Gymnasium								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 3%								
Location : Stairway								
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$2,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$200	
Roof								
Copper/Terne	2%			2048	* *	10	$3,100	
Modified Bitumen	98%			2041	* *	10	$61,700	
Interior								
Floors								
Carpet	7%			2032	$151,900	3	$12,900	
Cast in Place Concrete	10%			LIFE	* *	5	$53,700	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Ceramic Tile	5%	0-2	$34,600	2036	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Vestibules								
Quarry Tile	5%	0-2	$45,200	2046	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	0-2	$57,400	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 1st Floor								
Vinyl Tile	33%			2038	* *	3	$15,200	
Vinyl Tile	25%	0-2	$84,800	2038	* *	3	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	Now	$162,500	2043	* *	3	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 4th Floor Hall								

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DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$97,100	2036	* *	5	$8,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$14,100	
Masonry: Brick	5%	Now	$33,600	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement								
Marble Panels	5%	2-4	$77,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor And Lobby								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 1st Floor And Lobby								
Plaster	70%	Now	$300,700	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout 5th Floor								
Ceilings								
AcousTile,Adhered	15%	Now	$29,600	2038	* *	5	$9,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Ground Floor								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$15,300	
Metal Panel	10%	0-2	$8,100	LIFE	* *	5	$15,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Basement								
Plaster	65%	Now	$121,300	LIFE	* *	5	$49,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs Bulkhead								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	10%	Now	$133,500	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Ramps And Rear Yard								
Cast in Place Concrete	90%			2053	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$5,400	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : East Side And Front Steps								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	50%			2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Yard								
Rubber Matting	50%	Now	$20,500	2033	$1,026,700			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	7%			2032	$12,600	5	$100	
Fused Disc Sw	3%			2049	* *	5	$100	
Molded Case Bkrs	70%			2049	* *	5	$1,400	
Molded Case Bkrs	20%			2032	$35,900	5	$400	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Thermoplastic	10%			2033	$20,000	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$400	
Locally Mounted	20%			2031	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$67,400	
Other Observation, Extent : N/A, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	25%			2028	$31,500	10	$4,500	
Emergency, Battery	25%			2038	* *	10	$4,500	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	10%			2028	$35,000	10		
LED	20%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$140,800	1	$28,000	
Other Observation, Extent : N/A, Area Affected : 100% Location : Hallways, Outside Perimeter Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$46,200	
Other Observation, Extent : N/A, Area Affected : 100% Location : Throughout The Building Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$32,700	2038	* *	1	$66,800	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : The Shells Of Boilers								
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Unit No.2, Boiler Room.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	15%	0-2	$4,500	2033	$90,100			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Return Pipes In The Basement								
Steam Piping/Pump	85%			2033	$510,500			
Terminal Devices								
Air Handler	10%			2028	$141,100	1	$4,600	
Convector/Radiator	80%			2031	$490,600	1	$19,400	
Fan Coil Unit/Heat	10%			2028	$186,000	1	$2,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2028	$198,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%	0-2	$395,300	LIFE	* *	2-5	$16,700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$39,700	
Exhaust Fans								
Interior	90%	0-2	$299,400	2043	* *	2	$1,700	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Roof	10%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	8%	0-2	$1,500	2043	* *	1		
Pump(s) Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Hot Water Circulation Pump, Basement								
Brass/Copper	72%			2043	* *	1		
Galvanized Steel	20%			2031	$191,500	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	30%	Now	$4,000	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 2%								
Location : Basement Boiler Room								
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,000	2033	$15,000	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Housing Of The Pump, Boiler Room.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$20,700	1-2	$400	
Chemical System								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Kitchen								
Explanation : Installation Has Been Stopped 3 Years Ago.								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 169 - BK**		
Address	: **4305 7TH AVE. @43RD STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K169**
Program / Asset #	: **BOE0468.000 / 10**	**Yr Built/Renovated**	: **1915 / 1999**
Area Sq Ft	: **110,303**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **732** **Lot** : **1**	**BIN**	: **3011002**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,993,800	$1,205,400
Interior Architecture	$6,270,000	$136,600
Electrical	$410,600	$832,800
Mechanical	$488,700	$2,337,700
Site Pavements		$68,800
Total	**$9,163,100**	**$4,581,400**
Importance Code A	$1,993,800	$1,256,700
Importance Code B	$6,894,500	$3,256,900
Importance Code C	$274,800	$67,800
Total	**$9,163,100**	**$4,581,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,800	$1,300	$7,200	
Interior Architecture	$14,400	$13,500	$33,500	$8,300
Electrical	$62,800	$4,400	$4,500	$4,000
Mechanical	$40,700	$16,500	$36,200	$16,500
Site Enclosure	$18,600			
Site Pavements	$21,500			
Total	**$201,800**	**$35,800**	**$81,300**	**$28,800**
Importance Code A	$54,700	$12,300	$18,300	$10,900
Importance Code B	$119,300	$14,100	$63,000	$17,800
Importance Code C	$27,800	$9,400		
Total	**$201,800**	**$35,800**	**$81,300**	**$28,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,800	
Masonry: Brick	85%	Now	$670,400	LIFE	* *	5	$162,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Walls								
Masonry: Granite	3%			LIFE	* *	5	$4,300	
Masonry: Limestone	5%	Now	$150,900	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Ramp Cheek Wall On 44th Street								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	2%			2041	* *	5-10	$26,300	
Windows								
Aluminum	100%	4+	$809,800	2039	* *	5	$28,300	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$26,400	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	80%	Now	$117,500	LIFE	* *	5	$18,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Rail	5%			2044	* *	5-10	$21,000	
Metal Security Bars	5%			2059	* *			
Pre-Cast Concrete	5%	Now	$4,700	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Roof								
Built-Up (BUR)	88%	Now	$245,100	2031	$817,100			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Copper/Terne	2%			2059	* *	10	$4,000	
IRMA/Protected Membrane	8%			2031	$150,600	10	$6,400	
Roll Roofing	2%			2030	$10,300	5	$2,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,100	
Ceramic Tile	5%			2040	* *	5	$8,300	
Marble Panels	5%			LIFE	* *	5	$6,200	
Quarry Tile	5%			2044	* *	5	$12,400	
Terrazzo	5%			LIFE	* *	5	$6,400	
Vinyl Tile	40%			2036	* *	3	$33,000	
Vinyl Tile 9" X 9"	20%			2026	$5,827,700	3	$12,400	
Wood	15%			2046	* *	5	$46,400	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$18,800	
Gypsum Board	7%			LIFE	* *	5	$15,800	
Masonry: Brick	9%			LIFE	* *			
Marble Panels	4%			LIFE	* *			
Plaster	60%	Now	$274,800	LIFE	* *	5	$67,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Upper Classroom Floors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Upper Classroom Floors								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	8%			2036	* *	5	$12,200	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,600	
Gypsum Board	5%			LIFE	* *	5	$9,600	
Plaster	72%	4+	$167,500	LIFE	* *	5	$68,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Upper Classroom Floors								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Upper Classroom Floors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Upper Classroom Floors								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$10,900	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 44th Street Side								
Retaining Walls								
Cast in Place Concrete	100%	Now	$7,700	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Ramp Wall On 43rd Street Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	80%	Now	$13,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Ramp Area On 44th Street								
Panel/Paver: Bluestone	5%	Now	$3,700	LIFE	* *	5	$500	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Steps At Entry In Rear Yard								
Steel Plate	15%			LIFE	* *	1		
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Steel Stair Located On 44th Street Side								
Activity Yard								
Asphalt	40%	0-2	$4,700	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								
Cast in Place Concrete	35%			2036	* *			
Rubber Matting	25%			2031	$68,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2031	$130,000	5	$200	
Fused Disc Sw	50%			2057	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 600 Ampere Disconnect Switch For New Building Extension								
Raceway								
Conduit	95%			2031	$231,500	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	15%			2030	$35,900	5	$400	
Molded Case Bkrs	75%			2030	$179,600	5	$2,200	
Molded Case Bkrs	10%			2047	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$307,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2029	$145,200	5	$600	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	94%			2039	* *	10	$95,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2036	* *	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Closets, Storage Rooms, Short Corridors								
LED	5%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%	Now	$18,500	2041	* *			
Not Functioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout The Building								
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%	Now	$102,900	2041	* *			
Malfunctioning, Extent : Moderate, Area Affected : 33%								
Location : Wall Fixtures And Parapet Fixtures								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$42,700	2041	* *	1-3	$18,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : First Floor Lobby Pull Station								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$109,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Building Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	90%	Now	$79,500	2031	$795,000			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Steam Risers, Various								
No Component	10%							
Terminal Devices								
Air Handler	15%			2026	$311,400	1	$10,200	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : The Blowers Are Not Used, Although They Are Functional Due To Enough Heat In Auditorium And Gymnasium								
Convector/Radiator	75%			2029	$676,500	1	$26,700	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2031	$120,900	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 1 Unit								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And One In Main Distribution Frame Room								
Explanation : 13 Wall Mounted Units								
Window/Wall Unit	70%			2029	$292,500	1		
No Component	10%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$28,700	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2036	* *	1	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Basement								
Explanation : 1 Unit								
No Component	85%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	15%			2036	* *	2	$11,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 1 Unit								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,500	
Exhaust Fans								
Interior	20%			2026	$97,800	2	$700	
Roof	80%	Now	$17,100	2031	$171,200	2	$2,200	
Broken, Extent : Severe, Area Affected : 15%								
Location : New Wing Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$281,600	1		
Water Heater With Tanks								
Electric	5%			2026	$1,200	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Temporary Water Heater For Kitchen Only								
Gas Fired	95%	Now	$300	2029	$16,200	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$4,400	2031	$22,100	4	$2,300	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Pump In Boiler Room And New Wing Basement								
Backflow Preventer								
Generic	100%			2036	* *	1	$6,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2031	$30,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 169 - M (ECF) (SIE VII)**		
Address	: **110 EAST 88 STREET @PARK AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M169**
Program / Asset #	: **BOE0103.000 / 1654**	**Yr Built/Renovated**	: **1973 /**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,Ph**		
Block	: **1516** **Lot** : **7**	**BIN**	: **1048043**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$421,400	$88,300
Interior Architecture	$1,150,000	$1,571,300
Electrical	$152,900	$940,600
Mechanical	$5,291,800	$1,210,900
Total	**$7,016,100**	**$3,811,100**
Importance Code A	$2,196,400	$88,300
Importance Code B	$4,211,300	$3,722,800
Importance Code C	$608,500	
Total	**$7,016,100**	**$3,811,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,400	$27,700		$19,300
Interior Architecture	$12,700	$1,700	$8,300	$11,100
Electrical	$11,900	$2,700	$2,300	$34,300
Mechanical	$110,900	$58,500	$51,500	$41,800
Site Pavements	$1,600			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$153,300**	**$100,500**	**$71,900**	**$116,400**
Importance Code A	$6,400	$27,700	$5,800	$19,500
Importance Code B	$146,900	$72,800	$60,200	$96,900
Importance Code C			$6,000	
Total	**$153,300**	**$100,500**	**$71,900**	**$116,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$24,500	
Masonry: Brick	90%	Now	$363,500	LIFE	* *	5	$88,300	
Spalling, Extent : Severe, Area Affected : 15%								
Location : East Side Below Apartments								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Facade Along 87th Street To Basement								
Metal Panel	5%			2052	* *	5-10	$33,700	
Windows								
Aluminum	95%	Now	$58,000	2048	* *	5	$6,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Room 316								
Metal Louvers	5%	Now	$1,800	2041	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 5th Floor Roof								
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$34,200	
Masonry: Brick	20%			LIFE	* *	5	$1,900	
Masonry: Limestone	20%			LIFE	* *	5	$2,400	
Metal Rail	25%			2045	* *	5-10	$42,800	
Roof								
Built-Up (BUR)	32%			2037	* *	10	$10,200	
Cast in Place Concrete	65%	Now	$4,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard 3rd Floor								
Metal Panel	3%			2045	* *	10	$1,700	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$10,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,900	
Ceramic Tile	5%			2041	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$3,500	
Vinyl Tile	60%	Now	$150,500	2032	$1,505,200	3	$20,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : 3rd Floor								
Vinyl Tile	15%			2040	* *	3	$5,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Lunchroom, 1st Floor								
Wood	5%			2047	* *	5	$8,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	23%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$12,000	
Concrete Masonry Unit	10%	Now	$225,900	LIFE	* *	5	$9,600	
Diagonal Cracks, Extent : Severe, Area Affected : 15%								
Location : Staircase C, 3rd Floor Gymnasium								
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Staircase C, 3rd Floor Gymnasium								
Folding Partition	2%			2048	* *	5	$12,000	
Plaster	20%			LIFE	* *	5	$14,400	
Plaster	10%	Now	$58,500	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rooms 129 And 128, Psychologist Office, Multipurpose Room, Staircase C, 3rd Floor Gymnasium								
SGFT/Glazed Masonry	30%	Now	$324,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors								
Ceilings								
AcousTileConcealSpLn	75%	Now	$306,800	2045	* *	5	$39,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Rooms 129 And 128, Psychologist Office, Multipurpose Room, Clinical Services Room.								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Clinical Services Room								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Clinical Services Room, Cafeteria								
Exposed Struc: Concrete	5%	Now	$12,700	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 5th Floor								
Fiber Board	5%			2032	$66,100			
Metal Panel	5%	Now	$84,200	LIFE	* *	5	$5,300	
Bent/Warped Elements, Extent : Severe, Area Affected : 75%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$5,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$1,600	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Along 87th Street								
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Pavers/Stone	10%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere And One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2030	$26,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 300 And Two 30 Kilovolt Amperes 480 Volts Primary 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$100	
Molded Case Bkrs	85%			2031	$152,700	5	$1,400	
Molded Case Bkrs	5%			2048	* *	5	$100	
Wiring								
Thermoplastic	95%			2032	$189,600	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	10%			2030	$11,900	5		
Motor Control Center	90%			2030	$265,900	5	$1,500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	88%			2037	* *	10	$50,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classroom, Offices, Hallway And Bathroom								
Explanation : T-8 Lamps								
Fluorescent	6%			2037	* *	10	$3,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement And Gymnasium								
LED	6%			2037	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 169 - M (ECF) (SIE VII)
Asset # : 1654

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	10%			2037	* *	10	$1,500	
Emergency, Battery	40%			2027	$41,600	10	$6,000	
Exit, Service	50%			2027	$13,400	1		
Exterior Lighting								
HID	20%			2027	$57,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$11,600	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Smoke Detector								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$11,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Smoke Detector, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Radiant Heater	100%	Now	$161,400	2027	$1,613,600	2	$23,000	
Damaged, Extent : Severe, Area Affected : 50%								
Location : First And Second Floor Classrooms								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Above Ceiling								
Explanation : Electric Duct Heater								
Terminal Devices								
Air Handler	50%			2027	$583,400	1	$19,200	
Fan Coil Unit/Heat	40%	Now	$30,700	2027	$614,900	1	$7,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Classrooms, Defective Pneumatic Controls								
Fan Coil Unit/Heat	10%			2037	* *	1	$2,000	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	95%			2032	$868,900	1	$27,300	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Penthouse Mechanical Equipment Room								
Explanation : Two 100 Ton Split Chillers With Packaged Interior Condensing Unit. R-22								
Split Unit	5%			2037	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Side Wall								
Explanation : R-410a								
Distribution								
CW & CHW Wtr Pipe/Pump	95%	0-2	$9,500	2042	* *	4	$2,900	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : 5th Floor Mechanical Room								
No Component	5%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2027	$601,500	1	$19,200	
Fan Coil - 2 Pipe	5%			2037	* *	1	$1,000	
Fan Coil - 4 Pipe	45%			2027	$1,061,200	1	$9,000	
Heat Rejection								
Air Cooled Condenser Unit	95%			2032	$170,500	2	$41,000	
Evaporative Condenser	5%			2037	* *	2	$2,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$54,500	LIFE	* *	2-5	$34,600	
Unit Inoperable, Extent : Severe, Area Affected : 80%								
Location : Dampers, Throughout								
Exhaust Fans								
Interior	100%	Now	$13,700	2027	$275,000	2	$1,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Damper Actuators								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$15,900	2042	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Mechanical Room								
Water Heater With Tanks								
Not Accessible	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 169 - M (ECF) (SIE VII)
Asset # : 1654

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	50%							
Generic	50%			2037	* *	1	$1,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 5th Floor, 1 Unit From Basement To 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$32,400	
Sprinkler								
No Component	80%							
Generic	20%			2032	$171,500	1-2	$3,500	
Chemical System								
Generic	100%			2025	$326,400	1-3	$297,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 169 - Q**		
Address	: **18-25 212 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q169**
Program / Asset #	: **BOE0814.000 / 1534**	**Yr Built/Renovated**	: **1957 / 2009**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5865** **Lot** : **50**	**BIN**	: **4131147**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$251,600	$1,419,500
Interior Architecture	$226,600	
Electrical	$179,600	$447,000
Mechanical	$903,200	$2,787,600
Total	**$1,561,100**	**$4,654,200**
Importance Code A	$922,800	$1,419,500
Importance Code B	$470,000	$3,234,700
Importance Code C	$168,200	
Total	**$1,561,100**	**$4,654,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$153,700	$39,600	$11,600	
Interior Architecture	$115,400		$22,600	$6,100
Electrical	$24,900	$5,900	$7,500	$6,000
Mechanical	$80,400	$16,900	$18,200	$12,300
Site Enclosure	$23,400			
Site Pavements	$38,800			
Total	**$436,600**	**$62,500**	**$59,900**	**$24,400**
Importance Code A	$153,700	$47,300	$19,200	$7,600
Importance Code B	$169,100	$15,200	$40,700	$13,900
Importance Code C	$113,800			$2,900
Total	**$436,600**	**$62,500**	**$59,900**	**$24,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	10%			LIFE	* *	5	$16,800	
Masonry: Brick Cavity	80%			LIFE	* *	5	$215,600	
Granite Panels	5%			LIFE	* *	5	$10,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$43,800	
Windows								
Aluminum	23%			2041	* *	5	$8,800	
Aluminum	75%	Now	$78,600	2041	* *	5	$14,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 75% *Location : Throughout*								
Metal Louvers	2%			2042	* *	10	$4,800	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5-10	$76,400	
Metal Rail	30%			2050	* *	5-10	$100,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$23,400	
Roof								
Built-Up (BUR)	30%			2033	$273,400	10	$23,400	
IRMA/Protected Membrane	50%	Now	$46,200	2033	$923,900			
Ponding, Extent : Moderate, Area Affected : 15% *Location : Throughout* *Vegetation Growth, Extent : Light, Area Affected : 5%* *Location : Around Drains* *Water Penetration, Extent : Moderate, Area Affected : 5%* *Location : Room 325*								
Metal Panel	5%			2046	* *	10	$7,200	
Modified Bitumen	15%			2038	* *	10	$11,700	
Soffits								
Cast in Place Concrete	10%	4+	$12,600	LIFE	* *	5	$5,300	
Paint Peeling, Extent : Moderate, Area Affected : 10% *Location : Entry Canopy*								
Cast in Place Concrete	90%			LIFE	* *	5	$95,700	
Interior								
Floors								
Carpet	2%			2032	$41,500	3	$3,500	
Cast in Place Concrete	8%	Now	$16,000	LIFE	* *	5	$20,600	
Water Penetration, Extent : Moderate, Area Affected : 5% *Location : Basement Chiller*								
Ceramic Tile	5%			2042	* *	5	$5,900	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	2%	2-4	$19,500	2038	* *	3	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 2% *Location : Throughout*								
Vinyl Tile	73%			2038	* *	3	$32,100	
Wood	5%			2048	* *	5	$11,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$5,700	
Concrete Masonry Unit	5%	Now	$17,900	LIFE	* *	5	$3,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Chiller								
Glass: Single Pane	2%			LIFE	* *	5	$5,700	
Masonry: Brick	5%			LIFE	* *	10	$2,900	
Marble Panels	3%			LIFE	* *	10	$2,300	
Plaster	5%	4+	$115,900	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Plaster	50%			LIFE	* *	5-10	$81,000	
SGFT/Glazed Masonry	27%			LIFE	* *	10	$25,700	
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$16,300	
AcousTileConcealSpLn	15%			2046	* *	5	$20,400	
AcousTileSusp.Lay-In	1%			2046	* *	5	$1,100	
Exposed Struc: Concrete	49%			LIFE	* *	5-10	$66,700	
Metal Panel	10%	2-4	$7,200	LIFE	* *	5	$13,600	
Bent/Warped Elements, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Plaster	10%	4+	$16,600	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Iron Picket	60%	2-4	$23,400	2068	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 35%								
Location : Corner Of 212th Street And 23rd Avenue								
Explanation : Sidewalk Shed In Use, New Wing Under Construction								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$38,800	2046	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Loading Area								

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	45%			2042	* *			
Rubber Matting	10%			2038	* *			
Under Construction	45%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Activity Yard								
Explanation : New Wing Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2063	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Disconnected Switch Rated At 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2063	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	75%			2033	$108,400	1		
Conduit	25%			2053	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$18,000	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	50%	2-4	$89,800	2058	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	25%			2032	$44,900	5	$500	
Molded Case Bkrs	15%			2055	* *	5	$300	
Wiring								
Braided Cloth	45%	2-4	$89,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	55%			2059	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$107,500	5	$500	
Locally Mounted	10%			2046	* *	5	$100	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Recently Installed								
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$60,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	15%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Gymnasium, Auditorium								
Explanation : LED Light Fixtures								
Egress Lighting								
Emergency, Service	10%			2028	$4,700	1		
Emergency, Battery	40%			2038	* *	10	$7,400	
Exit, Battery	50%			2038	* *	10	$2,600	
Exterior Lighting								
HID	15%			2028	$53,900	10		
Incandescent	10%			2028	$41,300	2		
No Component	75%							
Alarm								
Security System								
No Component	50%							
Generic	50%			2028	$72,300	1	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$47,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Auditorium, Gymnasium								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$179,100	5	$23,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$671,100	2053	* *	1	$68,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Oil Leaks From Both Burners. Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : No.2 Boiler. Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Old Units								
Distribution								
Steam Piping/Pump	100%	0-2	$61,700	2033	$616,600			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Return Line Somewhere Underground In Basement.								
Steam Traps Faulty, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2033	$362,300	1	$11,900	
Convector/Radiator	75%			2031	$472,200	1	$18,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%	0-2	$170,400	2043	* *	1	$4,800	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : 2 Abandoned Units In Basement Auditorium Fan Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : Units Remain In Place Causing Flooding, Must Be Removed.								
Window/Wall Unit	60%			2031	$175,000	1		
No Component	25%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%	0-2	$2,800	2033	$14,000	4	$600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Has Not Been Used For Many Years. Basement Fan Room								
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2033	$168,100	1	$7,100	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2033	$170,800	2	$1,200	
Roof	50%			2028	$74,700	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$196,600	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit With 1 Old Heat Exchanger As Storage Tank.								
HW Heat Exchanger								
Steam Fired	100%			2033	$372,300	4	$11,400	
Sanitary Piping								
Cast Iron	100%	Now	$48,500	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : Underground Of Old Chiller Room Cause Flooding. Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,400	4	$2,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,100	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 170 - BK**		
Address	: **7109 6TH AVE. BTWN: 71 ST, 72 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K170**
Program / Asset #	: **BOE0469.000 / 8**	**Yr Built/Renovated**	: **1915 / 2015**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5,6,7**		
Block	: **5899** **Lot** : **1**	**BIN**	: **3146921**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$134,800
Interior Architecture	$70,900	$2,245,500
Electrical		$125,300
Mechanical	$222,800	$304,500
Total	**$293,700**	**$2,810,100**
Importance Code A		$134,800
Importance Code B	$222,800	$429,800
Importance Code C	$70,900	$2,245,500
Total	**$293,700**	**$2,810,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$10,800	
Interior Architecture	$40,400	$19,700	$8,100	$23,900
Electrical	$13,200	$50,400	$11,400	$9,600
Mechanical	$16,200	$15,300	$25,200	$11,800
Site Enclosure	$4,200			
Site Pavements	$10,000			
Total	**$84,000**	**$85,300**	**$55,500**	**$45,300**
Importance Code A	$4,400	$4,500	$15,200	$4,400
Importance Code B	$75,400	$80,800	$40,300	$40,900
Importance Code C	$4,200			
Total	**$84,000**	**$85,300**	**$55,500**	**$45,300**

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$13,900	
Masonry: Brick	95%			LIFE	* *	5	$84,400	
Repairs in Progress, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : 1915 Building								
Masonry: Limestone	3%			LIFE	* *	5	$2,000	
Windows								
Aluminum	100%			2046	* *	5	$21,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,400	
Masonry: Brick	90%			LIFE	* *	5	$8,500	
Repairs in Progress, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2038	* *	10	$50,300	
Interior								
Floors								
Carpet	2%			2031	$35,300	3	$3,000	
Ceramic Tile	4%			2043	* *	5	$4,000	
Quarry Tile	2%			2047	* *	5	$3,000	
Terrazzo	7%	Now	$13,100	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	65%			2035	* *	3	$24,300	
Wood	20%			2045	* *	5	$37,400	
Interior Walls								
Ceramic Tile	35%			2033	$2,245,500	5	$40,800	
Gypsum Board	15%			LIFE	* *	5	$10,500	
Plaster	50%	Now	$70,900	LIFE	* *	5	$17,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	45%			2047	* *	5	$44,900	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Plaster	45%	2-4	$27,300	LIFE	* *	5	$28,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout And The Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2056	* *			
Iron Picket	75%	4+	$4,200	2065	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	60%	2-4	$4,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Pavers/Stone	40%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%	2-4	$5,100	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooms 670, 671								
Explanation : Dry Type Transformers								
Switchgear / Switchboard								
Fused Disc Sw	20%			2030	$39,000	5	$100	
Fused Disc Sw	80%			2050	* *	5	$200	
Raceway								
Conduit	50%			2030	$72,300	1		
Conduit	50%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	80%			2046	* *	5	$1,200	
Molded Case Bkrs	10%			2029	$14,000	5	$200	
Wiring								
Braided Cloth	20%			2029	$39,900	1		
Thermoplastic	80%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$300	
Variable Frequency Drive	20%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	

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DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$18,200	
Generators								
Diesel	100%			2039	* *	1	$22,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room C090								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,200	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room C090								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	70%			2035	* *	10	$37,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2035	* *	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
LED	29%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Service	5%			2035	* *	1		
Emergency, Battery	45%			2030	$44,600	10	$6,400	
Exit, Battery	50%			2035	* *	10	$2,000	
Exterior Lighting								
HID	50%			2035	* *	10	$100	
LED	50%			2035	* *			
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$500	
Alarm								
Security System								
Generic	50%			2035	* *	1	$11,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout The Building								
Explanation : CCTV System								
Generic	50%			2035	* *	1	$11,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$36,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Pull Stations, Horns, Strobes, Smoke Detection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Building								
Interruptible Gas/Dual Fuel	50%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Old Building								
Conversion Equipment								
Hot Water Boiler	50%			2043	* *	1	$14,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor New Building								
Explanation : 2 Units								
Steam Boiler	50%			2035	* *	1	$29,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room Of Old Building								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	50%			2046	* *	4	$1,500	
Steam Piping/Pump	50%	Now	$4,700	2030	$236,200			
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Basement Old Building								
Terminal Devices								
Air Handler	10%			2025	$111,000	1	$3,700	
Convector/Radiator	40%			2035	* *	1	$7,600	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : New Building								
Explanation : Unit Under Air Conditioning Section								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2035	* *	1	$13,700	
Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : New Building								
Window/Wall Unit	50%			2025	$111,800	1		
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2050	* *	4	$300	
Ductwork/Diffusers	40%			LIFE	* *	2	$30,700	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2035	* *	1	$18,200	
Other Observation, Extent : Light, Area Affected : 100% Location : Roof New Building Explanation : 3 Units								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$16,500	
Ductwork/Diffusers	50%			LIFE	* *	2-5	$16,500	
Exhaust Fans								
Roof	50%			2035	* *	2	$900	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100% Location : 5th Floor New Building Explanation : Unit Serves Both Buildings								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,200	
Backflow Preventer								
Generic	100%			2035	* *	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 5th Floor In New Building							
	Explanation : 2 Units							
No Component	50%							
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2050	* *	1-5	$14,900	
Sprinkler								
No Component	50%							
Generic	50%			2050	* *	1-2	$8,300	
Fire Pump								
No Component	50%							
Generic	50%			2039	* *	1	$5,500	
Chemical System								
No Component	97%							
Generic	3%			2028	$3,700	1-3	$3,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 170 - BX**		
Address	: **1594 TOWNSEND AVE. @ MT. EDEN AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X170**
Program / Asset #	: **BOE0979.000 / 4142**	**Yr Built/Renovated**	: **1993 / 2002**
Area Sq Ft	: **42,092**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2847** **Lot** : **41**	**BIN**	: **2103870**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$352,400	$155,300
Interior Architecture	$76,000	$198,500
Electrical		$793,700
Mechanical		$3,016,500
Total	**$428,400**	**$4,163,900**
Importance Code A	$352,400	$522,200
Importance Code B	$76,000	$3,443,300
Importance Code C		$198,500
Total	**$428,400**	**$4,163,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$11,400	
Interior Architecture	$18,100	$1,800	$6,500	
Electrical	$7,300	$4,400	$4,300	$4,100
Mechanical	$71,900	$16,400	$19,300	$9,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$101,300**	**$26,600**	**$45,500**	**$17,700**
Importance Code A	$18,300	$4,300	$15,600	$4,200
Importance Code B	$66,400	$22,300	$29,900	$13,600
Importance Code C	$16,500			
Total	**$101,300**	**$26,600**	**$45,500**	**$17,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$74,400	
Masonry: Brick Cavity	85%	Now	$352,400	LIFE	* *	5	$80,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Upper Section Of West Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Upper Section Of West Facade, Bulkheads								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Metal Coiling Doors	5%			2043	* *	5	$14,900	
Windows								
Aluminum	100%			2046	* *	5	$22,800	
Parapets								
Under Construction	100%							
Roof								
Metal Panel	5%			2043	* *	10	$2,700	
Under Construction	95%							
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,900	
Ceramic Tile	5%			2039	* *	5	$3,100	
Quarry Tile	5%			2043	* *	5	$4,700	
Vinyl Tile	82%			2035	* *	3	$19,400	
Wood	3%			2065	* *	5	$3,500	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$33,100	
Concrete Masonry Unit	15%			LIFE	* *	5	$39,700	
Gypsum Board	50%			LIFE	* *	5	$198,500	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	75%	Now	$76,000	2043	* *	5	$29,500	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2043	* *	5	$6,300	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$7,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
Activity Yard								
Cast in Place Concrete	5%			2043	* *			
Rubber Matting	95%			2035	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 170 - BX
Asset # : 4142

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amperes For Emergency Automatic Transfer Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$200	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$100	
Molded Case Bkrs	90%			2038	* *	5	$1,000	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$13,000	
Generators								
Diesel	100%			2033	$138,700	1	$16,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 100 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$1,600	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 30 Gallons								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2030	$596,100	10	$36,700	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2038	* *	10	$1,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Multipurpose Room								
Egress Lighting								
Emergency, Service	60%			2030	$15,600	1		
Exit, Service	40%			2030	$7,300	1		
Exterior Lighting								
HID	30%			2030	$58,900	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$4,700	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$7,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil No. 2, 3,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$18,300	2028	$366,900	1	$37,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of No.1 Unit. Basement Boiler Room								
Not in Service, Extent : Moderate, Area Affected : 3%								
Location : Fuel Switch, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$6,700	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Building Management System, Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2030	$198,000	1	$6,500	
Convector/Radiator	15%	0-2	$5,200	2035	* *	1	$1,800	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Various Classrooms								
Fan Coil Unit/Heat	60%	0-2	$31,300	2030	$626,200	1	$7,300	
Not in Service, Extent : Moderate, Area Affected : 60%								
Location : Throughout Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	70%			2030	$434,700	1	$13,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Exterior Pkg Unit - Cooling	20%			2035	* *	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	10%			2030	$100,000			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	70%			2040	* *	4	$2,200	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	$163,300	1	$5,200	
Fan Coil - 2 Pipe	10%			2030	$128,400	1	$1,400	
Fan Coil - 4 Pipe	50%			2030	$800,500	1	$6,800	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	70%			2030	$85,300	2	$20,500	
Dry Cooler	10%			2030	$19,300	2	$2,900	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$23,500	
Exhaust Fans								
Interior	30%			2030	$56,000	2	$400	
Roof	70%			2030	$57,200	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$8,400	4	$900	
Sewage Ejector(s)								
Electric	100%			2030	$22,000	4	$1,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$21,200	
Sprinkler								
No Component	70%							
Generic	30%			2040	* *	1-2	$3,500	
Chemical System								
No Component	99%							
Generic	1%			2025	$400	1-3	$400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 171 - M**		
Address	: **19 EAST 103 STREET BTWN: 5 AVE., MADISON AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M171**
Program / Asset #	: **BOE0104.000 / 1655**	**Yr Built/Renovated**	: **1900 / 2011**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3,5,Att**		
Block	: **1609** **Lot** : **7**	**BIN**	: **1051497**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$74,600	$273,600
Interior Architecture	$1,462,600	$2,597,700
Electrical	$147,600	$403,100
Mechanical	$1,109,100	$1,242,000
Site Pavements		$197,200
Total	**$2,793,800**	**$4,713,500**
Importance Code A	$74,600	$273,600
Importance Code B	$1,971,400	$3,282,700
Importance Code C	$747,800	$1,157,300
Total	**$2,793,800**	**$4,713,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,100	$7,700		
Interior Architecture	$53,300	$25,200		$10,100
Electrical	$120,900	$3,900	$2,100	$1,600
Mechanical	$103,400	$29,700	$14,300	$12,600
Site Enclosure	$2,000			
Site Pavements	$17,400			
Total	**$305,100**	**$66,500**	**$16,400**	**$24,300**
Importance Code A	$24,600	$17,400	$9,400	$9,400
Importance Code B	$272,800	$49,200	$7,000	$14,900
Importance Code C	$7,700			
Total	**$305,100**	**$66,500**	**$16,400**	**$24,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$38,600	
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$180,900	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$92,600	
Repairs in Progress, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 75%								
Location : Throughout								
Masonry: Limestone	20%			LIFE	* *	5	$23,200	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	98%			2038	* *	5	$44,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Glass Block	2%	Now	$1,900	LIFE	* *	5	$600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor								
Roof								
Asphalt Macadam	10%	Now	$6,100	2035	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 103 Yard And 104 St Play Yard								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : 103 Yard And 104 St Play Yard - Access Doors And Grills Flood Basement Below								
Clay Tile	17%	Now	$74,600	2050	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Scuppers And Roof Drains Throughout								
Clay Tile	58%			2050	* *	10	$36,000	
Copper/Terne	5%			2045	* *	10	$7,700	
Skylight, Metal/Glass	10%			2040	* *	10	$20,700	
Soffits								
Cast Stone/Terra Cotta	25%			LIFE	* *	5		
Masonry: Limestone	75%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$27,400	LIFE	* *	5	$35,200	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Basement And North East Wing								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement And North East Wing								
Ceramic Tile	5%	Now	$90,800	2033	$454,200	5	$4,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Toilets Throughout And Kitchen								
Terrazzo	5%			LIFE	* *	5	$6,300	
Traffic Topping	25%			2035	* *	5	$50,400	
Vinyl Tile	25%	Now	$55,600	2030	$1,112,800	3	$15,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	0-2	$355,500	2040	* *	3	$15,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Corridors, Stairs And Classrooms								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout Corridors, Stairs And Classrooms								
Uneven Substrate, Extent : Severe, Area Affected : 50%								
Location : Throughout Corridors, Stairs And Classrooms								
Wood	5%	Now	$144,200	2045	* *	5	$7,600	
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Throughout Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$288,000	2033	$960,200	5	$8,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Toilets, Kitchen And Stairs Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Stairwells								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Boys And Girls Bathrooms								
Masonry: Brick	20%	Now	$332,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : At Waste Line Wall Penetration, East Wing								
Plaster	60%	Now	$127,400	LIFE	* *	5	$31,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Locker Room And Toilet, 3rd Floor Corridor Throughout								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : 3rd And 4th Floor Classrooms, Stairwells And Corridors								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$25,900	2035	* *	5	$20,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Library								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Library And Auditorium								
AcousTileConcealSpLn	5%			2043	* *	5	$10,100	
Plaster	70%	Now	$68,600	LIFE	* *	5	$70,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor And Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 5th Floor And Basement Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%	Now	$2,000	2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Yard On 103rd Street								

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DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Concrete Masonry Unit	100%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$11,700	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Asphalt	50%	0-2	$1,800	2033	$35,600			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 103rd Street Yard And 104th Street Yard								
Masonry: Granite	35%			LIFE	* *			
Pavers/Stone	15%	Now	$1,300	2033	$67,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 103rd Street Entrance Steps								
Parking/Driveway								
Asphalt	100%	4+	$2,600	2033	$129,900			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Activity Yard								
Asphalt	75%			2033				
Rubber Matting	25%			2030				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches With New Enclosure Panel								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$227,600	5	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Enclosure Panel Is New								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Fused Knife Sw	10%	4+	$24,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	40%			2029	$95,800	5	$1,000	
Molded Case Bkrs	40%			2046	* *	5	$1,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	10%	2-4	$29,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	90%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	85%			2035	* *	10	$74,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	15%	4+	$21,200	2035	* *			
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : 5th Floor								
Egress Lighting								
Emergency, Battery	50%			2030	$79,700	10	$11,500	
Exit, Service	50%			2030	$20,500	1		
Exterior Lighting								
HID	10%	Now	$44,300	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
No Component	90%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$73,500	1-3	$17,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	2-4	$10,900	2050	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Leaks At Fuel Oil Pumps In Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 8,000 Gallon Tank For No. 2 Fuel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	4+	$16,600	2043	* *	1	$84,700	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Safety Relief Valve On Boiler No 1.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	12%	Now	$54,800	2030	$91,300			
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Piping In 1st Floor Book Storage And At Auditorium Blower Coils								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Thermostats On The 1st, 2nd And 3rd Floors.								
Unbalanced System, Extent : Severe, Area Affected : 20%								
Location : Water Log In Heating Riser Serving Classrooms And Entrance Along The Northeast Corner. Resulting In Water Hammer.								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Boiler Feedwater Tank In Basement.								
Explanation : Insulation Deteriorating And Tank Corroding.								
Steam Piping/Pump	88%			2030	$669,500			
Terminal Devices								
Air Handler	15%			2025	$268,200	1	$8,800	
Convector/Radiator	55%	Now	$8,500	2028	$427,300	1	$15,200	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Fan Coil Unit/Heat	20%			2025	$471,100	1	$6,100	
Unit Heater - Steam	10%			2030	$54,000	4	$900	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Gymnasium								
Explanation : Insufficient Heat								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2025	$251,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$7,900	
No Component	85%							
Exhaust Fans								
Interior	15%	Now	$3,200	2025	$63,200	2	$300	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Interior And Bathrooms								
No Component	85%							
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$24,400	2040	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : 104 Street Water Main, Basement								
On Extended Life, Extent : Severe, Area Affected : 80%								
Location : 1 Of Two Motors Not Working At Booster Pumps								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	0-2	$23,900	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$6,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 50%								
Location : Storm Drain At 103rd Street Parking Lot								
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room And At Clamped Connections To Roof Drain Offsets To Exterior.								
Sump Pump(s)								
Non-Submersible	100%	Now	$7,600	2030	$19,000	4	$2,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : 1 Of 2 Pump Sets In Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Duplex Sets Near The End Of Useful Life.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2030	$26,300	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 171 - Q**
Address : **14-14 29 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0815.000 / 1535**
Area Sq Ft : **134,000**
Date of Survey : **13-Sep-2019**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **537** **Lot** : **14**

Agency's Number : **Q171**
Yr Built/Renovated : **1952 / 1999**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4006046**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$189,500	$249,200
Interior Architecture	$1,156,100	$66,900
Electrical	$388,800	$556,300
Mechanical	$304,600	$5,823,400
Site Pavements	$168,100	
Total	**$2,207,000**	**$6,695,800**
Importance Code A	$189,500	$1,468,500
Importance Code B	$1,791,400	$5,160,300
Importance Code C	$226,100	$66,900
Total	**$2,207,000**	**$6,695,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,800			$22,300
Interior Architecture	$30,600	$4,900	$34,700	$18,500
Electrical	$4,100	$3,100	$20,900	$5,200
Mechanical	$91,900	$19,900	$78,300	$29,100
Site Pavements	$7,500			
Total	**$148,800**	**$27,900**	**$133,900**	**$75,200**
Importance Code A	$59,100	$13,300	$13,600	$35,600
Importance Code B	$87,800	$14,600	$120,400	$39,600
Importance Code C	$1,900			
Total	**$148,800**	**$27,900**	**$133,900**	**$75,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$55,200	
Masonry: Brick	92%			LIFE	* *	5	$129,900	
Masonry: Granite	3%			LIFE	* *	5	$3,200	
Windows								
Aluminum	85%			2047	* *	5	$44,600	
Bronze/Brass	5%			2039	* *	5	$16,400	
Metal Louvers	2%			2034	* *	10	$6,600	
Steel	8%	Now	$189,500	2056	* *	5	$26,300	
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Basement Windows								
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : Basement								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$24,400	
Metal Rail	10%			2048	* *	5-10	$55,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$19,200	
Roof								
Copper/Terne	15%			2059	* *	10	$28,300	
Modified Bitumen	85%			2039	* *	10	$64,100	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$30,300	
Ceramic Tile	5%			2040	* *	5	$9,900	
Terrazzo	5%			LIFE	* *	5	$7,700	
Vinyl Tile	75%			2039	* *	3	$74,200	
Vinyl Tile 9" X 9"	3%			2026	$1,047,500	3	$2,200	
Wood	5%			2066	* *	5	$18,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$16,200	
Metal Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%	4+	$108,500	LIFE	* *	5	$66,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classrooms								
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Stair C								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2036	* *	5	$49,500	
AcousTileSusp.Lay-In	5%			2048	* *	5	$9,900	
Exposed Struc: Concrete	60%			LIFE	* *	5	$18,500	
Plaster	10%	4+	$12,000	LIFE	* *	5	$12,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classrooms								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%			2051	* *			
Iron Picket	25%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Explanation : Areaway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$50,500	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 30th Avenue								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$117,600	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Play Area On 30th Ave								
Masonry: Granite	5%	4+	$1,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 70%								
Location : Entry Steps								
Activity Yard								
Asphalt	50%	2-4	$5,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Area On 30th Ave								
Rubber Matting	50%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2051	* *	5	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2051	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$200	
Fused Disc Sw	5%			2030	$15,000	5	$200	
Molded Case Bkrs	90%			2047	* *	5	$3,200	
Wiring								
Braided Cloth	80%	2-4	$319,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$127,000	5	$600	
Locally Mounted	30%			2048	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$118,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	49%			2036	* *	10	$15,800	
Emergency, Battery	1%	Now	$2,200	2041	* *			
Damaged, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
Fluorescent	20%			2039	* *	10	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Compact Flourescent Lights								
LED	10%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$69,100	2041	* *	1-3	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$311,600	5	$41,500	
Conversion Equipment								
Steam Boiler	30%	0-2	$35,000	2029	$350,400	1	$35,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : No.3 Boiler								
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : No.3 Boiler, Basement Boiler Room								
Steam Boiler	70%			2029	$817,600	1	$92,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$21,500	2031	$1,073,000			
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Condensate Return Tank, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Terminal Devices								
Air Handler	30%			2031	$756,500	1	$24,900	
Convector/Radiator	70%			2029	$767,000	1	$30,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	20%			2036	* *			
Window/Wall Unit	60%			2026	$304,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,700	
Exhaust Fans								
Interior	100%			2031	$594,300	2	$4,100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$342,100	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$648,000	4	$13,300	
Sanitary Piping								
Cast Iron	10%	0-2	$3,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Boys Restroom								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$26,800	4	$2,800	
Sewage Ejector(s)								
Electric	100%			2031	$70,200	4	$5,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$92,700	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 172 - BK**		
Address	: **825 4TH AVE. BTWN: 29 ST. - 30 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K172**
Program / Asset #	: **BOE0471.000 / 9**	**Yr Built/Renovated**	: **1914 / 2000**
Area Sq Ft	: **47,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **669** **Lot** : **1**	**BIN**	: **3009847**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$755,000	
Interior Architecture	$701,900	$1,621,200
Electrical	$303,700	$404,500
Mechanical	$58,300	$1,578,800
Total	**$1,818,900**	**$3,604,500**
Importance Code A	$755,000	
Importance Code B	$971,300	$3,604,500
Importance Code C	$92,600	
Total	**$1,818,900**	**$3,604,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,800			
Interior Architecture	$5,800	$7,300	$6,300	
Electrical	$700	$1,100	$74,500	$600
Mechanical	$43,000	$6,500	$8,200	$7,000
Total	**$53,300**	**$14,900**	**$89,000**	**$7,600**
Importance Code A	$8,500	$4,700	$4,800	$4,700
Importance Code B	$40,000	$10,300	$84,300	$2,900
Importance Code C	$4,800			
Total	**$53,300**	**$14,900**	**$89,000**	**$7,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 172 - BK

Asset # : 9

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Entire Perimeter Of School								
Explanation : Sidewalk Shed In Place								
Windows								
Aluminum	100%	Now	$62,900	2047	* *	5	$6,600	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,200	
Masonry: Brick	80%			LIFE	* *	5	$6,400	
Metal: Cage/Fence	10%	Now	$3,800	2036	* *	5	$2,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Lower Balcony Of Roof Area								
Roof								
Built-Up (BUR)	80%			2026	$637,400	10	$54,600	
Fluid Applied Roofing	20%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Balcony Of Roof Area								
Explanation : This Is Actually A Fluid Applied Membrane Covered With Rubber Pavers								
Interior								
Floors								
Ceramic Tile	3%			2034	* *	5	$2,100	
Quarry Tile	2%			2036	* *	5	$2,100	
Vinyl Tile	85%			2031	$1,621,200	3	$22,000	
Vinyl Tile 9" X 9"	5%			2026	$609,300	3	$1,300	
Wood	5%			2046	* *	5	$6,500	
Interior Walls								
Ceramic Tile	10%			2034	* *	5	$9,500	
Masonry: Brick	7%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	80%	Now	$92,600	LIFE	* *	5	$22,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 301, 302 And The Walls Along 29th Street								
Ceilings								
AcousTileSusp.Lay-In	5%			2036	* *	5	$3,300	
Plaster	95%			LIFE	* *	5	$38,900	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 172 - BK

Asset # : 9

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch; One 200 Ampere Emergency Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$162,600	5	$200	
Raceway								
Conduit	90%			2031	$72,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$14,000	5	$100	
Molded Case Bkrs	80%			2030	$111,800	5	$1,000	
Molded Case Bkrs	10%			2047	* *	5	$100	
Wiring								
Braided Cloth	80%	2-4	$84,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$57,300	5	$300	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$42,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 172 - BK

Asset # : 9

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$39,400	10	$5,700	
Exit, LED	30%			2071	* *	1		
Exit, Service	20%			2026	$4,100	1		
Exterior Lighting								
HID	100%			2026	$219,300	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$24,200	1-3	$5,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$46,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2031	$376,400			
Terminal Devices								
Convector/Radiator	95%			2029	$365,100	1	$14,400	
Fan Coil Unit/Heat	5%			2026	$58,300	1	$800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Service For Auditorium								
Window/Wall Unit	80%			2029	$142,400	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$10,500	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 172 - BK

Asset # : 9

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	Now	$36,500	2031	$91,200	2	$1,200	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$603,600	1		
Water Heater With Tanks								
Electric	100%			2029	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 100-gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$9,400	4	$1,000	
Backflow Preventer								
Generic	100%			2036	* *	1	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2031	$13,000	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 173 - M**		
Address	: **306 FORT WASHINGTON AVENUE @ W. 173 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M173**
Program / Asset #	: **BOE0105.000 / 1656**	**Yr Built/Renovated**	: **1926 / 2012**
Area Sq Ft	: **113,200**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2142** **Lot** : **154**	**BIN**	: **1063503**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$542,000	$594,700
Interior Architecture	$2,050,600	$13,268,400
Electrical	$83,200	$2,871,100
Mechanical	$2,453,000	$1,943,700
Site Pavements		$411,500
Total	**$5,128,800**	**$19,089,300**
Importance Code A	$542,000	$625,500
Importance Code B	$4,473,500	$18,463,800
Importance Code C	$113,200	
Total	**$5,128,800**	**$19,089,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$91,000		$16,400	
Interior Architecture	$90,900		$4,000	$12,800
Electrical	$67,000	$18,400	$21,500	$21,800
Mechanical	$146,300	$42,700	$40,000	$59,200
Site Enclosure	$37,000			
Site Pavements	$14,600			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$451,800**	**$66,100**	**$86,800**	**$98,700**
Importance Code A	$102,200	$11,200	$27,600	$11,200
Importance Code B	$275,200	$54,800	$59,200	$87,500
Importance Code C	$74,400			
Total	**$451,800**	**$66,100**	**$86,800**	**$98,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$248,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Brick Cavity	20%			LIFE	* *	5	$76,300	
Masonry: Limestone	5%			LIFE	* *	5	$14,300	
Masonry: Marble	2%			LIFE	* *	5	$5,700	
Pre-Cast Concrete	8%	2-4	$55,400	LIFE	* *	5	$49,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : North Side - Existing Addition								
Windows								
Aluminum	96%	0-2	$127,300	2041	* *	5	$26,700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Louvers	2%			2036	* *	10	$7,000	
Steel	2%	Now	$83,600	2058	* *	5	$7,000	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Atrium - Existing Addition								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Atrium - Existing Addition								
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$85,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick Cavity	15%			LIFE	* *	5-10	$21,400	
Masonry: Limestone	5%			LIFE	* *	5-10	$12,700	
Metal: Cage/Fence	10%			2046	* *	5-10	$16,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$26,200	
Repairs in Progress, Extent : N/A, Area Affected : 60%								
Location : Throughout								
Roof								
Built-Up (BUR)	80%			2038	* *	10	$68,100	
IRMA/Protected Membrane	20%			2033	$402,600	10	$17,000	
Soffits								
Pre-Cast Concrete	100%	Now	$78,700	LIFE	* *	5	$21,800	
Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
Location : North Side Of Play Yard At West 174th Street								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$135,700	LIFE	* *	5	$34,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridors								
Ceramic Tile	5%			2036	* *	5	$8,000	
Marble Panels	5%			LIFE	* *	5	$12,000	
Quarry Tile	3%			2038	* *	5	$7,200	
Terrazzo	3%			LIFE	* *	5	$7,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	20%	0-2	$176,300	2033	$881,300	3	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Cafeteria And Throughout								
Vinyl Tile 9" X 9"	44%	Now	$1,238,700	2028	$12,387,100	3	$26,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Wood	10%			2048	* *	5	$29,900	
Interior Walls								
Cast in Place Concrete	8%	Now	$51,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Wall Penetration At Water Main In Basement								
Ceramic Tile	5%	0-2	$11,700	2036	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Base Of Bathroom Walls								
Glass: Single Pane	5%			LIFE	* *	5	$6,400	
Masonry: Brick	10%			LIFE	* *	10	$2,600	
Marble Panels	3%			LIFE	* *	10	$1,000	
Plaster	59%	0-2	$61,300	LIFE	* *	5	$15,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairwells								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Annex Entry Area								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Annex Entry Area								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$4,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	7%	0-2	$223,200	2053	* *	5	$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Multi-purpose Room - 1st Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	0-2	$16,500	2038	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Existing Addition								
Gypsum Board	15%			LIFE	* *	5-10	$51,100	
Metal Panel	3%	0-2	$98,500	LIFE	* *	5	$3,700	
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Kitchen								
Plaster	60%			LIFE	* *	5-10	$102,200	
Plaster	5%	4+	$9,400	LIFE	* *	5	$3,100	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	70%	Now	$37,000	2043	* *			
Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : West 173rd Street Side Of Play Yard								
Iron Picket	30%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Masonry: Granite	100%	Now	$14,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Entry Portico								
Activity Yard								
Traffic Topping	100%			2033	$411,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2033	$30,800	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Electrical Room								
Explanation : Two 1,000 Ampere Main Disconnect Switches								
Fused Disc Sw	40%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room In Existing Addition								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2043	* *	5	$100	
Fused Knife Sw	70%			2033	$182,100	5	$300	
Raceway								
Conduit	70%			2033	$170,600	1		
Conduit	30%			2043	* *	1		
Panelboards								
Molded Case Bkrs	40%			2041	* *	5	$1,200	
Molded Case Bkrs	60%			2032	$143,700	5	$1,800	
Wiring								
Braided Cloth	70%			2032	$239,300	1		
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$34,800	
Generators								
Diesel	100%	Now	$83,200	2042	* *	1	$39,500	
Engine Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Generator Room Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : 125 Kilowatt Rated Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,200	
Fuel Storage								
Day Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : 200 Gallon Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%	Now	$33,100	2033	$1,653,700			
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium, 25 Ballasts Defective								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%	Now	$16,100	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Service	20%			2033	$13,900	1		
Emergency, Battery	30%			2033	$57,000	10	$8,200	
Exit, Battery	50%			2041	* *	10	$3,800	
Exterior Lighting								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Scaffolding Around The Building								
Alarm								
Security System								
Generic	100%			2028	$212,500	1	$42,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$69,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fuel Storage Room Basement								
Explanation : No.2 Oil - One 6,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$112,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units Which Only Run On Gas								

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DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$45,300	2043	* *			
Damaged, Extent : Severe, Area Affected : 50%								
Location : Basement Oil Piping Leaks So Units Can Only Run On Gas								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Louvers For Boiler Only Operate Manually, Control Motor Is Broken								
Terminal Devices								
Air Handler	20%	Now	$21,300	2033	$426,000	1	$12,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Unit Coil Serving The Auditorium								
Convector/Radiator	60%	Now	$11,100	2038	* *	1	$19,700	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Radiator In Room 515								
Fan Coil Unit/Heat	20%			2033	$561,300	1	$7,300	
Controls								
Pneumatic	100%			2027	$2,187,800			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2028	$134,400			
Window/Wall Unit	75%			2028	$321,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$30,000	
No Component	70%							
Exhaust Fans								
Interior	30%			2033	$150,600	2	$1,000	
Roof	70%			2033	$153,800	2	$2,400	
Heat Recovery Ventilator								
No Component	80%							
Generic	20%			2034	* *			
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%	4+	$2,700	2028	$136,600	2		
Damaged, Extent : Light, Area Affected : 100%								
Location : Outer Insulation Of The Unit Was Damaged								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room. Quantity 8								
Explanation : 600 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2033	$22,700	4	$3,600	
Sewage Ejector(s)								
Electric	100%			2033	$59,300	4	$6,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2043	* *	1-5	$28,500	
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,600	
Fire Pump								
Generic	100%			2042	* *	1	$21,100	
Chemical System								
Generic	100%			2026	$265,200	1-3	$262,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 65 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 173 - Q**		
Address	: **174-10 67TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q173**
Program / Asset #	: **BOE0817.000 / 1509**	**Yr Built/Renovated**	: **1949 / 2002**
Area Sq Ft	: **82,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6927** **Lot** : **22**	**BIN**	: **4149690**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$155,700	$85,800
Interior Architecture	$14,200,900	$192,900
Electrical	$204,200	$1,050,400
Mechanical	$103,900	$2,249,200
Site Pavements	$77,900	
Total	**$14,742,600**	**$3,578,400**
Importance Code A	$155,700	$804,900
Importance Code B	$14,586,900	$2,773,500
Total	**$14,742,600**	**$3,578,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$117,800			
Interior Architecture	$113,400		$800	$13,100
Electrical	$68,400	$7,700	$8,000	$10,000
Mechanical	$81,200	$18,400	$34,900	$13,900
Site Pavements	$45,000			
Total	**$425,700**	**$26,100**	**$43,700**	**$36,900**
Importance Code A	$153,800	$8,200	$8,200	$8,200
Importance Code B	$157,200	$18,000	$35,500	$28,700
Importance Code C	$114,700			
Total	**$425,700**	**$26,100**	**$43,700**	**$36,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%	Now	$4,400	LIFE	* *	5	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Staircase G								
Masonry: Brick	80%			LIFE	* *	5	$171,700	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Repointing Work At Corners								
Masonry: Granite	5%			LIFE	* *	5	$8,000	
Masonry: Limestone	10%			LIFE	* *	5	$16,100	
Slate Panels	3%			LIFE	* *	5	$4,800	
Windows								
Aluminum	100%	4+	$34,600	2049	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria And Kitchen								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$50,800	
Masonry: Limestone	10%			LIFE	* *	5-10	$10,100	
Roof								
Built-Up (BUR)	95%	Now	$69,800	2038	* *			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : North Side								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Gymnasium Roof								
Copper/Terne	5%			2048	* *	10	$3,900	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$24,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$53,800	
Ceramic Tile	5%			2042	* *	5	$6,100	
Terrazzo	5%			LIFE	* *	5	$9,600	
Vinyl Tile	5%			2041	* *	3	$2,300	
Vinyl Tile 9" X 9"	65%	Now	$14,099,400	2043	* *	3	$30,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : 2nd Floor Classrooms And Corridor								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Classrooms And Corridor								
Wood	10%			2048	* *	5	$23,000	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,200	
Masonry: Brick	5%			LIFE	* *	10	$2,100	
Marble Panels	5%			LIFE	* *	10	$2,800	
Plaster	55%			LIFE	* *	5-10	$65,500	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$17,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	75%			LIFE	* *	5-10	$115,900	
Fiber Board	10%			2033	$192,900			
Plaster	15%	Now	$11,300	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Storage Room 302a								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$77,900	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 67th Avenue								
On-Site Walkways								
Cast in Place Concrete	95%	4+	$42,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 67th Avenue At Main Entrance								
Masonry: Granite	5%	4+	$2,000	LIFE	* *			
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : All Steps								
Activity Yard								
Asphalt	95%			2042	* *			
Rubber Matting	5%	4+	$700	2038	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : Play Yard								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Play Yard								
Explanation : Anchors Popping Up								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$2,200	
Raceway								
Conduit	70%			2033	$141,200	1		
Conduit	30%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	7%			2032	$16,800	5	$100	
Fused Disc Sw	3%			2041	* *	5	$100	
Fused Knife Sw	20%	2-4	$47,900	2058	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : 1st, 2nd Floor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	60%			2032	$143,700	5	$1,300	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2033	$58,300	1		
Motor Controllers								
Locally Mounted	70%			2031	$83,600	5	$400	
Locally Mounted	30%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$71,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	6%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$69,200	10	$10,000	
Exit, Service	50%			2028	$17,800	1		
Exterior Lighting								
HID	30%			2028	$115,500	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$154,900	1	$30,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors Only								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$212,800	1-3	$52,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Smoke Detectors, Manual Pull Box, And Fire Alarm Panel								

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DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$191,800	5	$25,600	
Conversion Equipment								
Steam Boiler	100%	0-2	$36,000	2031	$719,100	1	$73,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Two Plugged Tubes In No. 2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$4,100	
Terminal Devices								
Air Handler	20%			2033	$310,500	1	$10,200	
Convector/Radiator	80%			2038	* *	1	$21,300	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	90%	0-2	$14,100	2028	$281,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 1 Unit In Kitchen Is Not Working								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,800	
Exhaust Fans								
Interior	95%			2033	$347,600	2	$2,400	
Roof	5%			2028	$8,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2033	$398,900	4	$12,200	
Sanitary Piping								
Cast Iron	100%	0-2	$103,900	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Leaking Waste Line In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$2,600	
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$4,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Mechanical	Current Repair			Future Replacement			Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
Fixtures									
Generic	100%								
Fire Suppression									
Sprinkler									
No Component	98%								
Generic	2%	0-2	$1,100	2053		* *	1-2	$400	
Other Observation, Extent : Moderate, Area Affected : 5%									
Location : Broken Flow Switch									
Explanation : Broken Flow Switch									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 174 - BK**		
Address	: **574 DUMONT AVENUE BTWN: WILLIAMS AVE., ALABAMA A**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K174**
Program / Asset #	: **BOE0472.000 / 1338**	**Yr Built/Renovated**	: **1913 / 2010**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5**		
Block	: **3802** **Lot** : **15**	**BIN**	: **3084617**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$664,500	$89,100
Interior Architecture	$330,600	$2,596,900
Electrical	$243,000	$399,200
Mechanical	$476,000	$1,328,600
Site Pavements		$395,000
Total	**$1,714,100**	**$4,808,800**
Importance Code A	$664,500	$89,100
Importance Code B	$903,200	$4,719,700
Importance Code C	$146,400	
Total	**$1,714,100**	**$4,808,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,000			
Interior Architecture	$116,600			$12,500
Electrical	$39,400	$10,900	$1,000	$1,200
Mechanical	$41,300	$12,900	$18,700	$11,100
Site Enclosure	$4,500			
Site Pavements	$15,100			
Total	**$275,900**	**$23,800**	**$19,700**	**$24,800**
Importance Code A	$66,900	$8,100	$7,900	$7,900
Importance Code B	$122,700	$15,700	$11,800	$16,800
Importance Code C	$86,300			
Total	**$275,900**	**$23,800**	**$19,700**	**$24,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$24,600	
Masonry: Brick	85%	Now	$146,700	LIFE	* *	5	$89,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : East And West Stairs								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : East And West Stairs								
Masonry: Granite	5%			LIFE	* *	5	$3,900	
Masonry: Limestone	5%	0-2	$41,300	LIFE	* *	5	$3,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Metal Panel	2%	Now	$6,900	2040	* *	5	$3,900	
Water Penetration, Extent : Moderate, Area Affected : 100%								
Location : Roof Bulkhead Stair								
Windows								
Aluminum	100%	Now	$517,800	2046	* *	5	$18,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$11,000	
Pre-Cast Concrete	5%	0-2	$900	LIFE	* *	5	$3,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$9,900	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Around Roof Drain Over Room 410								
Copper/Terne	5%			2058	* *	10	$5,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,500	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%	Now	$9,700	2039	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Toilets Throughout								
Mosaic Tile	2%	Now	$10,800	2035	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Terrazzo	3%	Now	$6,400	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	80%	Now	$50,700	2030	$2,532,500	3	$34,400	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Auditorium And Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Gymnasium And Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Auditorium Gymnasium And Throughout								
Vinyl Tile 9" X 9"	7%	Now	$70,800	2040	* *	3	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$11,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room By Compressor								
Ceramic Tile	2%	Now	$8,300	2039	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Glass: Single Pane	5%	Now	$22,800	LIFE	* *	5	$5,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stairs								
Marble Panels	3%	Now	$39,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Main Entrance								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout Main Entrance								
Plaster	80%	Now	$146,400	LIFE	* *	5	$36,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Room 410 And Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 410 And Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$7,400	2043	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	90%	Now	$62,700	LIFE	* *	5	$64,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 410 And Throughout 5th Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 410 And Throughout 5th Floor								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%	4+	$2,100	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$2,400	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Areaway Exit From Basement								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$7,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exits 2, 5 And Main								
Activity Yard								
Asphalt	80%	4+	$6,100	2033	$304,900			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	20%			2030	$90,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Service Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	10%			2046	* *	5	$200	
Molded Case Bkrs	75%			2029	$134,700	5	$1,600	
Wiring								
Braided Cloth	85%	2-4	$169,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$300	
Locally Mounted	50%			2028	$59,700	5	$300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$73,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout								
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 5%								
Location : In Crawl Space								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$9,700	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	20%	Now	$37,300	2030	$74,700			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2030	$41,300	1-3	$10,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 78,000 Gallon Tank Using No. 2 Oil								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$79,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2040	* *	4	$5,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2030	$301,100	1	$9,900	
Convector/Radiator	70%			2035	* *	1	$18,100	
Unit Heater - Hot Water	10%			2030	$47,400			
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2025	$121,200	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,600	
Exhaust Fans								
Interior	100%	Now	$354,800	2040	* *	2	$2,000	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Has Not Been Working For 20 Years - In Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$1,027,500	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 200 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$28,200	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Roof								
Explanation : Damages And Leaking Roof Drain								
Sump Pump(s)								
Non-Submersible	100%			2030	$16,000	4	$1,700	
Backflow Preventer								
No Component	50%							
Generic	50%			2035	* *	1	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$500	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 174 - Q**
Address : **65-10 DIETERLE CRESCENT**
Borough : **QUEENS**
Program / Asset # : **BOE0818.000 / 1510**
Area Sq Ft : **71,000**
Date of Survey : **31-Jan-2022**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **3134** **Lot** : **24**

Agency's Number : **Q174**
Yr Built/Renovated : **1949 / 2003**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4073904**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$187,900	$1,030,200
Interior Architecture	$209,200	$4,364,800
Electrical	$179,600	$732,600
Mechanical	$1,372,200	$1,993,100
Site Pavements		$314,300
Total	**$1,949,000**	**$8,435,000**
Importance Code A	$187,900	$1,649,000
Importance Code B	$1,611,700	$6,786,000
Importance Code C	$149,400	
Total	**$1,949,000**	**$8,435,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,300			
Interior Architecture	$102,700		$1,200	$8,400
Electrical	$68,600	$6,600	$8,200	$7,200
Mechanical	$45,300	$20,500	$22,700	$22,700
Total	**$264,800**	**$27,100**	**$32,100**	**$38,300**
Importance Code A	$55,300	$7,000	$7,000	$7,000
Importance Code B	$180,200	$20,100	$23,800	$31,300
Importance Code C	$29,400		$1,200	
Total	**$264,800**	**$27,100**	**$32,100**	**$38,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$158,700	
Masonry: Granite	5%			LIFE	* *	5	$6,600	
Masonry: Limestone	3%			LIFE	* *	5	$4,000	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Tower								
Masonry: Limestone	2%			LIFE	* *	5	$2,600	
Windows								
Aluminum	25%	Now	$36,600	2041	* *	5	$1,900	
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Auditorium								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Auditorium								
Wood	75%			2041	* *	5	$115,300	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$59,600	
Masonry: Limestone	5%			LIFE	* *	5-10	$5,600	
Roof								
Built-Up (BUR)	90%			2033	$822,700	10	$70,500	
Copper/Terne	10%			2048	* *	10	$19,600	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$25,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement								
Ceramic Tile	3%	2-4	$2,800	2036	* *	5	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	60%			2033	$1,394,700	3	$25,200	
Vinyl Tile 9" X 9"	20%			2028	$2,970,100	3	$8,400	
Wood	5%	4+	$25,100	2048	* *	5	$3,900	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$60,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room And Basement								
Ceramic Tile	3%			2036	* *	5	$2,400	
Marble Panels	2%			LIFE	* *	10	$600	
Plaster	58%	4+	$22,400	LIFE	* *	5	$13,800	
Horizontal Cracks, Extent : Light, Area Affected : 1%								
Location : Bulkhead								
SGFT/Glazed Masonry	25%	4+	$89,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$12,700	
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$12,600	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$15,800	
Metal Panel	5%	4+	$7,000	LIFE	* *	5	$5,300	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	65%			LIFE	* *	5-10	$94,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	97%			2038	* *			
Masonry: Granite	3%			LIFE	* *			
Activity Yard								
Asphalt	70%			2036	* *			
Rubber Matting	30%			2033	$314,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$9,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	20%	2-4	$35,900	2058	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : On Extended Life								
Molded Case Bkrs	65%			2032	$116,800	5	$1,200	
Molded Case Bkrs	10%			2049	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$179,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$400	
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$61,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$7,600	
Exit, Service	50%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	2%			2033	$5,700	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Front Of The Building								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front								
Explanation : Operated Via Timer								
HID	8%	Now	$15,900	2033	$26,500			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$133,300	1	$26,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System; Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$43,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$22,000	
Conversion Equipment								
Steam Boiler	100%			2031	$618,900	1	$70,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2033	$267,200	1	$8,800	
Convector/Radiator	80%			2038	* *	1	$18,300	
Controls								
Pneumatic	100%			2027	$1,372,200			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	15%			2038	* *			
Window/Wall Unit	75%			2028	$201,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,700	
Exhaust Fans								
Interior	95%			2033	$299,100	2	$2,100	
Roof	5%			2028	$6,900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$181,300	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$343,300	4	$10,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$14,200	4	$2,300	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,000	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 175 - BX**		
Address	: **200 CITY ISLAND AVENUE BTWN: WINTERS ST., CENTRE ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X175**
Program / Asset #	: **BOE0303.000 / 365**	**Yr Built/Renovated**	: **1975 / 2015**
Area Sq Ft	: **47,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5641** **Lot** : **280**	**BIN**	: **2082444**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$54,100
Electrical	$32,900	$408,300
Mechanical		$2,216,600
Total	**$32,900**	**$2,679,000**
Importance Code A		$463,800
Importance Code B	$32,900	$2,215,200
Total	**$32,900**	**$2,679,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$33,800	$5,900	
Interior Architecture	$10,800		$6,300	$7,700
Electrical	$36,500	$79,600	$4,200	$3,200
Mechanical	$61,300	$23,300	$15,800	$9,000
Site Enclosure	$3,600			
Site Pavements	$12,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$129,000**	**$140,700**	**$36,100**	**$23,900**
Importance Code A	$20,500	$38,500	$10,500	$4,700
Importance Code B	$103,500	$102,100	$25,600	$19,200
Importance Code C	$5,000			
Total	**$129,000**	**$140,700**	**$36,100**	**$23,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$34,000	
Metal Panel	20%			2050	* *	5-10	$58,500	
Windows								
Aluminum	100%			2046	* *	5	$11,800	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$5,400	
Metal Panel	20%			2050	* *	5	$5,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,300	
Roof								
Built-Up (BUR)	90%			2038	* *	10	$54,100	
Copper/Terne	10%			2065	* *	10	$15,000	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,500	
Ceramic Tile	5%			2039	* *	5	$3,900	
Quarry Tile	5%			2043	* *	5	$5,800	
Slate	15%			LIFE	* *	5	$12,300	
Vinyl Tile	65%			2035	* *	3	$18,900	
Wood	5%			2058	* *	5	$7,300	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$2,800	
Concrete Masonry Unit	40%			LIFE	* *	5	$9,000	
Gypsum Board	20%			LIFE	* *	5	$6,800	
Masonry: Brick	15%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%	4+	$7,500	2035	* *	5	$14,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 114, 115 And Kitchen								
AcousTileSusp.Lay-In	20%			2047	* *	5	$15,500	
Exposed Struc: Concrete	23%			LIFE	* *	5	$2,800	
Exposed Struc: Steel	15%			LIFE	* *			
Metal Panel	2%			LIFE	* *	5	$1,900	
Plaster	10%			LIFE	* *	5	$4,800	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2040	* *			
Free Standing Walls								
Cast in Place Concrete	75%			2065	* *			
Masonry: Brick	25%	2-4	$3,600	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : City Island Avenue And Rear Of Building								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	95%	4+	$12,500	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	5%	Now	$300	2035	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 1,200 Amperes And 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2030	$113,800	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Raceway								
Conduit	90%			2030	$72,900	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$14,000	5	$100	
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	65%			2029	$90,800	5	$800	
Molded Case Bkrs	20%			2046	* *	5	$200	
Wiring								
Thermoplastic	90%			2030	$95,000	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$35,800	5	$200	
Locally Mounted	50%			2035	* *	5	$200	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	92%			2035	* *	10	$39,700	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps								
Fluorescent	3%			2035	* *	10	$1,300	
Other Observation, Extent : Light, Area Affected : 100% Location : Hallways Explanation : Compact Flourescent Light								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	30%			2025	$23,700	10	$3,400	
Emergency, Battery	20%			2038	* *	10	$2,300	
Exit, Service	40%			2025	$8,100	1		
Exit, Service	10%			2038	* *	1		
Exterior Lighting								
HID	15%			2025	$32,900	10		
HID	15%	Now	$32,900	2040	* *			
Other Observation, Extent : Severe, Area Affected : 100% Location : Perimeter Of The Building Explanation : Not Functional								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$26,500	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100% Location : Hallways Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2035	* *	1-3	$29,000	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$109,300	5	$14,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : One 10,000 Gallon Tank. One Temporary Transfer Pump Being Used In Oil Supply.								
Conversion Equipment								
Steam Boiler	100%	0-2	$20,500	2028	$409,700	1	$41,900	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Bottom Of The Units								
Insul. Deteriorating, Extent : Moderate, Area Affected : 25%								
Location : No.2 Boiler								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Tubes Of No. 1 Unit, Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Old Units								
Distribution								
Hot Wtr Piping/Pump	20%	0-2	$1,000	2038	* *	4	$500	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Steam Piping/Pump	80%	0-2	$15,100	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Rusted Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	40%			2030	$353,800	1	$11,600	
Convector/Radiator	50%	0-2	$3,800	2035	* *	1	$6,800	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Staircases A And B								
Fan Coil Unit/Heat	10%			2030	$116,500	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	$208,000	1	$6,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Exterior Pkg Unit - Cooling	5%			2030	$25,800	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Ext Pkg Unit - Heating/Cooling	50%			2038	* *	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Rooftop Unit, R-410a								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2040	* *	4	$1,000	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	$155,000	1	$5,800	
Fan Coil - 4 Pipe	10%			2030	$152,000	1	$1,500	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2030	$34,700	2	$9,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$2,100	LIFE	* *	2-5	$1,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : The Actuator In Boiler Room								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$24,900	
Exhaust Fans								
Interior	60%			2030	$125,100	2	$900	
Roof	40%			2030	$36,500	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2040	* *	1		
Galvanized Steel	60%	0-2	$7,200	2028	$360,000	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
HW Heat Exchanger								
Steam Fired	100%	0-2	$4,500	2030	$227,300	4	$4,600	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$9,400	4	$1,000	
Sewage Ejector(s)								
Electric	100%	0-2	$500	2030	$24,600	4	$1,900	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Auto Start Component, Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Freight Unit								
No Component	90%							
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$23,700	
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 175 - M (P175M-SIE VII)**		
Address	: **175 WEST 134 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M175**
Program / Asset #	: **BOE0106.000 / 1657**	**Yr Built/Renovated**	: **1958 / 2008**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1919** **Lot** : **6**	**BIN**	: **1058248**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$692,600	$68,500
Interior Architecture	$1,481,300	$2,241,800
Electrical	$433,800	$718,400
Mechanical	$444,500	$2,575,800
Site Pavements	$189,900	
Total	**$3,242,200**	**$5,604,500**
Importance Code A	$1,137,200	$68,500
Importance Code B	$1,577,600	$5,536,100
Importance Code C	$527,400	
Total	**$3,242,200**	**$5,604,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$5,000		$18,700
Interior Architecture	$143,200	$11,700		$12,500
Electrical	$52,100	$2,800	$3,200	$47,900
Mechanical	$93,900	$12,000	$19,800	$25,200
Site Enclosure	$20,700			
Site Pavements	$58,000			
Total	**$367,900**	**$31,600**	**$22,900**	**$104,300**
Importance Code A		$13,500	$8,400	$27,300
Importance Code B	$298,500	$18,100	$14,500	$77,000
Importance Code C	$69,400			
Total	**$367,900**	**$31,600**	**$22,900**	**$104,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$2,500	
Masonry: Brick Cavity	85%			LIFE	* *	5	$68,500	
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Stucco Cement	5%			2045	* *	5	$10,100	
Windows								
Aluminum	100%	Now	$97,700	2048	* *	5	$10,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$900	
Masonry: Limestone	65%			LIFE	* *	5	$7,000	
Metal: Cage/Fence	5%			2037	* *	5-10	$3,300	
No Component	20%							
Roof								
Built-Up (BUR)	20%			2037	* *	10	$16,800	
Copper/Terne	5%			2060	* *	10	$10,500	
IRMA/Protected Membrane	75%	Now	$594,900	2042	* *			
Insul Miss/Displaced, Extent : Severe, Area Affected : 10%								
Location : Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Classrooms And Corridors								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$12,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,700	
Ceramic Tile	5%	Now	$17,600	2041	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st And 2nd Floor Toilet Rooms								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : 1st And 2nd Floor Toilet Rooms								
Vinyl Tile	65%	Now	$44,800	2032	$2,241,800	3	$30,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%	Now	$165,300	2042	* *	3	$7,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Rooms 310, 301, 302, 3rd Floor Hallways, 1st Floor Classrooms And Office								
Wood	10%			2060	* *	5	$23,400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 175 - M (P175M-SIE VII)
Asset # : 1657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$46,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$200,800	2041	* *	5	$6,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Toilet Rooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Toilet Rooms, Kitchen								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Masonry: Brick	5%			LIFE	* *			
Mosaic Tile	15%			LIFE	* *			
Plaster	45%	Now	$53,300	LIFE	* *	5	$32,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rooms 212, 214								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 212, 214								
SGFT/Glazed Masonry	25%	Now	$273,400	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Stair 1 Through 2, Between 1st And 2nd Floors								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Stair 1 Through 2, Between 2nd And 3rd Floors								
Ceilings								
AcousTileConcealSpLn	15%	Now	$6,000	2037	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Patching Evident, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Exposed Struc: Concrete	45%	Now	$168,400	LIFE	* *	5	$8,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Main Entrance And Bulkhead At Stair 5, 214								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance, 214								
Metal Panel	25%	Now	$620,200	LIFE	* *	5	$39,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : 1st, 2nd Floors, Kitchen								
Loose Units, Extent : Severe, Area Affected : 10%								
Location : Corridors								
Plaster	15%	Now	$28,500	LIFE	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rooms 301, 319, 310								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
P. S. 175 - M (P175M-SIE VII)
Asset # : 1657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$20,700	2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$189,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : West 134th Street								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : West 134th Street								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$2,500	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exit 4 And 2								
Activity Yard								
Asphalt	50%	Now	$25,400	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Basketball Play Area, Kindergarten Play Area								
Cast in Place Concrete	5%			2045	* *			
Rubber Matting	5%	Now	$30,100	2042	* *			
Tripping Hazard, Extent : Severe, Area Affected : 80%								
Location : Kindergarten Play Area								
Open Seams, Extent : Severe, Area Affected : 90%								
Location : Kindergarten Play Area								
Rubber Matting	40%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$227,600	5	$2,200	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	90%			2031	$215,500	5	$2,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	85%	0-2	$248,000	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2032	$43,800	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%			2045	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$73,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2037	* *	10	$1,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$71,300	10	$10,300	
Exit, Service	50%			2027	$18,300	1		
Exterior Lighting								
HID	10%			2027	$39,700	10		
HID	10%	Now	$39,700	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	10%			2027	$16,000	1	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm Panel, Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$26,300	
Conversion Equipment								
Steam Boiler	100%	0-2	$444,500	2052	* *	1	$75,800	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Basement. Both Boilers Severely Corroded								
Cracked, Extent : Moderate, Area Affected : 25%								
Location : Basement. One Boiler Plate Has Cracked								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$47,800	2042	* *	4	$4,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Condensate Lines And Vacuum Pump Leaking And One Pump Taken Out For Repair								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2032	$399,900	1	$13,100	
Convector/Radiator	75%			2030	$521,300	1	$20,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2032	$100,900			
Other Observation, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Communication Room								
Explanation : R-410a								
Window/Wall Unit	55%			2030	$177,100	1		
Window/Wall Unit	5%	Now	$800	2030	$16,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : One Unit In Custodian Room Not Working								
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2032	$84,300	1	$1,400	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2032	$14,500	2	$3,000	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	
Exhaust Fans								
Interior	70%			2032	$263,900	2	$1,800	
Roof	30%	0-2	$24,700	2032	$49,500	2	$600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Room 126 Bathroom Exhaust Malfunctioning								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%	0-2	$10,900	2030	$542,600	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : 1st And 2nd Floor Bathroom Shut Off Valve Broken								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement. Corroded Water Main								
HW Heat Exchanger								
Steam Fired	100%			2032	$411,000	4	$12,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$17,000	4	$2,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$58,800	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 175 - Q**
Address : **64-35 102 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0819.000 / 1511**
Area Sq Ft : **82,000**
Date of Survey : **28-Feb-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2128** **Lot** : **14**

Agency's Number : **Q175**
Yr Built/Renovated : **1951 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4051200**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$109,200	$939,700
Interior Architecture	$299,800	$11,869,000
Electrical	$353,100	$1,681,200
Mechanical	$1,584,800	$2,628,500
Site Enclosure	$66,900	
Total	**$2,413,900**	**$17,118,400**
Importance Code A	$109,200	$1,654,400
Importance Code B	$2,032,000	$15,413,400
Importance Code C	$272,700	$50,600
Total	**$2,413,900**	**$17,118,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$71,600		$13,800	
Interior Architecture	$140,700		$5,600	$13,400
Electrical	$22,400	$7,700	$8,400	$9,200
Mechanical	$101,200	$15,700	$23,000	$20,500
Site Pavements	$81,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$420,900**	**$27,300**	**$54,800**	**$47,100**
Importance Code A	$79,700	$8,100	$21,900	$8,100
Importance Code B	$285,200	$19,100	$29,100	$38,900
Importance Code C	$56,000		$3,800	
Total	**$420,900**	**$27,300**	**$54,800**	**$47,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$218,300	
Masonry: Limestone	5%			LIFE	* *	5	$8,600	
Windows								
Aluminum	100%			2041	* *	5	$27,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$25,000	
Masonry: Limestone	10%			LIFE	* *	5-10	$5,000	
Roof								
Built-Up (BUR)	95%	Now	$41,500	2033	$830,500			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Main Roof Above Gymnasium								
Metal Panel	5%			2038	* *	10	$6,900	
Soffits								
Wood	100%			2038	* *	5	$2,900	
Interior								
Floors								
Carpet	2%	Now	$43,500	2035	* *	3	$3,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Penthouse								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Penthouse								
Wrinkling, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Cast in Place Concrete	5%			LIFE	* *	5	$26,900	
Ceramic Tile	3%			2036	* *	5	$3,700	
Sheet Vinyl/Rubber	1%			2033	$80,400	5	$1,800	
Terrazzo	5%			LIFE	* *	5	$9,600	
Vinyl Tile	30%			2033	$1,018,100	3	$18,400	
Vinyl Tile 9" X 9"	49%			2033	$10,624,200	3	$30,100	
Wood	5%	Now	$18,300	2048	* *	5	$5,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$7,500	
Concrete Masonry Unit	5%	4+	$23,600	LIFE	* *	5	$5,000	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : 3rd Floor Fan Room								
Plaster	67%			LIFE	* *	5-10	$143,300	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Bulkhead								
SGFT/Glazed Masonry	25%	4+	$113,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout Corridors And Cafeteria								
Ceilings								
AcousTile,Adhered	5%			2038	* *	5	$6,100	
AcousTileSusp.Lay-In	5%			2038	* *	5	$6,100	
Exposed Struc: Concrete	70%			LIFE	* *	5-10	$107,500	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Fiber Board	5%	Now	$4,800	2033	$95,800			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Plaster	15%			LIFE	* *	5-10	$31,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 1%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%	0-2	$66,900	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$46,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Pavers/Stone	10%			2036	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	0-2	$32,300	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : Poorly Filled Potholes								
Activity Yard								
Asphalt	75%	4+	$1,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Rubber Matting	25%			2033	$14,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2063	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrcial Room								
Explanation : One 2,000 Ampere Main Disconnect Switch Under Construction								
Fused Disc Sw	10%			2063	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrcial Room								
Explanation : 100 Ampere Main Disconnect Switch - Emergency Lighting Under Construction								
Switchgear / Switchboard								
Fused Disc Sw	100%			2063	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 5 Section Switchboard Under Construction								
Raceway								
Conduit	90%			2043	* *	1		
Conduit	10%			2063	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Under Construction								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Toggle Switch	5%	2-4	$12,000	2058	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Molded Case Bkrs	50%	2-4	$119,700	2058	* *	5	$500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	40%			2041	* *	5	$900	
Wiring								
Braided Cloth	80%	0-2	$233,400	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2063	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Under Construction								
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : 1st Floor								
Explanation : Reported Excessive Voltage Drop When Elevator Motor Starts								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$1,100,100	10	$67,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2028	$113,600	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fan Room And Sub Cellar								
Explanation : Incandescent Lights								
LED	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Battery	50%			2033	$68,800	10	$9,900	
Exit, Service	50%			2033	$17,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	10%			2038	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$30,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Main Doors								
Explanation : Intrusion Alarms								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$211,500	1-3	$52,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$190,700	5	$25,400	
Conversion Equipment								
Steam Boiler	100%			2031	$714,700	1	$81,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2028	$308,600	1	$10,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : The Units Are Supply Fans With Heating Coils In The Ductworks								
Convector/Radiator	80%			2031	$536,400	1	$21,200	
Controls								
Pneumatic	100%			2027	$1,584,800			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%	Now	$29,200	2033	$97,400			
Broken, Extent : Severe, Area Affected : 50%								
Location : Main Distribution Frame Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Distribution Frame Room And Elevator Machine Room								
Explanation : 2 Units								
Window/Wall Unit	80%			2028	$248,500	1		
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium								
Explanation : 10 Split Units Under Construction								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,400	
Exhaust Fans								
Interior	75%			2028	$272,800	2	$1,900	
Roof	25%			2033	$39,800	2	$600	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2031	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit- 75 Gallons. Quantity 1.								
No Component	50%							
HW Heat Exchanger								
Steam Fired	50%	Now	$4,000	2033	$198,300	4	$4,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Leak At Tank								
No Component	50%							
Sanitary Piping								
Cast Iron	100%	Now	$20,700	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Line From Sump Pump In Boiler Room Over The Workshop								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,700	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,200	
Chemical System								
Generic	100%			2028	$61,200	1-3	$60,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 15 Square Foot Hood								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 176 - BK**				
Address	: **1225 BAY RIDGE AVENUE @ 12TH AVENUE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K176**
Program / Asset #	: **BOE0970.000 / 1186**			**Yr Built/Renovated**	: **1914 / 2006**
Area Sq Ft	: **92,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Sep-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5**				
Block	: **5774**	**Lot**	: **1**	**BIN**	: **3143190**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$681,200	$746,400
Interior Architecture	$1,308,100	$55,900
Electrical	$321,600	$773,700
Mechanical	$2,636,000	$1,546,100
Site Pavements		$64,200
Total	**$4,946,900**	**$3,186,300**
Importance Code A	$1,001,900	$746,400
Importance Code B	$3,608,600	$2,439,800
Importance Code C	$336,400	
Total	**$4,946,900**	**$3,186,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$49,400		$6,500	
Interior Architecture	$39,400		$15,800	$13,200
Electrical	$3,400	$3,700	$36,000	$3,200
Mechanical	$40,700	$18,600	$32,600	$19,500
Site Enclosure	$18,200			
Site Pavements	$45,500			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$201,600**	**$27,200**	**$95,800**	**$40,900**
Importance Code A	$49,400	$9,100	$15,800	$9,100
Importance Code B	$135,600	$18,000	$80,100	$31,800
Importance Code C	$16,700			
Total	**$201,600**	**$27,200**	**$95,800**	**$40,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$68,400	LIFE	* *	5	$53,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Arched Window Heads								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Rooms 453, 553 In Above Window Heads								
Explanation : Water Penetration								
Copper/Terne	2%			2066	* *	10	$6,500	
Masonry: Brick	85%	2-4	$192,600	LIFE	* *	5	$117,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	3%			LIFE	* *	5	$3,100	
Masonry: Limestone	5%	4+	$54,200	LIFE	* *	5	$5,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Decorative Elements In All Facades								
Windows								
Aluminum	50%	2-4	$308,400	2039	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Various Windows Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Various Windows Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Windows Have Lexan Panes								
Explanation : Thermally Inefficient								
Aluminum	50%			2039	* *	5	$21,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles And Pointed Arch Windows								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$13,900	
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Copping								
Masonry: Brick	85%	4+	$38,600	LIFE	* *	5	$15,300	
Recent Repair Evident, Extent : N/A, Area Affected : 85%								
Location : All Parapet Walls								
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : North West Fifth Floor Roof Parapet								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : North West Roof Parapet								
Explanation : Mortar And Brick Have Seperated								
Pre-Cast Concrete	5%			LIFE	* *	5	$5,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	95%	Now	$57,600	2031	$575,700			
Air/Water Blisters, Extent : Severe, Area Affected : 10%								
Location : Throughout Perimeter Flashing								
Split/Cracked, Extent : Severe, Area Affected : 10%								
Location : Throughout Perimeter Flashing								
Copper/Terne	5%			2059	* *	10	$6,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,500	
Ceramic Tile	5%	Now	$74,700	2034	* *	5	$3,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Bathrooms And Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Marble Panels	5%	4+	$29,000	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Stair And Entrance								
Vinyl Tile	25%			2036	* *	3	$16,600	
Vinyl Tile	25%	Now	$274,400	2041	* *	3	$12,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Third And Fourth Classrooms								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor And Classrooms								
Vinyl Tile 9" X 9"	30%	Now	$350,600	2041	* *	3	$14,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Third Floor Corridors And Outside Room 363								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Corridors And Classrooms								
Wood	5%			2066	* *	5	$12,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Dance Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$12,500	
Recent Replace Evident, Extent : N/A, Area Affected : 5%								
Location : Bathrooms								
Glass: Single Pane	3%			LIFE	* *	5	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell Partitions								
Explanation : Safety Glass								
Masonry: Brick	10%	Now	$95,300	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Basement Perimeter Walls								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement Walls								
Metal Panel	2%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	57%	Now	$173,600	LIFE	* *	5	$42,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor Offices, Corridors And Bulkheads								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Bulkheads								
SGFT/Glazed Masonry	15%	4+	$67,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairwell								
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$19,200	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,000	
Plaster	70%	Now	$272,000	LIFE	* *	5	$55,900	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Fifth Floor Classrooms, Offices, Corridor And Bulkhead								
Site Enclosure								
Fence/Gates								
Chain Link	15%	2-4	$2,200	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Bay Ridge Avenue								
Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Bay Ridge Avenue								
Iron Picket	85%	4+	$5,300	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$10,700	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : At Exterior Stair At 68th Street								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$19,500	2044	* *			
Tripping Hazard, Extent : Light, Area Affected : 5%								
Location : 12th Avenue And Bay Ridge Avenue								
On-Site Walkways								
Cast in Place Concrete	15%	2-4	$2,900	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Landing And Stairs At 68th Street								
Cast in Place Concrete	85%			2036	* *			
Activity Yard								
Asphalt	85%	Now	$23,100	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Track								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : 68th Street, 12th Avenue And Bay Ridge Avenue								
Explanation : Flooding From Sidewalk								
Pavers/Stone	5%			2034	* *			
Rubber Matting	10%			2031	$64,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In Basement								
Explanation : One 1,600 And One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2031	$136,500	5	$200	
Fused Disc Sw	40%			2051	* *	5	$200	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	80%			2030	$191,600	5	$1,900	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	20%	2-4	$58,300	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	10%			2041	* *	1		
Thermoplastic	70%			2031	$204,200	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2044	* *	5	$300	
Locally Mounted	50%			2029	$59,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$82,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$21,800	10	$100	
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$11,100	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	30%			2026	$128,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$51,800	1	$10,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$17,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No. 2 Fuel With One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$320,800	2044	* *	1	$82,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers. No. 1 Boiler Operating On Low Fire								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	95%	0-2	$737,300	2041	* *	4	$4,300	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Leaking Chimney								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Central Plant Steam Piping/Pmp	5%	0-2	$77,600	2061	* *	4	$200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement, 1 Of 2 Defective Vaccuum Pumps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout Classrooms								
Terminal Devices								
Air Handler	30%			2026	$519,400	1	$17,100	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room								
Convector/Radiator	5%	0-2	$22,600	2051	* *	1	$1,300	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout, 25 Of 100 Defective Thermostats								
Convector/Radiator	65%			2029	$489,000	1	$19,300	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Few Broken/Leaking Radiator								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$218,500	2041	* *			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Split Unit Serving Room 264 Not Working								
Window/Wall Unit	90%			2026	$313,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,300	
Exhaust Fans								
Interior	90%	0-2	$367,200	2041	* *	2	$2,000	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement								
Roof	10%	0-2	$8,900	2036	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Few Roof Exhaust Fans/Blower Units Not Working								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2051	* *	1		
Galvanized Steel	90%			2029	$1,057,100	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : First Floor And Basement								
Explanation : Backup In Bathrooms And Kitchen When It Rains								
Sump Pump(s)								
Non-Submersible	100%			2031	$18,400	4	$1,900	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,300	
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 176 - Q**		
Address	: **120-45 235 STREET BTWN: 120 AVE., 121 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q176**
Program / Asset #	: **BOE0820.000 / 2529**	**Yr Built/Renovated**	: **1949 / 2016**
Area Sq Ft	: **107,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12820** **Lot** : **1**	**BIN**	: **4276382**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$888,000
Interior Architecture	$11,857,400	$78,600
Electrical	$136,700	$218,000
Mechanical	$121,600	$2,407,300
Total	**$12,115,700**	**$3,592,000**
Importance Code A		$1,447,600
Importance Code B	$12,115,700	$2,144,300
Total	**$12,115,700**	**$3,592,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$67,200		$7,200	$5,800
Interior Architecture		$28,900	$5,200	$25,600
Electrical	$17,000	$19,300	$17,100	$15,800
Mechanical	$36,600	$54,700	$46,600	$22,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$128,800**	**$110,700**	**$84,100**	**$77,200**
Importance Code A	$75,700	$8,500	$15,900	$14,300
Importance Code B	$53,100	$102,300	$68,100	$63,000
Importance Code C				
Total	**$128,800**	**$110,700**	**$84,100**	**$77,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$35,900	
Painted Surfaces, Extent : Moderate, Area Affected : 30%								
Location : All Facades								
Masonry: Brick Cavity	25%			LIFE	* *	5	$13,800	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2016 Addition								
Masonry: Granite	3%			LIFE	* *	5	$1,200	
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Granite Panels	2%			LIFE	* *	5	$800	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2016 Addition								
Windows								
Aluminum	50%			2046	* *	5	$14,400	
Aluminum	40%			2052	* *	5	$11,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2016 Addition								
Glass Block	5%			LIFE	* *	5	$900	
Metal Louvers	2%			2033	$32,000	10	$3,600	
Steel	3%			2038	* *	5	$10,800	
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$6,500	
Masonry: Brick Cavity	25%			LIFE	* *	5	$3,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2016 Addition								
Masonry: Limestone	25%			LIFE	* *	5	$4,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : 2016 Addition								
Roof								
Built-Up (BUR)	60%	Now	$44,400	2030	$888,000			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Room 207								
Copper/Terne	5%			2058	* *	10	$15,900	
Plaza Roof: Stone Panels	35%	4+	$22,800	2056	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Elevator Corridor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of 2016 Addition								
Explanation : New Construction								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Ceramic Tile	10%			2043	* *	5	$16,800	
Recent Installation, Extent : N/A, Area Affected : 100% Location : 2016 Addition And In Old School Bathrooms								
Mosaic Tile	3%			2047	* *	5	$12,600	
Quarry Tile	2%			2047	* *	5	$5,000	
Recent Installation, Extent : N/A, Area Affected : 100% Location : 2016 Addition								
Terrazzo	10%			LIFE	* *	5	$13,100	
Vinyl Tile	25%			2038	* *	3	$15,700	
Vinyl Tile 9" X 9"	40%			2025	$11,857,400	3	$25,200	
Wood	5%			2045	* *	5	$15,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	10%			2043	* *	5	$30,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$12,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,000	
Gypsum Board	20%			LIFE	* *	5	$36,100	
Marble Panels	2%			LIFE	* *			
Plaster	28%			LIFE	* *	5	$25,300	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2035	* *	5	$25,200	
AcousTileSusp.Lay-In	5%			2043	* *	5	$8,400	
AcousTileSusp.Lay-In	20%			2047	* *	5	$33,600	
Exposed Struc: Concrete	35%			LIFE	* *	5	$9,200	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2030	$78,600			
Gypsum Board	5%			LIFE	* *	5	$10,500	
Plaster	15%			LIFE	* *	5	$15,700	
Site Enclosure								
Fence/Gates								
Iron Picket	70%			2050	* *			
Iron Picket	30%			2074	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%			2047	* *			
Cast in Place Concrete	5%			2035	* *			
Pavers/Stone	5%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	85%			2035	* *			
Cast in Place Concrete	10%			2047	* *			
Masonry: Granite	5%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	95%			2043	* *			
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Transformers								
Dry Type	100%			2047	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 12 Kilovolt-ampere, 208/480/ 277 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	50%			2030	$121,900	1		
Conduit	50%			2056	* *	1		
Panelboards								
Fused Disc Sw	15%			2052	* *	5	$400	
Fused Knife Sw	1%	2-4	$2,400	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	34%			2038	* *	5	$1,000	
Molded Case Bkrs	50%			2052	* *	5	$1,400	
Wiring								
Braided Cloth	40%	2-4	$136,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Sections Of The Building								
Thermoplastic	60%			2056	* *	1		
Motor Controllers								
Locally Mounted	5%			2028	$9,100	5		
Locally Mounted	15%			2047	* *	5	$100	
Variable Frequency Drive	80%			2047	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$32,900	
Generators								
Diesel	100%			2043	* *	1	$41,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,000	
Fuel Storage								
Day Tank	20%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2065	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$96,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$12,900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	60%							
Generic	40%			2065	* *	5	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$12,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$65,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 176 - Q
Asset # : 2529

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	60%			2030	$149,300	5	$19,900	
Natural Gas	40%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	40%			2047	* *	1	$21,200	
Other Observation, Extent : Light, Area Affected : 100% Location : 3rd Floor Mechanical Room Of New Wing Explanation : 2 Units								
Steam Boiler	60%			2028	$559,600	1	$63,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Old Wing Basement Boiler Room Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	40%			2052	* *	4	$3,200	
Steam Piping/Pump	60%			2030	$514,100			
Terminal Devices								
Air Handler	15%			2038	* *	1	$9,900	
Air Handler	30%			2038	* *	1	$19,900	
Convector/Radiator	45%			2028	$393,700	1	$15,600	
Convector/Radiator	10%			2047	* *	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	60%			2038	* *	1		
Electricity	40%			2052	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2038	* *	1	$19,900	
Other Observation, Extent : Light, Area Affected : 100% Location : New Wing Roof Explanation : 1 Multistack Unit, R-410a.								
Exterior Pkg Unit - Cooling	5%			2038	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : 1 Unit, R-410a, For Dance Room.								
Window/Wall Unit	30%			2025	$121,600	1		
No Component	25%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2056	* *	4	$3,200	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2038	* *	1	$26,500	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	40%			2038	* *	2	$29,800	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$17,900	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$23,900	
No Component	30%							
Exhaust Fans								
Interior	30%			2035	* *	2	$1,000	
Roof	40%			2038	* *	2	$1,300	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2050	* *	1		
Galvanized Steel	20%	0-2	$5,500	2028	$273,200	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve, Boiler Room								
Water Heater With Tanks								
Gas Fired	100%			2029	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing 3rd Floor Mechanical Room								
Explanation : One 100 Gallon Tank								
HW Heat Exchanger								
Steam Fired	100%			2030	$517,400	4	$10,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$21,400	4	$3,400	
Backflow Preventer								
No Component	50%							
Generic	50%			2038	* *	1	$3,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Basement To 3rd Floor								
Explanation : 3 Units, 1 Of Them Is Still Under Construction.								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2056	* *	1-5	$21,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2056	* *	1-2	$12,000	
Fire Pump								
Generic	100%			2043	* *	1	$20,000	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Sets								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 177 - BK**		
Address	: **346 AVENUE P BTWN: WEST 1 ST, - DAHILL RD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K177**
Program / Asset #	: **BOE0474.000 / 7**	**Yr Built/Renovated**	: **1924 / 2010**
Area Sq Ft	: **104,238**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5**		
Block	: **6631** **Lot** : **1**	**BIN**	: **3175834**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$771,700	$998,200
Interior Architecture	$3,542,700	$1,375,500
Electrical	$937,900	$1,001,400
Mechanical	$1,098,600	$2,105,300
Site Pavements		$622,700
Total	**$6,350,900**	**$6,103,100**
Importance Code A	$953,400	$1,029,000
Importance Code B	$4,921,200	$3,977,400
Importance Code C	$476,300	$1,096,600
Total	**$6,350,900**	**$6,103,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,500	$16,400		
Interior Architecture	$109,400	$2,000	$12,100	
Electrical	$14,000	$43,300	$3,200	$3,900
Mechanical	$92,100	$14,400	$24,300	$14,400
Site Pavements	$31,100			
Total	**$250,100**	**$76,000**	**$39,600**	**$18,300**
Importance Code A	$3,500	$26,900	$10,400	$10,300
Importance Code B	$195,300	$49,200	$29,200	$8,000
Importance Code C	$51,300			
Total	**$250,100**	**$76,000**	**$39,600**	**$18,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%	Now	$633,900	LIFE	* *	5	$154,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	Now	$137,800	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2050	* *	5-10	$60,100	
Granite Panels	2%			LIFE	* *	5	$2,600	
Windows								
Aluminum	97%			2038	* *	5	$54,100	
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Louvers	3%			2033	$92,900	10	$10,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$13,500	
Masonry: Brick	77%			LIFE	* *	5	$13,400	
Metal Rail	10%			2043	* *	5-10	$31,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	95%			2030	$692,100	10	$59,300	
Copper/Terne	4%			2058	* *	10	$6,200	
Skylight, Metal/Glass	1%	Now	$3,500	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Skylight On Lower Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$13,300	LIFE	* *	5	$17,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$22,000	2033	$439,800	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Quarry Tile	3%			2043	* *	5	$7,000	
Sheet Vinyl/Rubber	5%	Now	$255,200	2040	* *	5	$5,900	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Various Classrooms On 2nd Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms On 2nd Floor								
Terrazzo	5%			LIFE	* *	5	$6,100	
Vinyl Tile	62%			2035	* *	3	$36,300	
Vinyl Tile 9" X 9"	10%			2025	$2,753,600	3	$5,900	
Wood	5%	Now	$46,500	2045	* *	5	$7,300	
Deflection Evident, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$27,600	2033	$552,500	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Gypsum Board	10%			LIFE	* *	5	$20,100	
Masonry: Brick	15%	Now	$191,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	2%			LIFE	* *			
Plaster	70%	Now	$285,100	LIFE	* *	5	$70,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								

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DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2028	$253,700	5	$19,700	
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Cafeteria								
AcousTileSusp.Lay-In	10%			2043	* *	5	$15,800	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,700	
Metal Panel	5%			LIFE	* *	5	$9,900	
Plaster	60%	Now	$57,500	LIFE	* *	5	$59,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	35%			2050	* *			
Iron Picket	65%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2035	* *			
Pavers/Stone	10%			2033	$31,900			
Parking/Driveway								
Asphalt	70%	Now	$23,700	2033	$473,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Area Drain								
Explanation : Inadequate								
Cast in Place Concrete	30%			2035	* *			
Activity Yard								
Asphalt	90%	Now	$7,400	2033	$148,900			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Play Yard								
Rubber Matting	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2030	$30,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2,000 Ampere Service Switch								
Fused Disc Sw	40%			2056	* *	5	$200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$400	
Raceway								
Conduit	100%			2030	$243,700	1		
Panelboards								
Fused Disc Sw	25%			2029	$59,900	5	$600	
Fused Knife Sw	5%	2-4	$12,000	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	70%			2029	$167,600	5	$1,900	
Wiring								
Braided Cloth	30%	2-4	$102,600	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Thermoplastic	70%			2030	$239,300	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$76,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps Type Lighting Fixtures								
Fluorescent	10%			2025	$155,400	10	$9,600	
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Lighting Fixtures Installed								

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DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2030	$32,100	1		
Exit, Service	50%			2030	$22,500	1		
Exterior Lighting								
HID	100%			2025	$486,400	10	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fixtures Control Requires Frequent Maintenance.								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$39,100	1	$7,800	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%	0-2	$107,600	2040	* *	1-3	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : The Fire Alarm Is An Obsolete System Which Consists Of Bells And Pull Stations.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No. 2 Oil One Tank Of 1,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	0-2	$181,700	2035	* *	1	$92,900	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Bottom Of Both Boilers In Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Both Boilers Have Small Leak In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$41,700	2040	* *			
Corroded, Extent : Severe, Area Affected : 20%								
Location : Vaccum Pump								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Mechanical Room At Vaccum Pump Causing Ponding								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	20%	Now	$19,600	2030	$392,300	1	$11,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Two Basement Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Air Handlers In The Basement								
Explanation : Pneumatic System Does Not Work Properly								
Convector/Radiator	70%	0-2	$29,800	2035	* *	1	$21,200	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Explanation : 50 Percent Of Stream Traps Faulty								
Fan Coil Unit/Heat	10%			2030	$258,400	1	$3,400	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$123,800			
Window/Wall Unit	80%			2025	$315,900	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,100	
Exhaust Fans								
Interior	100%	Now	$138,700	2025	$462,300	2	$2,600	
Broken, Extent : Severe, Area Affected : 30%								
Location : Three Basement Exhaust Fans								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$1,330,700	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2030	$17,100	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Mechanical Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Mechanical Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank, 400 Gallons								

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DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$20,900	4	$2,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2050	* *	1-2	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 177 - Q**		
Address	: **56-37 188 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q177**
Program / Asset #	: **BOE0821.000 / 1512**	**Yr Built/Renovated**	: **1951 / 2005**
Area Sq Ft	: **58,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5674** **Lot** : **2**	**BIN**	: **4128231**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$127,800	$65,400
Interior Architecture	$787,400	$139,200
Electrical	$139,700	$766,400
Mechanical	$762,200	$1,469,600
Site Pavements	$588,400	
Total	**$2,405,600**	**$2,440,600**
Importance Code A	$633,300	$65,400
Importance Code B	$1,772,300	$2,375,200
Total	**$2,405,600**	**$2,440,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$15,000			
Interior Architecture	$97,100	$2,200	$8,400	$2,800
Electrical	$17,400	$5,500	$5,900	$7,200
Mechanical	$48,900	$27,300	$39,600	$28,200
Site Enclosure	$4,800			
Site Pavements	$7,700			
Total	**$190,900**	**$35,000**	**$53,900**	**$38,100**
Importance Code A	$15,100	$5,700	$5,700	$5,700
Importance Code B	$170,100	$29,300	$48,100	$32,400
Importance Code C	$5,700			
Total	**$190,900**	**$35,000**	**$53,900**	**$38,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$130,800	
Repairs in Progress, Extent : N/A, Area Affected : 60%								
Location : Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 90%								
Location : Facades								
Masonry: Granite	5%			LIFE	* *	5	$5,800	
Masonry: Limestone	5%			LIFE	* *	5	$5,800	
Metal Panel	5%			2053	* *	5-10	$26,500	
Windows								
Aluminum	100%			2058	* *	5	$5,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$73,100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Pre-Cast Concrete	10%			LIFE	* *	5	$14,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Coping Stones								
Roof								
Copper/Terne	5%			2073	* *	10	$11,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Stair Bulk Head								
Under Construction	95%							
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$3,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$39,000	
Ceramic Tile	5%			2042	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$7,000	
Vinyl Tile	75%			2041	* *	3	$25,100	
Vinyl Tile 9" X 9"	5%	Now	$787,400	2043	* *	3	$1,700	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Basement Floor								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$100	
Glazed Ceramic Panel	5%			LIFE	* *	10	$100	
Plaster	55%			LIFE	* *	5-10	$700	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2038	* *	5	$11,200	
AcousTileSusp.Lay-In	5%			2050	* *	5	$4,500	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$55,800	
Fiber Board	10%			2033	$139,200			
Plaster	25%			LIFE	* *	5-10	$38,300	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2043	* *			
Iron Picket	25%	4+	$4,800	2068	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : 189th Street And 58th Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	90%	Now	$588,400	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 95%								
Location : Play Yard								
Explanation : Used As Construction Staging Area								
Rubber Matting	10%	Now	$7,700	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2059	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$14,000	5	$100	
Fused Knife Sw	2%	2-4	$2,800	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room Basement								
Molded Case Bkrs	78%			2032	$109,000	5	$1,200	
Molded Case Bkrs	10%			2055	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$39,900	1		
Thermoplastic	10%			2059	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$35,800	5	$200	
Motor Control Center	50%			2031	$147,700	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	30%			2041	* *	10	$16,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Hallway, Cafeteria, Bathroom and Offices								
LED	70%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$48,700	10	$7,000	
Exit, Service	50%			2028	$12,500	1		
Exterior Lighting								
HID	30%			2028	$81,200	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$108,900	1	$21,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$149,600	1-3	$36,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%	Now	$15,200	2063	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : The New Boilers Recently Installed Were Flooded And Inoperable. One Temporary Boiler Presently Being Used.								
Conversion Equipment								
Steam Boiler	100%	Now	$505,500	2053	* *	1	$51,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : The New Boilers Recently Installed Were Flooded And Inoperable. One Temporary Boiler Presently Being Used.								
Distribution								
Steam Piping/Pump	100%			2059	* *			
Terminal Devices								
Air Handler	25%			2033	$272,900	1	$9,000	
Convector/Radiator	75%			2038	* *	1	$14,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	60%	0-2	$256,700	2033	$513,400	1	$14,500	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Air Conditioning Control System Is Not Working								
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Penthouse. The Air Conditioning Unit At Penthouse Is Not Working								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Sets In Lower Roof Penthouse								
Window/Wall Unit	25%			2028	$54,900	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2043	* *	4	$1,700	
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	60%			2038	* *	1	$11,200	
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	60%			2033	$85,600	2	$24,200	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2033	$231,500	2	$1,600	
Roof	10%			2028	$11,300	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$148,100	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Boiler Room Is Under Construction.								
HW Heat Exchanger								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Boiler Room Is Under Construction.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Boiler Room Is Under Construction.								
Backflow Preventer								
Generic	100%			2038	* *	1	$3,600	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2032	$163,200	1-3	$148,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 178 - BK**				
Address	: **2163 DEAN STREET @ HOPKINSON AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K178**	
Program / Asset #	: **BOE0475.000 / 1339**		**Yr Built/Renovated**	: **1915 / 2000**	
Area Sq Ft	: **81,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **06-Jun-2019**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6**				
Block	: **1440**	**Lot** : **56**	**BIN**	: **3038718**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$66,200	$83,800
Interior Architecture	$1,394,800	$50,100
Electrical	$509,100	$958,900
Mechanical	$878,200	$1,260,100
Site Pavements	$68,500	
Total	**$2,916,700**	**$2,352,900**
Importance Code A	$66,200	$83,800
Importance Code B	$2,396,900	$2,269,100
Importance Code C	$453,500	
Total	**$2,916,700**	**$2,352,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,100			$26,200
Interior Architecture	$28,800		$2,900	$9,300
Electrical	$65,400	$2,700	$12,200	$2,100
Mechanical	$63,100	$11,300	$35,000	$11,300
Site Pavements	$27,200			
Elevators/Escalators	$8,300	$8,300	$8,300	$8,300
Total	**$196,900**	**$22,200**	**$58,400**	**$57,200**
Importance Code A	$12,100	$8,000	$8,200	$34,200
Importance Code B	$167,200	$14,200	$50,200	$23,000
Importance Code C	$17,600			
Total	**$196,900**	**$22,200**	**$58,400**	**$57,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$40,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$83,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$7,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2057	* *	5-10	$36,000	
Windows								
Aluminum	100%			2053	* *	5	$36,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%	Now	$66,200	LIFE	* *	5	$10,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Explanation : Recent Constructon Was Not Completed Correctly								
Roof								
Metal Panel	5%			2044	* *	10	$4,100	
Modified Bitumen	95%			2039	* *	10	$42,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$9,700	LIFE	* *	5	$12,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	2%	4+	$6,500	2034	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$2,700	
Traffic Topping	5%	Now	$82,000	2041	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairwells								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairwells								
Vinyl Tile	30%			2036	* *	3	$17,200	
Vinyl Tile	35%	4+	$332,400	2041	* *	3	$15,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Auditorium Floor								
Uneven Substrate, Extent : Severe, Area Affected : 35%								
Location : Upper Floor Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Wood	20%	Now	$136,700	2046	* *	5	$21,500	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$8,300	2034	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Glass: Single Pane	3%			LIFE	* *	5	$3,400	
Masonry: Brick	10%	Now	$57,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *			
Plaster	15%	Now	$219,600	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Plaster	50%			LIFE	* *	5	$22,600	
SGFT/Glazed Masonry	4%	2-4	$108,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	8%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$5,700	
Exposed Struc: Concrete	25%	Now	$214,600	LIFE	* *	5	$4,500	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$244,000	LIFE	* *	5	$50,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkheads								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkheads								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%			2066	* *			
Chain Link	45%			2051	* *			
Iron Picket	45%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$17,800	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$9,300	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	0-2	$68,500	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	50%			2040	* *			
Rubber Matting	50%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,200 Amperes.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$300	
Raceway								
Conduit	10%			2041	* *	1		
Conduit	90%			2031	$181,600	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Toggle Switch	5%	0-2	$12,000	2056	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Molded Case Bkrs	80%			2030	$191,600	5	$1,700	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Thermoplastic	10%			2041	* *	1		
Thermoplastic	90%			2031	$262,600	1		
Motor Controllers								
Locally Mounted	20%			2036	* *	5	$100	
Locally Mounted	80%			2029	$95,500	5	$400	
Ground								
Grounding Devices								
Generic	100%	Now	$10,400	LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Disconnected								
Lighting								
Interior Lighting								
Fluorescent	85%			2036	* *	10	$63,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : T-8 Lamp Fixtures Installed Four Years Ago.								
LED	15%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Fixtures Installed Four Years Ago.								
Egress Lighting								
Emergency, Battery	50%			2026	$68,000	10	$9,800	
Exit, Service	50%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fixtures Installed In 2019.								
Exterior Lighting								
HID	100%			2026	$378,000	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$9,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Kitchen And Outside								
Explanation : CCTV Surveillance Cameras System Is In Satisfactory Condition.								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$41,800	2041	* *	1-3	$9,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Stations.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 100,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$80,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$389,200	2061	* *			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Deteriorating Steam And Condensate Return Lines								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout, Steam And Condensate Return Piping Is Beyond Useful Life Cycle Rating								
Terminal Devices								
Air Handler	20%			2026	$304,900	1	$10,000	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%			2029	$529,900	1	$20,900	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Radiators Throughout Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$3,700	2026	$184,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms, Multiple Mechanical And Electrical Defects								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Inlets Are Blocked Out For Long Time								
Exhaust Fans								
Roof	100%	Now	$31,400	2031	$157,200	2	$2,000	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Roof, Defective Kitchen And Toilet Exhaust Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%	Now	$10,300	2029	$517,000	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Boiler Room								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 175 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Throughout Is Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Piping Throughout Is Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Non-Submersible	100%	Now	$6,500	2031	$16,200	4	$1,700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, One Of Two Pumps Defective								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$56,000	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 178 - BK ANNEX (BED STUY ECC 1)**				
Address	: **1784 PARK PLACE BTWN: HOWARD AVE., SARATOGA AV**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K854**
Program / Asset #	: **BOE0475.010 / 1340**			**Yr Built/Renovated**	: **1969 / 2002**
Area Sq Ft	: **10,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jun-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **1467**	**Lot**	: **27**	**BIN**	: **3039391**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$363,400
Electrical		$65,000
Mechanical		$343,500
Site Pavements		$630,100
Total		**$1,402,000**
Importance Code A		$363,400
Importance Code B		$408,500
Importance Code C		$630,100
Total		**$1,402,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,600	$2,100		
Interior Architecture			$1,700	
Electrical	$8,000	$52,600	$300	$300
Mechanical	$24,600	$500	$1,200	$500
Site Enclosure	$100			
Site Pavements	$16,000			
Total	**$61,300**	**$55,200**	**$3,100**	**$900**
Importance Code A	$13,200	$2,300	$600	$200
Importance Code B	$35,400	$53,000	$2,600	$700
Importance Code C	$12,700			
Total	**$61,300**	**$55,200**	**$3,100**	**$900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 178 - BK ANNEX (BED STUY ECC 1)
Asset # : 1340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$7,800	
Concrete Masonry Unit	75%	0-2	$12,600	LIFE	* *	5	$7,300	
Expansion Joint Failure, Extent : Moderate, Area Affected : 2%								
Location : South Facade								
Masonry: Brick Cavity	10%			LIFE	* *	5	$1,600	
Metal Panel	5%			2040	* *	5-10	$5,400	
Windows								
Aluminum	95%			2038	* *	5	$2,300	
Metal Louvers	5%			2033	$6,600	10	$700	
Parapets								
Concrete Masonry Unit	10%			LIFE	* *	5	$700	
Metal Panel	5%			2040	* *	5	$1,200	
Metal Security Bars	75%			2045	* *			
Pre-Cast Concrete	10%			LIFE	* *	5	$3,900	
Roof								
Built-Up (BUR)	100%			2030	$363,400	10	$31,100	
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$11,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,700	
Ceramic Tile	5%			2033	$42,900	5	$800	
Vinyl Tile	90%			2035	* *	3	$5,100	
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : All Rooms								
Interior Walls								
Ceramic Tile	5%			2033	$37,000	5	$700	
Concrete Masonry Unit	80%			LIFE	* *	5	$4,300	
Metal Panel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$400	
Ceilings								
Exposed Struc: Concrete	80%			LIFE	* *	5	$1,800	
Gypsum Board	20%			LIFE	* *	5	$3,700	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%	0-2	$100	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : North Wall								
Iron Picket	90%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$3,400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : North Sidewalk								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 178 - BK ANNEX (BED STUY ECC 1)
Asset # : 1340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	5%			2033	$5,600			
Cast in Place Concrete	5%			2035	* *			
Pavers/Stone	90%	0-2	$12,600	2033	$630,100			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Activity Yard								
Rubber Matting	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$65,000	5		
Raceway								
Conduit	90%			2030	$14,600	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	30%			2029	$9,000	5	$100	
Molded Case Bkrs	10%			2038	* *	5		
Molded Case Bkrs	60%			2029	$18,000	5	$200	
Wiring								
Thermoplastic	90%			2030	$19,300	1		
Thermoplastic	10%			2040	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Type Fixtures								
Egress Lighting								
Emergency, Battery	50%			2030	$8,500	10	$1,200	
Exit, Service	50%			2030	$2,200	1		
Exterior Lighting								
HID	100%			2025	$46,700	10		
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 178 - BK ANNEX (BED STUY ECC 1)
Asset # : 1340

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$5,600	1	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$7,700	2040	* *	1-3	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Building Has No Gas Service. Electric Unit Heaters In Hallways And Vestibule, Unit Ventilators And Heat Pumps In Classrooms.								
Conversion Equipment								
Furnace	40%			2030	$12,700	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Electrical Furnaces								
Heat Pump Air Sourced	60%			2028		2	$1,900	
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : 8 Units, Classrooms								
Terminal Devices								
Fan Coil Unit/Heat	100%			2030	$252,200	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	60%			2028	$91,300	2	$400	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Classrooms								
Explanation : 8 Units								
No Component	40%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 178 - BK ANNEX (BED STUY ECC 1)
Asset # : 1340

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Ceiling								
Explanation : Toilet Exhaust								
No Component	80%							
Exhaust Fans								
Interior	20%			2030	$9,000	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2024	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Classroom Sinks								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 178 - BX**		
Address	: **850 BAYCHESTER AVENUE BTWN: BARTOW AVE., DONIZETTI PL.**		
Borough	: **BRONX**	**Agency's Number**	: **X178**
Program / Asset #	: **BOE0304.000 / 1099**	**Yr Built/Renovated**	: **1972 / 2003**
Area Sq Ft	: **97,964**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-May-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5141** **Lot** : **150**	**BIN**	: **2097470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$143,300	$101,000
Interior Architecture	$413,800	
Electrical	$190,900	$1,059,900
Mechanical	$178,200	$5,165,200
Site Pavements		$598,600
Total	**$926,300**	**$6,924,600**
Importance Code A	$143,300	$348,400
Importance Code B	$523,100	$6,147,500
Importance Code C	$259,900	$428,800
Total	**$926,300**	**$6,924,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$20,100		
Interior Architecture	$3,700		$13,000	$3,500
Electrical	$1,700	$54,600	$3,200	$3,700
Mechanical	$61,300	$37,300	$45,500	$22,100
Site Pavements	$23,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$94,500**	**$115,900**	**$65,700**	**$33,100**
Importance Code A	$12,400	$25,100	$4,800	$4,800
Importance Code B	$61,700	$90,800	$60,800	$28,300
Importance Code C	$20,400			
Total	**$94,500**	**$115,900**	**$65,700**	**$33,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$42,700	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout For Window Replacement								
Pre-Cast Concrete	40%			LIFE	* *	5	$101,000	
Slate Panels	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%			2055	* *	5	$18,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$4,400	
Metal Rail	10%			2035	* *	5-10	$17,700	
Pre-Cast Concrete	45%	Now	$71,800	LIFE	* *	5	$27,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Throughout Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Roof								
Explanation : Coping Stone Joints Were Raked And Never Regrouted								
Roof								
Built-Up (BUR)	85%			2035	* *	10	$71,500	
Vegetation Growth, Extent : Moderate, Area Affected : 1%								
Location : Roof								
Cast in Place Concrete	15%			LIFE	* *			
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$22,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,000	
Ponding, Extent : Moderate, Area Affected : 2%								
Location : Basement Connector Corridor								
Ceramic Tile	5%			2039	* *	5	$7,300	
Vinyl Tile	19%	Now	$153,900	2035	* *	3	$10,400	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : First Floor								
Vinyl Tile	71%			2035	* *	3	$39,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$51,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Column								
Concrete Masonry Unit	10%	Now	$128,300	LIFE	* *	5	$10,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plaster	60%	0-2	$79,700	LIFE	* *	5	$49,100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 1%								
Location : First Floor								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	70%			2043	* *	5	$96,800	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,200	
Plaster	15%			LIFE	* *	5	$13,000	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	95%	0-2	$9,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 3%								
Location : Throughout								
Pavers/Stone	5%	Now	$2,100	2039	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : North Entry Threshold								
Parking/Driveway								
Asphalt	100%	0-2	$8,600	2033	$428,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	25%			2039	* *			
Traffic Topping	75%	0-2	$3,400	2030	$169,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : North Play Area								

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated At 6,000 And Two At 2,500 Amperes								
Transformers								
Dry Type	50%			2028	$13,400	5	$200	
Dry Type	50%			2043	* *	5	$200	
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	70%			2029	$167,600	5	$1,800	
Molded Case Bkrs	10%			2046	* *	5	$300	
Wiring								
Thermoplastic	90%			2030	$262,600	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$89,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	50%			2025	$30,200	1		
Exit, Service	50%			2025	$21,100	1		
Exterior Lighting								
LED	30%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Perimeter								
Explanation : Operated Via Timer								
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$36,800	1	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm, Cameras And Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%	4+	$101,100	2030	$101,100	1-3	$22,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Fire Alarm System Is Old . Parts Are Obsolete And No Longer Available								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Supplied From Co-op City								
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%	0-2	$12,400	2033	$247,400	1	$43,600	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Coil Connection								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2029	$214,200	4	$7,200	
Terminal Devices								
Air Handler	50%	0-2	$92,200	2030	$921,800	1	$27,300	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : No Heating And Bad Controls								
Convector/Radiator	50%			2035	* *	1	$15,800	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2030	$1,445,300	1	$45,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	100%	2-4	$15,800	2040	* *	4	$4,800	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : One Of Four Pumps Corroded								
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$1,900,900	1	$60,600	
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$283,600	2	$68,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Loading Dock								
Explanation : Located Outside Of Building								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$86,100	LIFE	* *	2-5	$54,600	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement, 1st Floor								
Explanation : Blockage								
Exhaust Fans								
Interior	20%			2035	* *	2	$600	
Roof	80%			2030	$152,100	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
High Temp	100%			2040	* *	4	$14,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$49,400	
Sprinkler								
No Component	97%							
Generic	3%			2050	* *	1-2	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 178 - M**		
Address	: **12-18 ELLWOOD STREET @ BOGARDUS PL.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M178**
Program / Asset #	: **BOE1019.000 / 13446**	**Yr Built/Renovated**	: **2001 /**
Area Sq Ft	: **66,206**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **2171** **Lot** : **36**	**BIN**	: **1064128**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$522,600	$85,900
Interior Architecture	$553,500	
Electrical		$1,383,000
Mechanical		$273,300
Total	**$1,076,000**	**$1,742,200**
Importance Code A	$522,600	$85,900
Importance Code B	$183,700	$1,656,300
Importance Code C	$369,800	
Total	**$1,076,000**	**$1,742,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$50,400			
Interior Architecture	$130,900		$13,600	$14,800
Electrical	$14,200	$10,800	$14,100	$12,000
Mechanical	$57,100	$48,700	$35,800	$37,500
Site Enclosure			$1,900	
Site Pavements	$37,600			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$300,100**	**$69,300**	**$75,300**	**$74,100**
Importance Code A	$57,000	$6,600	$6,600	$6,600
Importance Code B	$201,300	$62,800	$66,800	$65,400
Importance Code C	$41,800		$1,900	$2,100
Total	**$300,100**	**$69,300**	**$75,300**	**$74,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$48,800	
Masonry: Brick	88%	2-4	$353,800	LIFE	* *	5	$85,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	Now	$7,700	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front Elevation								
Metal Panel	2%			2053	* *	5-10	$13,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Equipment Screening								
Windows								
Aluminum	100%	Now	$168,800	2049	* *	5	$8,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Hall								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Left Wall Of Gymnasium								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10		
Masonry: Brick	75%			LIFE	* *	5-10		
Metal Panel	5%			2053	* *	5		
Metal: Cage/Fence	15%			2038	* *	5-10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Roof								
Explanation : Cage Area Rooftop Play Area								
Roof								
Cast in Place Concrete	25%			LIFE	* *	10	$18,300	
Other Observation, Extent : N/A, Area Affected : 75%								
Location : 2nd Floor Roof Play Area								
Explanation : Rubber Safety Surface								
Modified Bitumen	75%			2041	* *	10	$33,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roofs								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2042	* *	5	$5,000	
Quarry Tile	5%	Now	$18,200	2046	* *	5	$3,700	
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	4%			LIFE	* *	5	$6,200	
Vinyl Tile	82%	0-2	$112,200	2038	* *	3	$30,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	4%			2061	* *	5	$7,400	
Interior Walls								
Cast in Place Concrete	5%	Now	$32,500	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Electric Room And Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electric Room And Boiler Room								
Ceramic Tile	5%			2042	* *	5	$4,300	
Concrete Masonry Unit	15%	Now	$120,400	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Left Wall Of Gymnasium								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Left Wall Of Gymnasium								
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Basement Corridor								
Gypsum Board	10%			LIFE	* *	5-10	$14,500	
SGFT/Glazed Masonry	65%	Now	$249,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	50%	2-4	$39,900	2046	* *	5	$31,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	20%			2046	* *	5	$19,800	
Exposed Struc: Steel	15%	Now	$71,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Storage Room								
Gypsum Board	10%			LIFE	* *	5-10	$34,100	
Metal Panel	5%			LIFE	* *	5	$12,400	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	30%			2046	* *	5-10	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper Roof								
Explanation : Rail Around Gymnasium Roof								
Chain Link	70%			2053	* *			
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof Over Cafeteria								
Explanation : Rooftop Playground								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$37,600	2038	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 25%								
Location : Bogardis Place								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Rubber Matting	100%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Over Cafeteria								
Explanation : Rooftop Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	20%			2041	* *	5	$300	
Molded Case Bkrs	80%			2041	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$20,400	
Generators								
Diesel	100%			2036	* *	1	$25,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 134 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$2,500	
Fuel Storage								
Day Tank	20%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 50 Gallons Rated Capacity								
Main Tank	80%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2033	$789,500	10	$48,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	15%			2033	$148,000	10	$9,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby, Stairs, Bathrooms								
Explanation : Compact Fluorescent Lights								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$20,400	1		
Exit, Service	50%			2033	$14,300	1		
Exterior Lighting								
HID	30%			2033	$92,700	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$500	
Alarm								
Security System								
Generic	100%			2033	$124,300	1	$24,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$170,800	1-3	$42,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$65,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	0-2	$1,300	2053	* *			
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : One Refeed Pump And Valve, Boiler Room								
Steam Piping/Pump	95%			2053	* *			
Terminal Devices								
Air Handler	80%			2038	* *	1	$32,800	
Convector/Radiator	20%			2046	* *	1	$4,300	
Controls								
Pneumatic	100%			2034	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2038	* *	1	$30,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement Chiller Room								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2053	* *	4	$4,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$40,900	
Heat Rejection								
Air Cooled Condenser Unit	100%			2033	$191,700	2	$46,100	
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$7,300	LIFE	* *	2-5	$1,800	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : 3 Actuators, Roof								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$55,500	
Exhaust Fans								
Interior	90%			2038	* *	2	$1,800	
Roof	10%	0-2	$600	2033	$12,800	2	$200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 30%								
Location : 1 Unit, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,400	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,600	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,100	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 200 Gallon Units								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$33,400	
Sprinkler								
Generic	100%			2053	* *	1-2	$18,500	
Fire Pump								
Generic	100%			2042	* *	1	$12,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	100%			2031	$81,600	1-3	$83,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 178 - Q**		
Address	: **189-10 RADNOR ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q178**
Program / Asset #	: **BOE0822.000 / 1513**	**Yr Built/Renovated**	: **1951 / 2011**
Area Sq Ft	: **58,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Ph**		
Block	: **7277** **Lot** : **1**	**BIN**	: **4156558**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$161,600	$924,400
Interior Architecture	$536,200	$552,400
Electrical	$271,500	$453,300
Mechanical	$629,300	$527,500
Site Pavements	$79,000	
Total	**$1,677,700**	**$2,457,600**
Importance Code A	$161,600	$924,400
Importance Code B	$1,465,100	$1,533,200
Importance Code C	$50,900	
Total	**$1,677,700**	**$2,457,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,300	$9,900		$11,400
Interior Architecture	$93,700		$2,500	$14,400
Electrical	$29,600	$2,100	$2,100	$102,800
Mechanical	$11,400	$9,000	$12,600	$8,400
Site Pavements	$12,000			
Total	**$164,000**	**$21,000**	**$17,100**	**$136,900**
Importance Code A	$23,000	$15,700	$5,700	$17,300
Importance Code B	$83,900	$5,400	$11,400	$119,600
Importance Code C	$57,000			
Total	**$164,000**	**$21,000**	**$17,100**	**$136,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$61,500	
Masonry: Limestone	5%			LIFE	* *	5	$2,400	
Windows								
Aluminum	83%			2040	* *	5	$19,800	
Metal Louvers	2%			2041	* *	10	$3,000	
Steel	15%	Now	$161,600	2057	* *	5	$22,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium, Auditorium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Gymnasium, Auditorium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Gymnasium, Auditorium								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Auditorium								
Parapets								
Masonry: Brick	55%			LIFE	* *	5	$4,800	
Masonry: Limestone	20%			LIFE	* *	5	$2,200	
Metal Panel	10%			2042	* *	5	$3,400	
No Component	15%							
Roof								
Built-Up (BUR)	95%	Now	$17,300	2032	$862,900			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Into Room 253 Bathroom								
Copper/Terne	5%			2047	* *	10	$9,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$21,900	
Mosaic Tile	5%	0-2	$9,400	2037	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$3,900	
Vinyl Tile	20%			2032	$552,400	3	$7,500	
Vinyl Tile 9" X 9"	55%	Now	$485,300	2042	* *	3	$20,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Cafeteria And 1st Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Hallways, Classrooms, Offices								
Wood	5%	0-2	$14,900	2047	* *	5	$4,700	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$3,700	2035	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Bathrooms								
Concrete Masonry Unit	10%	Now	$21,300	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room								
Glazed Ceramic Panel	3%			LIFE	* *			
Metal Coiling Doors	1%			2048	* *	5	$5,700	
Plaster	58%	Now	$32,000	LIFE	* *	5	$19,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Room 253 And Bathrooms								
SGFT/Glazed Masonry	25%	Now	$50,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Ceilings								
AcousTile,Adhered	15%			2037	* *	5	$15,000	
AcousTileSusp.Lay-In	10%	2-4	$3,300	2037	* *	5	$5,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria And Gymnasium								
Exposed Struc: Concrete	60%			LIFE	* *	5	$9,300	
Plaster	15%	Now	$9,100	LIFE	* *	5	$9,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 253 Bathroom								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2052	* *			
Iron Picket	10%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$79,000	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Radnor Avenue								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Radnor Avenue								
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Masonry: Granite	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	95%	Now	$12,000	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basketball Court And Track								
Rubber Matting	5%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2032	$12,700	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Fused Disc Sw	50%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Two Service Disconnect Switches Rated At 400 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$156,100	5	$200	
Fused Disc Sw	20%			2052	* *	5	$100	
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$11,200	5	$100	
Fused Disc Sw	2%			2048	* *	5		
Fused Toggle Switch	20%	2-4	$27,900	2057	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Equipment And On Extended Life								
Molded Case Bkrs	50%			2031	$69,900	5	$800	
Molded Case Bkrs	20%			2048	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$57,300	5	$300	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$50,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$48,700	10	$7,000	
Exit, Service	50%			2027	$12,500	1		
Exterior Lighting								
HID	30%			2027	$81,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$32,700	1	$6,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$10,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Gymnasium, Toilets								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$57,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	20%			2027	$218,300	1	$7,200	
Convector/Radiator	80%			2030	$379,400	1	$15,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	70%			2027	$153,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,300	
Exhaust Fans								
Interior	100%			2027	$257,200	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%	Now	$3,000	2030	$148,100	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Boiler Workshop Room In The Basement								
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2032	$17,100	2		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$1,800	
Fixtures								
Generic	100%							
Leaking Connections, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Boys Room								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$40,100	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 179 - BK**		
Address	: **202 AVENUE C BTWN E. 2ND ST - E. 3RD ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K179**
Program / Asset #	: **BOE0476.000 / 1341**	**Yr Built/Renovated**	: **1915 / 2009**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5371** **Lot** : **1**	**BIN**	: **3126001**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$337,700	$202,300
Interior Architecture	$2,722,100	$351,900
Electrical	$139,700	$672,800
Mechanical		$1,781,100
Total	**$3,199,500**	**$3,008,100**
Importance Code A	$337,700	$202,300
Importance Code B	$1,337,400	$2,805,800
Importance Code C	$1,524,400	
Total	**$3,199,500**	**$3,008,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,000		$5,800	
Interior Architecture	$111,400			$7,400
Electrical	$7,600	$5,500	$6,300	$6,900
Mechanical	$54,100	$10,800	$15,700	$10,200
Site Enclosure	$7,700			
Site Pavements	$11,300			
Total	**$258,100**	**$16,300**	**$27,800**	**$24,500**
Importance Code A	$73,300	$7,300	$13,100	$7,300
Importance Code B	$109,900	$9,000	$14,700	$17,100
Importance Code C	$74,900			
Total	**$258,100**	**$16,300**	**$27,800**	**$24,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$234,700	LIFE	* *	5	$142,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd And 4th Floor Northeast Corner								
Masonry: Granite	5%	Now	$31,200	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$31,200	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	90%	Now	$103,000	2049	* *	5	$2,700	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 65%								
Location : Throughout								
Metal Louvers	5%			2042	* *	10	$1,900	
Wood	5%	Now	$1,200	2041	* *	5	$1,500	
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Front Entrance								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$2,400	
Masonry: Limestone	10%			LIFE	* *	5-10	$500	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$59,800	
Metal Panel	5%			2046	* *	10	$5,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$52,200	LIFE	* *	5	$26,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$34,600	2036	* *	5	$3,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Terrazzo	7%	Now	$80,300	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Lobby								
Traffic Topping	5%	Now	$146,400	2033	$292,800	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wrinkling, Extent : Moderate, Area Affected : 30%								
Location : Stair Landings								
Vinyl Tile	48%	0-2	$81,400	2038	* *	3	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	25%	0-2	$366,000	2048	* *	5	$28,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor And Auditorium								
Interior Walls								
Ceramic Tile	5%	Now	$24,300	2036	* *	5	$4,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Toilet Rooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,100	
Masonry: Brick	10%	Now	$1,008,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Marble Panels	5%	2-4	$31,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : First Floor Lobby								
Plaster	60%	Now	$515,500	LIFE	* *	5	$31,800	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Classrooms Northeast Of Building								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$13,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	20%	0-2	$183,900	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	3%			LIFE	* *	5	$9,200	
Plaster	77%	0-2	$287,400	LIFE	* *	5	$59,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2053	* *			
Iron Picket	20%	Now	$2,500	2053	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Corner Of Avenue C And East 2nd Street								
Retaining Walls								
Masonry: Brick	100%	Now	$5,200	2043	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Window Wells								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	97%	Now	$9,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	3%	Now	$2,000	2036	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 3%								
Location : Along East 3rd Street								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along East 2nd Street								
On-Site Walkways								
Asphalt	95%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Explanation : Repairs In Progress								
Cast in Place Concrete	5%	Now	$200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	30%			2049	* *	5	$600	
Molded Case Bkrs	60%			2032	$107,800	5	$1,200	
Wiring								
Braided Cloth	70%	0-2	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$300	
Locally Mounted	25%			2031	$29,900	5	$100	
Variable Frequency Drive	5%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$62,100	10	$8,900	
Exit, Battery	50%			2033	$52,400	10	$2,500	
Exterior Lighting								
LED	100%			2041	* *			
Alarm								
Security System								
No Component	50%							
Generic	50%			2038	* *	1	$13,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	50%			2028	$95,400	1-3	$23,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bells And Manual Pull Station								
Generic, Digital	50%			2041	* *	1-3	$22,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : A Newer Panel Added Next To The Old For Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$73,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%			2033	$592,600			
Terminal Devices								
Air Handler	10%			2033	$139,300	1	$4,600	
Convector/Radiator	90%	0-2	$10,900	2031	$544,600	1	$19,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Control Valves. Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2031	$196,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,300	
Exhaust Fans								
Interior	10%			2033	$32,800	2	$200	
Roof	20%			2033	$28,700	2	$500	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$188,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%	0-2	$6,800	2033	$68,300	2		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Old Tankless Unit With One Old 300 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	70%			2033	$10,400	4	$1,600	
Non-Submersible	30%	0-2	$4,400	2043	* *	4	$500	
Corroded, Extent : Severe, Area Affected : 70%								
Location : Boiler Room								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$51,200	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 179 - Q**		
Address	: **196-25 PECK AVE. @ 64 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q179**
Program / Asset #	: **BOE0973.000 / 2882**	**Yr Built/Renovated**	: **1955 / 2010**
Area Sq Ft	: **74,103**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **7128** **Lot** : **10**	**BIN**	: **4153407**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$624,600	
Interior Architecture	$5,326,400	$2,061,400
Electrical	$209,200	$221,000
Mechanical	$348,500	$1,162,800
Total	**$6,508,700**	**$3,445,200**
Importance Code A	$624,600	$645,900
Importance Code B	$5,451,500	$2,729,500
Importance Code C	$432,500	$69,800
Total	**$6,508,700**	**$3,445,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,900			$12,800
Interior Architecture	$45,900	$1,700	$13,400	$27,400
Electrical	$28,100	$2,500	$1,900	$52,300
Mechanical	$22,500	$10,500	$16,700	$77,800
Site Enclosure	$34,600			
Site Pavements	$29,700			
Total	**$173,700**	**$14,600**	**$32,000**	**$170,300**
Importance Code A	$20,200	$7,300	$7,300	$20,300
Importance Code B	$70,300	$7,200	$20,300	$150,000
Importance Code C	$83,200		$4,400	
Total	**$173,700**	**$14,600**	**$32,000**	**$170,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE		5	$40,300	
Window Wall	5%	Now	$64,500	2062	* *	5	$4,000	
Air Infiltration, Extent : Moderate, Area Affected : 40%								
Location : Front Facade								
Loose/Miss Fasteners, Extent : Light, Area Affected : 20%								
Location : Front Facade								
Weather Strip Missing, Extent : Moderate, Area Affected : 30%								
Location : Front Facade								
Windows								
Aluminum	100%	0-2	$462,900	2048	* *	5	$16,200	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Parapets								
Masonry: Brick	60%			LIFE		5	$2,400	
Metal Rail	35%	0-2	$9,600	2049	* *	5	$10,100	
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Main Roof								
Pre-Cast Concrete	5%	0-2	$3,300	LIFE	* *	5	$1,300	
Expansion Joint Failure, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Open Joints, Extent : Light, Area Affected : 10%								
Location : Main Roof. Various Locations								
Roof								
Built-Up (BUR)	95%			2037	* *	10	$97,200	
Copper/Terne	5%			2047	* *	10	$12,800	
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$3,300	
Terrazzo	2%			LIFE	* *	5	$1,700	
Vinyl Tile	65%			2032	$1,991,600	3	$27,000	
Vinyl Tile 9" X 9"	25%			2027	$4,893,900	3	$13,900	
Wood	5%			2047	* *	5	$10,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$8,700	
Concrete Masonry Unit	60%	0-2	$328,000	LIFE	* *	5	$69,800	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Stairwell. Throughout								
Glazed Ceramic Panel	5%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front Lobby And Auditorium Entry Area. Glaze, Surface Chip								
Plaster	12%	Now	$42,400	LIFE	* *	5	$10,500	
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Various Stairwell								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Stairwell. Various Locations								
SGFT/Glazed Masonry	20%	0-2	$104,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Glaze, Surface Chip. Various Locations								
Ceilings								
AcousTileConcealSpLn	23%			2037	* *	5	$31,900	
AcousTileSusp.Lay-In	5%			2037	* *	5	$5,500	
Exposed Struc: Concrete	70%			LIFE	* *	5	$12,100	
Exposed Struc: Steel	2%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Aluminum Rail	30%	Now	$34,600	2052	* *	5	$7,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Front Entry Area								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 30%								
Location : Front Entry Area								
Chain Link	70%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2076	* *			
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Front Basement Entry								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$9,200	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Sidewalk On Peck Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Sidewalk On Peck Avenue								
Tripping Hazard, Extent : Moderate, Area Affected : 50%								
Location : Front. West Section								

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DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	60%	4+	$900	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Various								
Cast in Place Concrete	35%			2045	* *			
Pavers/Stone	5%			2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Front Entry Stairs								
Parking/Driveway								
Asphalt	100%	4+	$5,300	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Activity Yard								
Asphalt	100%	4+	$14,400	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Ponding, Extent : Light, Area Affected : 5%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	2%			2048	* *	5		
Fused Disc Sw	8%			2031	$14,400	5	$100	
Fused Knife Sw	5%	2-4	$9,000	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	85%			2048	* *	5	$1,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	Now	$149,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2032	$20,000	1		
Thermoplastic	15%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%			2045	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	15%			2037	* *	10	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Corridoors								
Explanation : T-8 Lamps								
Fluorescent	5%			2042	* *	10	$3,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	80%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium And All Classrooms								
Explanation : Light-emitting Diode								
Egress Lighting								
Emergency, Battery	30%			2037	* *	10	$5,400	
Emergency, Battery	20%			2027	$24,900	10	$3,600	
Exit, Service	40%			2037	* *	1		
Exit, Service	10%			2027	$3,200	1		
Exterior Lighting								
HID	10%			2027	$34,600	10		
HID	10%	Now	$17,300	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$27,800	1	$5,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway, Cafeteria And Some Offices								
Explanation : Intrusion Alarm And Motion Detector								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2042	* *	5	$23,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2030	$645,900	1	$73,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$11,900	2042	* *			
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Basement. Automatic Feeding System Is Broken And Operating Manually								
Terminal Devices								
Air Handler	30%			2032	$418,400	1	$13,800	
Convector/Radiator	70%			2037	* *	1	$16,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : 1st Floor Adjacent To Building North								
Window/Wall Unit	50%			2027	$140,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Exhaust Fans								
Interior	30%			2032	$98,600	2	$700	
Roof	70%	0-2	$100,700	2042	* *	2	$1,300	
Obsolete Equipment, Extent : Severe, Area Affected : 80%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
HW Heat Exchanger								
Steam Fired	100%	Now	$107,500	2062	* *	4	$7,300	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement. The Boiler Is Producing Steam Around The Year, A New Hot Water Heater Can Save Energy And Boiler Lifespan								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2027	$14,800	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2027	$38,800	4	$3,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 18 - BX**
Address : **502 MORRIS AVENUE @E. 148 STREET**
Borough : **BRONX**
Program / Asset # : **BOE0167.000 / 498**
Area Sq Ft : **70,000**
Date of Survey : **14-Oct-2020**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2324** **Lot** : **8**
Agency's Number : **X018**
Yr Built/Renovated : **1952 / 2013**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **2000816**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$173,700	$1,308,500
Interior Architecture	$11,149,700	$935,800
Electrical	$244,000	$319,100
Mechanical	$106,100	$511,800
Total	**$11,673,400**	**$3,075,100**
Importance Code A	$173,700	$1,308,500
Importance Code B	$11,499,700	$1,766,600
Total	**$11,673,400**	**$3,075,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$31,700	$200	$10,200	$10,500
Interior Architecture	$22,900	$12,100	$3,900	$14,200
Electrical	$37,800	$1,500	$1,400	$64,700
Mechanical	$11,600	$9,800	$17,300	$9,800
Site Pavements	$26,200			
Total	**$130,100**	**$23,600**	**$32,900**	**$99,200**
Importance Code A	$38,600	$7,100	$17,100	$17,400
Importance Code B	$75,600	$13,300	$15,800	$81,800
Importance Code C	$15,900	$3,200		
Total	**$130,100**	**$23,600**	**$32,900**	**$99,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2052	* *	10	$6,400	
Fiberglass Panel	10%			2041	* *	5	$20,400	
Masonry: Brick	74%			LIFE	* *	5	$40,200	
Masonry: Brick Cavity	10%			LIFE	* *	5	$5,400	
Pre-Cast Concrete	1%	Now	$3,900	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Vertical Concrete Sections At Windows Off Play Yard								
Windows								
Aluminum	100%	4+	$173,700	2048	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout								
Parapets								
Masonry: Brick	73%			LIFE	* *	5	$8,100	
Metal Panel	20%			2052	* *	5	$8,500	
Metal Rail	2%			2049	* *	5-10	$4,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,500	
Roof								
Built-Up (BUR)	90%	4+	$26,200	2032	$1,308,500			
Blisters, Extent : Severe, Area Affected : 10%								
Location : Around Perimeter And Isolated Spots								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : At Roof Drains								
Copper/Terne	2%			2067	* *	10	$6,200	
Plaza Roof: Stone Panels	8%			2052	* *			
Soffits								
Cast in Place Concrete	30%			LIFE	* *	5	$1,200	
Masonry: Granite	20%			LIFE	* *	5	$100	
Metal Panel	30%			2058	* *	5-10	$1,700	
Stucco Cement	20%			2045	* *	5	$400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	2%			2035	* *	5	$2,500	
Ceramic Tile	1%			2045	* *	5	$1,300	
Terrazzo	5%	4+	$11,800	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%			2032	$872,600	3	$11,800	
Vinyl Tile	7%			2040	* *	3	$3,300	
Vinyl Tile 9" X 9"	50%			2027	$11,149,700	3	$31,600	
Wood	5%			2060	* *	5	$11,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2035	* *	5	$6,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,200	
Gypsum Board	5%			LIFE	* *	5	$6,300	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$25,200	
SGFT/Glazed Masonry	32%			LIFE	* *			
Wood	2%			LIFE	* *	5	$16,800	
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$12,600	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%			2049	* *	5	$6,300	
Gypsum Board	4%			LIFE	* *	5	$6,300	
Plaster	80%			LIFE	* *	5	$63,200	
Wood	1%			LIFE	* *	5	$11,100	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	45%	4+	$10,300	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East 148th Street, Morris Avenue								
Cast in Place Concrete	55%			2045	* *			
On-Site Walkways								
Asphalt	10%			2045	* *			
Cast in Place Concrete	80%			2045	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entrances								
Explanation : Handicap Access Ramps								
Masonry: Granite	10%	Now	$15,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Exit 8 Stairs On East 148th Street								
Activity Yard								
Asphalt	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Conduit	85%			2032	$122,900	1		
Under Construction	15%							
Panelboards								
Fused Disc Sw	5%			2031	$9,000	5	$100	
Fused Knife Sw	2%	0-2	$3,600	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	83%			2057	* *	5	$1,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2031	$18,000	5	$200	
Wiring								
Braided Cloth	75%	2-4	$149,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2032	$20,000	1		
Thermoplastic	15%			2062	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$61,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$58,800	10	$8,400	
Exit, LED	20%			2067	* *	1		
Exit, Service	30%			2032	$9,100	1		
Exterior Lighting								
HID	10%			2027	$32,700	10		
HID	10%	Now	$32,700	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$26,300	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Motion Sensor And Intrusion Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	$36,100	1-3	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Basement								
Explanation : Bell, Pull Station Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2062	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$69,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 New Boilers Installed								
Distribution								
Central Plant Steam Piping/Pmp	100%			2058	* *	4	$3,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2032	$263,500	1	$8,700	
Convector/Radiator	80%			2037	* *	1	$18,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2037	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Building Addition								
Explanation : 1 Unit								
Split Unit	10%			2037	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : 1 Unit								
Window/Wall Unit	40%			2027	$106,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,000	
Exhaust Fans								
Interior	80%			2032	$248,400	2	$1,700	
Roof	20%			2032	$27,200	2	$400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,400	2037	* *	4	$1,500	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Basement. Broken Belt								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Newly Installed								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 180 - BK**		
Address	: **5601 16TH AVENUE 16 AVE AND 57 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K180**
Program / Asset #	: **BOE0477.000 / 1342**	**Yr Built/Renovated**	: **1925 / 2009**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5492** **Lot** : **1**	**BIN**	: **3130809**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,006,700	$194,100
Interior Architecture	$4,738,000	$4,056,700
Electrical		$2,511,200
Mechanical	$3,333,600	$3,477,600
Site Enclosure	$56,000	
Site Pavements		$113,700
Total	**$9,134,300**	**$10,353,200**
Importance Code A	$1,006,700	$245,500
Importance Code B	$7,506,900	$10,107,800
Importance Code C	$620,700	
Total	**$9,134,300**	**$10,353,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,800			
Interior Architecture	$106,300			$18,400
Electrical	$58,500	$10,200	$12,700	$11,200
Mechanical	$132,700	$14,800	$24,700	$14,800
Site Enclosure	$25,600			
Site Pavements	$73,800			
Total	**$419,700**	**$25,000**	**$37,400**	**$44,400**
Importance Code A	$41,800	$10,800	$10,800	$10,800
Importance Code B	$335,700	$14,200	$26,600	$33,600
Importance Code C	$42,200			
Total	**$419,700**	**$25,000**	**$37,400**	**$44,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$127,400	
Glass Block	5%	Now	$82,900	LIFE	* *	5	$5,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairs Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Stairs Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs Throughout								
Masonry: Brick	80%			LIFE	* *	5	$260,800	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	3%			LIFE	* *	5	$7,300	
Masonry: Marble	2%			LIFE	* *	5	$4,900	
Metal Panel	5%	Now	$54,000	2053	* *	5	$15,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Upper Roof At Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair								
Windows								
Aluminum	100%	Now	$475,200	2049	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Offices Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Classrooms And Offices Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Offices Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$143,400	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$13,500	
Roof								
Built-Up (BUR)	95%	Now	$78,000	2038	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : South Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Roof And Bulkhead Stairs								
Copper/Terne	5%	Now	$4,600	2061	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
Carpet	1%	Now	$35,600	2035		* *	3	$3,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%									
Location : Office									
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%									
Location : Office									
Cast in Place Concrete	5%	Now	$42,800	LIFE		* *	5	$22,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Basement Boiler Room									
Ceramic Tile	5%	Now	$56,800	2036		* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Kitchen And Toilets Throughout									
Patching Evident, Extent : Light, Area Affected : 10%									
Location : Kitchen And Toilets Throughout									
Marble Panels	5%			LIFE		* *	5	$15,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%									
Location : Lobby Stair									
Sheet Vinyl/Rubber	5%			2033	$659,200		5	$15,100	
Vinyl Tile	59%	Now	$164,200	2033	$3,284,400		3	$44,600	
Adhesion Failure, Extent : Moderate, Area Affected : 15%									
Location : 2nd Floor Corridor And Classrooms Throughout									
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : 2nd Floor Corridor And Classrooms Throughout									
Patching Evident, Extent : Light, Area Affected : 10%									
Location : 2nd Floor Corridor And Classrooms Throughout									
Uneven Substrate, Extent : Moderate, Area Affected : 5%									
Location : 2nd Floor Corridor And Classrooms Throughout									
Vinyl Tile 9" X 9"	10%	2-4	$3,556,500	2043		* *	3	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : 5th Floor Corridor									
Worn/Eroded, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Wood	10%	Now	$60,100	2048		* *	5	$18,900	
Deteriorated Finish, Extent : Light, Area Affected : 50%									
Location : Throughout									
Dry Rot/Decay, Extent : Moderate, Area Affected : 2%									
Location : 5th Floor Classroom									

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DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$87,200	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement Along 16th Avenue								
Ceramic Tile	5%	Now	$126,100	2036	* *	5	$5,700	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	10%			LIFE	* *	10	$6,900	
Marble Panels	5%			LIFE	* *	10	$4,600	
Plaster	63%	Now	$351,500	LIFE	* *	5	$43,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair And Classrooms Throughout								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Bulkhead Stair And Classrooms Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair And Classrooms Throughout								
Plaster	7%			LIFE	* *	5-10	$13,600	
Ceilings								
Exposed Struc: Concrete	10%	0-2	$60,300	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	90%	Now	$275,300	LIFE	* *	5	$113,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair And Classrooms Throughout								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Bulkhead Stair And Classrooms Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair And Classrooms Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$56,000	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : South And East Sides								
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Iron Picket	25%	0-2	$20,300	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$5,200	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East Side Of Play Yard								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : East Side Of Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$33,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Masonry: Marble	5%	0-2	$1,600	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Stair								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Stair								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	85%	2-4	$27,200	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	15%	0-2	$11,400	2033	$113,700			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Rear Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	75%			2033	$195,100	5	$400	
Fused Disc Sw	25%			2043	* *	5	$100	
Raceway								
Conduit	20%			2043	* *	1		
Conduit	80%			2033	$195,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	1%			2032	$2,400	5		
Fused Disc Sw	3%			2041	* *	5	$100	
Fused Toggle Switch	1%			2032	$2,400	5		
Molded Case Bkrs	25%			2041	* *	5	$700	
Molded Case Bkrs	70%			2032	$167,600	5	$2,000	
Wiring								
Braided Cloth	10%			2032	$34,200	1		
Thermoplastic	90%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$600	
Locally Mounted	20%			2031	$36,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$1,592,400	10	$98,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%	Now	$16,200	2038	* *			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Service	10%			2033	$6,700	1		
Emergency, Battery	40%			2033	$73,200	10	$10,500	
Exit, Service	2%			2028	$900	1		
Exit, Battery	48%			2038	* *	10	$3,500	
Exterior Lighting								
HID	10%	Now	$30,500	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
No Component	90%							
Alarm								
Security System								
Generic	50%			2033	$102,300	1	$20,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$20,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$67,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Oil Tank Room								
Explanation : 1 Tank, No. 2 Oil, 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$19,000	2038	* *	1	$97,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room: Defective Chemical Treatment System; Boiler No.1: Defective Blowdown Valve								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 2 Units, 6498 Mbh Net Each								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium Supply								
Explanation : Location Noted								
Steam Piping/Pump	20%			2043	* *			
Steam Piping/Pump	70%	Now	$61,100	2033	$611,000			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room: Boiler No. 2 Header Valve; Pit Behind Vacuum Pump Set, Feedwater Pump								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Steam Traps Faulty, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%	Now	$20,500	2028	$205,100	1	$6,100	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement - Auditorium Blower: Leaky Heating Coil								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Auditorium Blower								
Convector/Radiator	50%	Now	$8,900	2031	$445,700	1	$15,800	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Roof Bulkhead - Stair C / D								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2028	$270,200	1	$3,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Fan Coil Unit/Heat	30%	Now	$810,700	2043	* *	1	$9,500	
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Rooms 202, 208, 304								
Malfunctioning, Extent : Severe, Area Affected : 75%								
Location : Throughout								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Controls								
Pneumatic	100%	Now	$2,106,600	2038	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	80%			2032	$191,700	1		
No Component	20%							
Conversion Equipment								
Split Unit	3%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Telecom Room 254								
Explanation : Location Noted								
Window/Wall Unit	36%			2026	$148,700	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	36%			2028	$148,700	1		
Window/Wall Unit	5%	Now	$20,600	2033	$20,600	1		
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Rooms 353, 357								
No Component	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium, Gymnasiums								
Explanation : Location Noted								
Ventilation								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,200	
Exhaust Fans								
Interior	95%	Now	$23,000	2028	$459,300	2	$2,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement, Fan Room By 2nd Floor Old Shower Room, Roof Bulkhead								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement - Cafeteria Exhaust Fan, Fan Room By 2nd Floor Old Shower Room								
Wall Unit	5%			2028	$2,400	2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Location Noted								
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2043	* *	1		
Brass/Copper	75%	Now	$52,500	2033	$1,049,900	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Basement Crawlspace - Water Main								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2026	$85,400	2		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 399 Mbh Input, 400 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$68,700	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Kitchen - Grease Trap Deteriorated / Clogged								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement - Waste Lamp Storage Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$21,800	4	$3,500	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$75,400	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 180 - M**		
Address	: **370 WEST 120 STREET @ MORNINGSIDE AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M180**
Program / Asset #	: **BOE0107.000 / 1658**	**Yr Built/Renovated**	: **1960 / 2002**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1946** **Lot** : **1**	**BIN**	: **1059111**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$328,600	$178,300
Interior Architecture	$545,800	$917,400
Electrical	$206,500	$666,500
Mechanical	$312,000	
Total	**$1,392,900**	**$1,762,200**
Importance Code A	$328,600	$178,300
Importance Code B	$1,064,300	$1,583,800
Total	**$1,392,900**	**$1,762,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$15,600
Interior Architecture	$66,400	$5,100	$2,700	$38,800
Electrical	$2,000	$3,900	$2,100	$43,800
Mechanical	$86,600	$12,900	$18,000	$14,200
Site Enclosure	$4,800	$6,700		
Site Pavements	$22,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$186,200**	**$32,400**	**$26,800**	**$116,500**
Importance Code A	$7,300	$7,300	$7,300	$23,000
Importance Code B	$174,200	$13,400	$19,500	$93,400
Importance Code C	$4,800	$11,800		
Total	**$186,200**	**$32,400**	**$26,800**	**$116,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$63,400	
Masonry: Brick	85%	Now	$274,400	LIFE	* *	5	$114,900	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Door Lintel At Exit E And F								
Metal Panel	5%			2042	* *	5-10	$46,500	
Windows								
Aluminum	100%			2048	* *	5	$28,500	
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$2,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
No Component	75%							
Roof								
Built-Up (BUR)	93%			2037	* *	10	$54,200	
Copper/Terne	2%			2060	* *	10	$2,900	
Modified Bitumen	5%			2037	* *	10	$2,900	
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$48,100	
Ceramic Tile	5%	Now	$31,000	2028	$309,900	5	$2,700	
Patching Evident, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	20%			2032	$607,400	3	$8,200	
Vinyl Tile 9" X 9"	45%	Now	$436,600	2042	* *	3	$18,600	
Worn/Eroded, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Wood	5%			2047	* *	5	$10,300	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$10,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$12,200	
Glazed Ceramic Panel	5%			LIFE	* *			
Mosaic Tile	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$24,400	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$35,400	2045	* *	5	$5,500	
Patching Evident, Extent : Severe, Area Affected : 50%								
Location : Cafeteria								
AcousTileConcealSpLn	40%			2037	* *	5	$55,000	
Exposed Struc: Concrete	20%			LIFE	* *	5	$3,400	
Fiber Board	5%			2037	* *			
Metal Panel	5%	Now	$109,200	LIFE	* *	5	$6,900	
Bent/Warped Elements, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Plaster	20%			LIFE	* *	5	$13,700	
Site Enclosure								
Fence/Gates								
Aluminum Rail	20%			2045	* *	5-10	$11,000	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Roof Edge								
Explanation : Guard Railing								
Chain Link	30%			2052	* *			
Iron Picket	50%	Now	$4,800	2052	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Base Of Fence								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,700	2037	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Near Tree On West 120th And Morning Side								
On-Site Walkways								
Cast in Place Concrete	95%			2037	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	55%	0-2	$17,800	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Play Yard								
Pavers/Stone	5%			2041	* *			
Rubber Matting	30%			2037	* *			
No Component	10%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$227,600	5	$2,200	
Raceway								
Conduit	90%			2032	$181,600	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$16,800	5	$100	
Fused Disc Sw	3%			2040	* *	5	$100	
Molded Case Bkrs	90%			2040	* *	5	$2,000	
Wiring								
Braided Cloth	70%			2031	$204,200	1		
Thermoplastic	20%			2042	* *	1		
Thermoplastic	10%			2032	$29,200	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$400	
Locally Mounted	20%			2030	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$60,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, 1st, 2nd, 3rd And 4th Floor								
Explanation : T-8 Lamps								
Fluorescent	10%			2037	* *	10	$6,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium And Fan Room Basement								
Egress Lighting								
Emergency, Battery	50%			2027	$61,600	10	$8,900	
Exit, Service	50%			2027	$15,800	1		
Exterior Lighting								
HID	20%			2027	$77,500	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2035	* *	5	$600	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$15,600	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Smoke Detector, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$72,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$103,300	2042	* *	4	$3,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement. Vacuum Pump Malfunctioning.								
Terminal Devices								
Air Handler	25%			2037	* *	1	$11,400	
Convector/Radiator	75%			2037	* *	1	$17,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	1%			2032	$12,300	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Supply Science Room R-410a								
Window/Wall Unit	75%			2027	$208,700	1		
No Component	24%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,000	
Exhaust Fans								
Interior	20%			2037	* *	2	$500	
Roof	80%	Now	$5,700	2037	* *	2	$1,400	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$18,800	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Corroded								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit 432 Gallon Storage								
Sanitary Piping								
Cast Iron	100%	0-2	$46,300	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Backup Of Sewage At Basement During Heavy Rainfall								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Unit								
Sewage Ejector(s)								
Electric	100%			2032	$43,500	4	$5,000	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,000	
Chemical System								
Wet	10%			2030	$8,200	1-3	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul 102 Wet System								
No Component	70%							
Generic	20%			2030	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 181 - BK**				
Address	: **1023 NEW YORK AVENUE BTWN SNYDER AVE - TILDEN AVE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K181**
Program / Asset #	: **BOE0478.000 / 2598**			**Yr Built/Renovated**	: **1922 / 2007**
Area Sq Ft	: **128,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Mar-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**				
Block	: **4904**	**Lot**	: **10**	**BIN**	: **3327776**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$483,900	$414,200
Interior Architecture	$487,400	$267,200
Electrical	$418,500	$450,600
Mechanical	$1,555,400	$4,875,600
Total	**$2,945,200**	**$6,007,600**
Importance Code A	$483,900	$875,800
Importance Code B	$2,208,200	$5,077,200
Importance Code C	$253,100	$54,600
Total	**$2,945,200**	**$6,007,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,500		$35,500	
Interior Architecture	$184,000	$4,700		$16,400
Electrical	$32,500	$13,000	$13,200	$14,400
Mechanical	$215,900	$21,000	$77,000	$22,700
Site Enclosure	$500			
Site Pavements	$14,600			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$505,800**	**$48,600**	**$135,600**	**$63,300**
Importance Code A	$54,200	$5,100	$41,000	$5,100
Importance Code B	$394,300	$43,500	$94,600	$58,200
Importance Code C	$57,200			
Total	**$505,800**	**$48,600**	**$135,600**	**$63,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$77,700	LIFE	* *	5	$61,000	
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,800	
Masonry: Brick	65%	Now	$167,200	LIFE	* *	5	$101,500	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Old Building Facade Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Window Jambs Room 402								
Masonry: Granite	5%			LIFE	* *	5	$5,900	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : New Building, Base Band								
Masonry: Limestone	5%			LIFE	* *	5	$5,900	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Below Windows On Horizontal Banding								
Metal Panel	5%			2051	* *	5-10	$53,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$25,400	
Windows								
Aluminum	95%	Now	$48,500	2047	* *	5	$25,400	
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Windows								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 402								
Metal Louvers	5%			2040	* *	10	$16,700	
Parapets								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,300	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Gymnasium Roof								
Copper/Terne	2%			2066	* *	5	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Aditorium Roof								
Explanation : Metal Coping								
Masonry: Brick	65%			LIFE	* *	5	$15,400	
Masonry: Limestone	10%			LIFE	* *	5	$3,000	
Metal Panel	18%			2051	* *	5	$16,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Modified Bitumen	20%	Now	$151,000	2031	$251,600			
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium Roof								
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Roof								
Modified Bitumen	70%	4+	$88,100	2039	* *			
Alligatoring, Extent : Moderate, Area Affected : 2%								
Location : Main Roof Drains								
Patching Evident, Extent : Light, Area Affected : 2%								
Location : Main Roof By Ph-1								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Below Equipment By Ph-2								
Single Ply Membrane	10%			2036	* *	10	$11,500	
Ponding, Extent : Light, Area Affected : 5%								
Location : Bulkhead Roofs								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$32,300	LIFE	* *	5	$41,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof Penthouse								
Ceramic Tile	5%			2040	* *	5	$9,500	
Marble Panels	1%			LIFE	* *	5	$1,400	
Poured Epoxy/Resin	2%			2030	$212,600			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse 2								
Explanation : Flashing And Flooring In Penthouse								
Quarry Tile	5%			2044	* *	5	$14,200	
Terrazzo	3%	Now	$10,600	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Old Building Entry								
Vinyl Tile	69%	Now	$72,300	2036	* *	3	$49,100	
Adhesion Failure, Extent : Moderate, Area Affected : 2%								
Location : Room 402								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : 5th Floor								
Wood	5%	2-4	$28,300	2059	* *	5	$8,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$164,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Oil Tank Room								
Ceramic Tile	5%			2034	* *	5	$21,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$34,600	
Glass Block	2%			LIFE	* *			
Glass: Single Pane	2%			LIFE	* *	5	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Building Stairs								
Explanation : Wire Glass								
Masonry: Brick	6%			LIFE	* *			
Marble Panels	3%	0-2	$45,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Old Building Entry Stair								
Plaster	42%	Now	$88,500	LIFE	* *	5	$54,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Old Building Corridors								
SGFT/Glazed Masonry	15%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%	Now	$43,100	2044	* *	5	$33,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Corridors								
AcousTileSusp.Lay-In	10%	Now	$5,900	2044	* *	5	$8,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 402								
Exposed Struc: Concrete	10%	Now	$53,500	LIFE	* *	5	$2,800	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Oil Tank Room								
Exposed Struc: Steel	5%			LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$11,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	40%	0-2	$108,500	LIFE	* *	5	$44,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms Of Old Building								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	47%			2066	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	3%	4+	$500	2051	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Rear Playground Fence								
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Activity Yard								
Explanation : Step Seating								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	40%			2040	* *			
Cast in Place Concrete	60%			2044	* *			
Activity Yard								
Asphalt	80%	2-4	$14,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pavers/Stone	5%			2040	* *			
Rubber Matting	5%			2031	$21,500			
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Main Activity Yard								
Explanation : Synthetic Turf Field								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2031	$15,400	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Electrical Room								
Explanation : Main Service Switch Rated At 1,200 Amperes								
Fused Disc Sw	70%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes And 1,200 Amperes.								
Transformers								
Dry Type	100%			2044	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Kilovolt-ampere And One 45 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	50%			2031	$130,000	5	$300	
Fused Disc Sw	50%			2051	* *	5	$300	
Raceway								
Conduit	40%			2051	* *	1		
Conduit	60%			2031	$146,200	1		
Panelboards								
Fused Disc Sw	10%			2030	$29,900	5	$300	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	65%			2047	* *	5	$2,200	
Molded Case Bkrs	20%			2030	$59,900	5	$700	

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$205,100	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2051	* *	1		
Motor Controllers								
Locally Mounted	20%			2036	* *	5	$200	
Motor Control Center	80%			2044	* *	5	$2,800	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$39,400	
Generators								
Diesel	100%			2040	* *	1	$49,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$4,700	
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Rated Capacity								
Main Tank	50%			2034	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2036	* *	10	$93,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	20%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Cafeteria And Corridors And Classrooms In Ther New Wing								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2026	$119,500	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$7,200	2036	* *	1	$12,900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Software Issue In Custodian Office								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$9,900	2031	$99,100	1-3	$21,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Cannot Reset HVAC Systems Throughout The Buildings								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	0-2	$29,400	2041	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Tank Vault								
Explanation : One Tank Of 10,000 Gallons Corroded								
Conversion Equipment								
Heat Exchanger, Shell & Tube	59%			2034	* *			
Radiant Heater	1%	Now	$700	2036	* *	2	$500	
Other Observation, Extent : Moderate, Area Affected : 3%								
Location : Penthouse								
Explanation : No Thermostat								
Steam Boiler	40%			2029	$446,300	1	$50,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	60%			2039	* *	4	$3,800	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement								
Explanation : Two Units (glycol)								
Steam Piping/Pump	40%			2041	* *			
Terminal Devices								
Air Handler	20%	Now	$24,100	2026	$481,800	1	$14,200	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Fan Room								
Explanation : 2 Out 7 Traps Malfunction								
Convector/Radiator	72%			2029	$753,600	1	$29,800	
Fan Coil Unit/Heat	5%			2026	$158,700	1	$2,100	
Unit Heater - Hot Water	3%			2026	$22,800			
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	Now	$28,300	2026	$566,500	1	$16,000	
Broken, Extent : Moderate, Area Affected : 25%								
Location : One Compressor Of Chiller In Pennhouse								
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Chillers In Penthouse								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units With 2 Compressors Each								
Split Unit	4%	Now	$12,200	2031	$121,600			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : 4th Floor Computer Room								
Explanation : Freeze Refrigerant Piping								
Window/Wall Unit	10%	Now	$29,100	2031	$48,500	1		
Broken, Extent : Moderate, Area Affected : 20%								
Location : Various								
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Elevator Mechanical Room In Basement								
Explanation : Unit Air Conditioner Short Circuiting Due To Location								
Window/Wall Unit	25%			2026	$121,200	1		
No Component	31%							
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2041	* *	4	$4,700	
No Component	50%							

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	30%	Now	$25,700	2031	$514,100	1	$21,400	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Penthouse								
Explanation : Coil Pan Leaking No Drain Line To Floor Drain								
Fan Coil - 2 Pipe	30%	Now	$40,400	2031	$808,300	1	$11,200	
Controller Not Working, Extent : Moderate, Area Affected : 30%								
Location : Various								
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2026	$76,700	2	$26,700	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Penthouse								
Explanation : 2 Units								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,400	
Exhaust Fans								
Interior	95%			2031	$539,300	2	$3,700	
Roof	5%			2036	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$82,200	2031	$1,643,900	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Hot Water Riser								
Other Observation, Extent : Severe, Area Affected : 3%								
Location : 1 In Gymnasium And 2 In Play Yard								
Explanation : Water Fountain Pipe Leaks								
Water Heater With Tanks								
Gas Fired	100%			2026	$68,300	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$9,000	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Water Backs Up When It Rains								
Sump Pump(s)								
Non-Submersible	100%			2031	$25,600	4	$2,700	
Backflow Preventer								
Generic	100%			2036	* *	1	$7,800	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$64,500	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,800	
Chemical System								
No Component	99%							
Generic	1%			2026	$1,000	1-3	$900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 181 - Q**		
Address	: **148-15 230 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q181**
Program / Asset #	: **BOE0824.000 / 1514**	**Yr Built/Renovated**	: **1964 / 2001**
Area Sq Ft	: **72,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Ph**		
Block	: **13718** **Lot** : **1**	**BIN**	: **4291453**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,147,800	
Interior Architecture	$881,900	$2,099,900
Electrical	$99,800	$543,900
Mechanical		$1,190,700
Total	**$2,129,500**	**$3,834,500**
Importance Code A	$1,147,800	$627,600
Importance Code B	$436,300	$3,206,900
Importance Code C	$545,300	
Total	**$2,129,500**	**$3,834,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,700		$51,400	
Interior Architecture	$110,100		$36,300	$2,500
Electrical	$23,000	$11,700	$13,300	$12,300
Mechanical	$113,000	$16,800	$23,100	$14,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$309,700**	**$32,500**	**$128,100**	**$33,500**
Importance Code A	$91,100	$7,100	$58,600	$7,100
Importance Code B	$149,600	$25,300	$69,600	$26,400
Importance Code C	$69,100			
Total	**$309,700**	**$32,500**	**$128,100**	**$33,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	$3,800	LIFE	* *	5	$6,400	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Near Staircase A								
Glazed Ceramic Panel	10%			LIFE	* *	5	$39,800	
Masonry: Brick Cavity	20%			LIFE	* *	5	$17,000	
Masonry: Brick Cavity	60%	Now	$222,000	LIFE	* *	5	$25,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation Of 1964 Wing, Exit 10 Door								
Masonry: Limestone	2%			LIFE	* *	5	$1,300	
Metal Panel	2%			2053	* *	5-10	$5,800	
Granite Panels	3%			LIFE	* *	5	$1,900	
Windows								
Aluminum	30%			2049	* *	5	$9,700	
Aluminum	60%	Now	$925,800	2058	* *	5	$9,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : Throughout 1964 Wing								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Throughout 1964 Wing								
Metal Louvers	10%			2046	* *	10	$20,200	
Parapets								
Masonry: Brick Cavity	25%			LIFE	* *	5-10	$6,900	
Metal Rail	70%			2046	* *	5-10	$51,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,600	
Roof								
Built-Up (BUR)	58%	4+	$13,900	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair D At Exit 5. 2nd Floor								
Copper/Terne	2%			2048	* *	10	$5,100	
Modified Bitumen	40%			2038	* *	10	$40,900	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	13%			LIFE	* *	5	$63,100	
Cast in Place Concrete	10%	Now	$94,300	LIFE	* *	5	$24,300	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Ceramic Tile	2%			2042	* *	5	$2,200	
Ceramic Tile	3%	Now	$187,600	2048	* *	5	$1,700	
Loose Units, Extent : Severe, Area Affected : 10%								
Location : Girls And Boys Toilet 1st And 2nd Floor 1964 Wing								
Worn/Eroded, Extent : Severe, Area Affected : 40%								
Location : Girls And Boys Toilet 1st And 2nd Floor 1964 Wing								
Vinyl Tile	22%			2041	* *	3	$9,200	
Vinyl Tile	40%			2038	* *	3	$16,600	
Vinyl Tile 9" X 9"	10%			2028	$1,957,500	3	$5,500	
Interior Walls								
Ceramic Tile	3%	Now	$479,900	2048	* *	5	$4,400	
Loose Units, Extent : Severe, Area Affected : 40%								
Location : Girls And Boys Toilet 1st And 2nd Floor 1964 Wing								
Concrete Masonry Unit	20%			LIFE	* *	5	$46,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$11,600	
Operable Wall	2%			2053	* *	5	$20,400	
Plaster	25%			LIFE	* *	5-10	$61,800	
SGFT/Glazed Masonry	45%			LIFE	* *	10	$65,400	
Ceilings								
AcousTileConcealSpLn	20%			2046	* *	5	$27,700	
AcousTileSusp.Lay-In	25%			2046	* *	5	$27,700	
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$62,400	
Exposed Struc: Steel	3%			LIFE	* *	10	$6,700	
Fiber Board	5%			2033	$86,500			
Metal Panel	2%	4+	$1,500	LIFE	* *	5	$2,800	
Loose Units, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2053	* *			
Iron Picket	15%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 149th Avenue								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	10%			2042	* *			
Cast in Place Concrete	85%			2046	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	95%			2042	* *			
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2053	* *	5	$200	
Fused Disc Sw	30%			2033	$58,500	5	$100	
Raceway								
Conduit	70%			2033	$101,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	8%			2032	$14,400	5	$100	
Fused Disc Sw	2%			2049	* *	5		
Molded Case Bkrs	40%			2049	* *	5	$800	
Molded Case Bkrs	50%			2032	$89,800	5	$900	
Wiring								
Braided Cloth	50%	2-4	$99,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	50%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$400	
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$22,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2042	* *	1	$27,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Penthouse								
Explanation : One 200 Kilowatts								
Batteries								
Nickel Cadmium	100%			2028	$2,500	5	$16,000	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Penthouse								
Explanation : One 75 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$62,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Service	40%			2038	* *	1		
Emergency, Battery	10%			2028	$12,100	10	$1,700	
Exit, Service	30%			2038	* *	1		
Exit, Service	20%			2028	$6,200	1		
Exterior Lighting								
HID	20%			2028	$67,200	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$67,600	1	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$44,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement And Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$22,300	
Conversion Equipment								
Steam Boiler	100%	0-2	$31,400	2031	$627,600	1	$64,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Two Tubes Are Leaking In Each Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : There Is No Condensate Tank								
Terminal Devices								
Air Handler	30%			2038	* *	1	$13,400	
Air Handler	15%			2033	$203,200	1	$6,700	
Convector/Radiator	55%			2038	* *	1	$12,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2038	* *	1	$10,000	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 2 Sets In New Wing Penthouse								
Window/Wall Unit	50%			2028	$136,400	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2053	* *	4	$1,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2038	* *	1	$13,400	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	30%			2038	* *	2	$15,000	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%	0-2	$47,400	LIFE	* *	2-5	$12,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Actuators Of Dampers, Penthouse And 3 Classrooms In New Wing 2nd Floor.								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$44,500	
Exhaust Fans								
Interior	20%	0-2	$6,400	2038	* *	2	$400	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Two Exhaust Fan Not Working In Various Location								
Interior	70%			2033	$223,500	2	$1,500	
Roof	10%			2033	$14,000	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : An Abandoned Unit Remains								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$1,400	2028	$14,400	4	$1,500	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Sump Pump Is Not Working.								
Sewage Ejector(s)								
Electric	100%			2033	$37,700	4	$4,300	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,400	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : Leaking Faucets In Old Wing. Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor To Penthouse								
Explanation : One Unit								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2053	* *	1-5	$10,900	
Sprinkler								
No Component	67%							
Generic	33%			2043	* *	1-2	$6,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 182 - BX**		
Address	: **601 STICKBALL BLVD. @RANDALL AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X182**
Program / Asset #	: **BOE0307.000 / 367**	**Yr Built/Renovated**	: **1977 / 2011**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3564** **Lot** : **1**	**BIN**	: **2021923**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$147,800
Interior Architecture	$508,800	$2,742,200
Electrical	$227,100	$1,089,200
Mechanical	$81,600	$1,842,000
Site Pavements	$50,800	
Total	**$868,300**	**$5,821,200**
Importance Code A		$147,800
Importance Code B	$733,400	$5,673,400
Importance Code C	$134,900	
Total	**$868,300**	**$5,821,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$72,700		$7,500	$8,900
Interior Architecture	$97,900		$28,400	$12,400
Electrical	$2,700	$2,700	$62,500	$1,900
Mechanical	$135,900	$34,500	$62,400	$28,400
Site Enclosure	$14,500			
Site Pavements	$39,900			
Total	**$363,500**	**$37,200**	**$160,800**	**$51,600**
Importance Code A	$82,600	$8,400	$16,100	$17,300
Importance Code B	$177,300	$28,800	$144,700	$34,300
Importance Code C	$103,700			
Total	**$363,500**	**$37,200**	**$160,800**	**$51,600**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$64,200	
Metal Panel	5%			2041	* *	5-10	$24,500	
Pre-Cast Concrete	5%	4+	$12,900	LIFE	* *	5	$11,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$17,800	
Parapets								
Cast in Place Concrete	95%			LIFE	* *	5	$83,500	
Metal Panel	5%			2051	* *	5	$1,600	
Roof								
Built-Up (BUR)	95%	Now	$45,000	2036	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Drain Body At Lower Roof Above Kitchen								
Metal Panel	5%	Now	$5,900	2036	* *			1
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Bulkheads								
Soffits								
Stucco Cement	100%			2044	* *	5	$17,800	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$11,300	LIFE	* *	5	$14,500	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Ground Water In Kitchen Storage								
Ceramic Tile	5%	0-2	$37,300	2034	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Toilets, Kitchen								
Quarry Tile	5%			2036	* *	5	$9,900	
Terrazzo	5%			LIFE	* *	5	$5,200	
Vinyl Tile	75%	0-2	$137,100	2031	$2,742,200	3	$37,200	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Corridors, Classrooms								
Wood	5%	0-2	$236,800	2071	* *	5	$6,200	
Uneven Surface, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$33,900	2034	* *	5	$6,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,900	
Folding Partition	5%			2039	* *	5	$30,800	
Metal Panel	5%			LIFE	* *			
Plaster	45%	Now	$134,900	LIFE	* *	5	$33,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$49,300	
Ceilings								
AcousTileConcealSpLn	30%			2036	* *	5	$46,800	
Exposed Struc: Concrete	65%			LIFE	* *	5	$12,700	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	30%			2051	* *			
Iron Picket	70%	4+	$14,500	2051	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Stickball Boulevard, Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$50,800	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Randell Avenue								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Stickball Boulevard								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$39,900	2044	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Randell Avenue At Exit 3, Exit 7 On Stickball Boulevard, Exit 11 On White Plains Road								
Activity Yard								
Asphalt	95%			2040	* *			
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2031	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$19,200	5	$200	
Fused Disc Sw	2%			2053	* *	5		
Molded Case Bkrs	90%			2030	$215,500	5	$2,000	
Wiring								
Thermoplastic	95%			2031	$277,200	1		
Thermoplastic	5%			2057	* *	1		
Motor Controllers								
Locally Mounted	30%			2029	$35,800	5	$200	
Locally Mounted	10%			2048	* *	5	$100	
Motor Control Center	60%			2029	$177,200	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$76,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$71,300	10	$10,300	
Exit, Service	50%			2026	$18,300	1		
Exterior Lighting								
HID	20%			2026	$79,300	10	$100	
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$31,900	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Motion Sensor And Intrusion Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobes, Bell, Horn, Smoke And Heat Detector, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$26,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7,500 Gallon Tanks, Energy Source Has Been Converted From No. 6 Oil To No. 4 Oil								
Conversion Equipment								
Steam Boiler	95%			2044	* *	1	$80,000	
Steam Boiler	5%	Now	$1,900	2036	* *	1	$3,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room. Leaking Oil Connector On Boiler No.2								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$6,300	
Terminal Devices								
Air Handler	20%	Now	$32,000	2031	$319,900	1	$9,500	
Malfunctioning, Extent : Severe, Area Affected : 75%								
Location : Various. Three Exhaust Fans Out Of Service Due To Mechanical And Electrical Defect								
Convector/Radiator	60%	Now	$20,900	2036	* *	1	$14,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Stream Trap Faulty								
Fan Coil Unit/Heat	20%			2031	$421,500	1	$5,500	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	30%			2040	* *	1	$27,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room Above Kitchen								
Explanation : Two Units								
Exterior Pkg Unit - Cooling	10%			2031	$93,200	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Explanation : Split Units Serve Second Floor Coves And Office Spaces								
Window/Wall Unit	40%	Now	$12,900	2029	$128,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Classrooms, 3 Percent Of Window Units Are Malfunctioning Due To Multiple Mechanical And Electrical Defects								
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Basement Is Not Serviced By Cooling Equipment								
Distribution								
CW & CHW Wtr Pipe/Pump	35%			2041	* *	4	$2,200	
No Component	65%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2031	$263,900	1	$10,500	
Fan Coil - 4 Pipe	15%			2031	$388,000	1	$4,100	
Other Observation, Extent : Light, Area Affected : 15%								
Location : First Floor								
Explanation : Fan Coil Units In All First Floor Classrooms								
No Component	65%							
Heat Rejection								
Air Cooled Condenser Unit	35%			2031	$68,900	2	$20,700	
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	
Exhaust Fans								
Interior	20%			2031	$75,400	2	$500	
Roof	30%	Now	$4,900	2036	* *	2	$600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof, 3 Units For Bathroom And House Exhaust Fans Malfunctioning Due To Multiple Mechanical And Electrical Defects								
Roof	50%	Now	$41,200	2031	$82,500	2	$1,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof, Three House Exhaust And One Bathroom Exhaust Fans Are Not Working Due To Multiple Mechanical And Electrical Defects								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Electric	100%	Now	$500	2029	$23,600	4		
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement. Temporary Water Heater In Use For Kitchen Only								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$12,600	
Sanitary Piping								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Various								
Explanation : Ongoing Construction To Address Leaks In Various Areas								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$17,000	4	$1,800	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$5,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Elevator Room								
Explanation : Two Units And One Unit Decomissioned								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$42,900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 182 SAMANTHA SMITH - Q**		
Address	: **153-27 88TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q277**
Program / Asset #	: **BOE1152.000 / 14898**	**Yr Built/Renovated**	: **2012 /**
Area Sq Ft	: **96,066**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3,4**		
Block	: **9763** **Lot** : **23**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$161,100	$101,400
Interior Architecture	$280,500	$178,000
Electrical		$86,300
Mechanical		$190,700
Total	**$441,600**	**$556,600**
Importance Code A	$161,100	$101,400
Importance Code B	$55,100	$332,100
Importance Code C	$225,500	$123,000
Total	**$441,600**	**$556,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,200	$21,900	$7,400	
Interior Architecture	$65,600	$6,100	$60,800	
Electrical	$20,100	$15,600	$18,100	$18,100
Mechanical	$55,000	$29,500	$28,800	$19,400
Site Pavements	$4,900			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$216,600**	**$88,000**	**$129,900**	**$52,300**
Importance Code A	$63,300	$26,700	$12,200	$4,700
Importance Code B	$134,700	$57,400	$86,200	$47,600
Importance Code C	$18,600	$3,900	$31,500	
Total	**$216,600**	**$88,000**	**$129,900**	**$52,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 182 SAMANTHA SMITH - Q
Asset # : 14898

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	10%			LIFE	* *	5	$14,100	
Masonry: Brick	90%			LIFE	* *	5	$202,900	
Windows								
Aluminum	100%			2055	* *	5	$28,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$32,600	
Masonry: Brick	89%			LIFE	* *	5-10	$69,900	
Metal Rail	1%			2050	* *	5-10	$2,100	
Roof								
IRMA/Protected Membrane	87%	4+	$25,500	2041	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Parapet Flashing Pulling Away From The Wall, Upper And Lower Roof								
Metal Panel	5%			2050	* *	10	$5,700	
Paver: Asphalt	8%			2046	* *	10	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Pavers Are Precast Concrete								
Soffits								
Stucco Cement	100%			2050	* *	5	$13,600	
Interior								
Floors								
Cast in Place Concrete	5%	4+	$12,200	LIFE	* *	5	$15,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Water Main Room Water Damaging Floor								
Ceramic Tile	25%			2046	* *	5	$35,900	
Quarry Tile	2%			2050	* *	5	$4,300	
Vinyl Tile	63%			2041	* *	3	$34,000	
Wood	5%			2068	* *	5	$13,500	
Interior Walls								
Ceramic Tile	20%			2046	* *	5	$63,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$25,200	
Fiberglass Panel	1%			LIFE	* *	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Tectum Panels								
Folding Partition	1%			2055	* *	5	$7,900	
Glass: Single Pane	1%			LIFE	* *	5	$4,700	
Gypsum Board	65%			LIFE	* *	5-10	$348,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 4th Floor Corridor Adjacent To Elevators								
Metal Panel	2%			LIFE	* *	10	$2,800	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 182 SAMANTHA SMITH - Q
Asset # : 14898

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%			2050	* *	5	$110,100	
Worn/Eroded, Extent : Moderate, Area Affected : 2%								
Location : 4th Floor Ceiling Adjacent To Elevator. Roof Drain Leak								
Exposed Struc: Steel	7%			LIFE	* *	10	$18,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Water Service Room C39 Below Exterior Walls								
Gypsum Board	3%			LIFE	* *	5-10	$13,400	
Metal Panel	5%			LIFE	* *	5	$16,200	
Site Enclosure								
Fence/Gates								
Chain Link	95%			2059	* *			
Iron Picket	5%			2077	* *			
Retaining Walls								
Cast in Place Concrete	90%			2077	* *			
Masonry: Brick	10%			2059	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Rear, North Of Building								
Explanation : Efflorescence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,900	2050	* *			
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Property Line On 88th Avenue Near School Entrance								
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Asphalt	65%			2046	* *			
Rubber Matting	35%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere And 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$2,300	

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 182 SAMANTHA SMITH - Q
Asset # : 14898

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$29,600	
Generators								
Diesel	100%			2042	* *	1	$37,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 400 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$82,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2038	* *	10	$3,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways And Gymnasium								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	20%			2038	* *	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$600	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 182 SAMANTHA SMITH - Q
Asset # : 14898

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$17,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								
Generic	50%			2038	* *	1	$17,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$59,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Manual Pull Boxes, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	85%			2038	* *	1	$40,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Package Units								
Hot Water Boiler	15%	Now	$3,100	2046	* *	1	$6,400	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Due To Broken Pump Of Unit No.1 Since 2 Years Ago.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	15%			2049	* *	4	$1,100	
No Component	85%							
Terminal Devices								
Convector/Radiator	15%			2046	* *	1	$4,700	
No Component	85%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 182 SAMANTHA SMITH - Q
Asset # : 14898

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2038	* *	2	$5,900	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Rooftop Package Units, Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,800	
Exhaust Fans								
Roof	100%			2038	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Boiler Room								
Explanation : One Tankless Unit With One 300 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%	0-2	$2,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : From Roof To 4th Floor Hallway Next To The Elevator.								
Cast Iron	70%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Passenger Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$26,900	
Fire Pump								
Generic	100%			2042	* *	1	$17,900	
Chemical System								
Generic	100%			2031	$122,400	1-3	$111,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : 1 Set Covers 30 Square Feet In Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 182 SAMANTHA SMITH - Q
Asset # : 14898

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 183 - BK**		
Address	: **76 RIVERDALE AVE. BTWN: STRAUSS ST, HERZL ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K183**
Program / Asset #	: **BOE0479.000 / 29**	**Yr Built/Renovated**	: **1923 / 2010**
Area Sq Ft	: **93,317**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **3597** **Lot** : **11**	**BIN**	: **3082253**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$158,000
Interior Architecture	$3,909,800	$1,399,800
Electrical	$255,500	$248,900
Mechanical	$655,800	$597,500
Site Pavements		$194,400
Total	**$4,821,100**	**$2,598,700**
Importance Code A		$158,000
Importance Code B	$4,609,000	$1,359,400
Importance Code C	$212,200	$1,081,200
Total	**$4,821,100**	**$2,598,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$65,800	$23,300	
Interior Architecture	$69,300	$28,700		$6,600
Electrical	$8,700	$84,200	$11,700	$8,700
Mechanical	$93,500	$33,700	$16,800	$14,100
Total	**$171,500**	**$212,400**	**$51,800**	**$29,400**
Importance Code A	$40,700	$75,200	$32,600	$9,200
Importance Code B	$130,800	$137,200	$19,300	$20,200
Importance Code C				
Total	**$171,500**	**$212,400**	**$51,800**	**$29,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$51,800	
Masonry: Brick	80%			LIFE	* *	5	$106,200	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : North Elevation								
Metal Panel	7%			2050	* *	5-10	$63,900	
Granite Panels	5%			LIFE	* *	5	$5,000	
Pre-Cast Concrete	3%			LIFE	* *	5	$12,900	
Windows								
Aluminum	100%			2046	* *	5	$46,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,000	
Masonry: Brick	75%			LIFE	* *	5	$16,500	
Metal Panel	15%			2050	* *	5	$12,800	
Roof								
Cast in Place Concrete	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of School								
Explanation : Oil Tank Room Vault								
Copper/Terne	5%			2058	* *	10	$6,200	
IRMA/Protected Membrane	85%			2035	* *	10	$42,000	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	18%			LIFE	* *	5	$55,000	
Ceramic Tile	5%			2033	$393,800	5	$7,000	
Sheet Vinyl/Rubber	2%			2038	* *	5	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Area								
Explanation : Recent Installation								
Terrazzo	5%			LIFE	* *	5	$5,500	
Traffic Topping	2%	Now	$40,000	2040	* *	5	$1,700	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Vinyl Tile	38%	Now	$29,300	2035	* *	3	$19,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%			2025	$3,697,700	3	$7,900	
Wood	15%			2045	* *	5	$39,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$114,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank Room								
Ceramic Tile	5%			2033	$826,400	5	$15,000	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	67%	4+	$98,000	LIFE	* *	5	$60,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkheads								
Ceilings								
AcousTile,Adhered	10%			2035	* *	5	$12,800	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,000	
Plaster	75%			LIFE	* *	5	$60,200	
Plaster	5%			LIFE	* *	5	$4,000	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%			2065	* *			
Retaining Walls								
Masonry: Brick	100%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	100%			2033	$194,400			
Activity Yard								
Asphalt	95%			2039	* *			
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	80%			2030	$161,400	1		
Conduit	20%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	95%			2046	* *	5	$2,300	
Wiring								
Braided Cloth	30%			2029	$87,500	1		
Thermoplastic	70%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$81,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2035	* *			
Egress Lighting								
Emergency, Service	20%			2030	$11,500	1		
Emergency, Battery	30%			2025	$47,000	10	$6,800	
Exit, Service	40%			2025	$16,100	1		
Exit, Battery	10%			2030	$13,200	10	$600	
Exterior Lighting								
Fluorescent	60%			2035	* *	10	$5,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
HID	40%			2025	$174,200	10	$100	
Alarm								
Security System								
Generic	100%			2038	* *	1	$34,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System. Upgraded In 2018.								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$57,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$40,700	2035	* *	1	$83,200	
Cracked, Extent : Severe, Area Affected : 100%								
Location : Boiler No 2 Brick Refractory								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$37,400	2040	* *			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pumps And Boiler Feed In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Piping Mains In Basement								
Terminal Devices								
Air Handler	30%	Now	$316,100	2040	* *	1	$15,600	
Not in Service, Extent : Severe, Area Affected : 75%								
Location : 3 Of 4 Blowers Not Working In Basement								
On Extended Life, Extent : Severe, Area Affected : 25%								
Location : 1 Of 4 Blowers								
Convector/Radiator	70%			2028	$534,200	1	$21,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2025	$70,700	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$20,800	
No Component	60%							
Exhaust Fans								
Interior	65%			2025	$269,000	2	$1,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Roof	35%	Now	$12,700	2030	$63,400	2	$800	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Auditorium Exhaust At 3rd Floor Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$18,700	4	$3,000	
Backflow Preventer								
Generic	100%			2035	* *	1	$5,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2030	$25,800	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 183 - M**
Address : **419 EAST 66 STREET BTWN YORK AVE - FIRST AVE**
Borough : **MANHATTAN**
Agency's Number : **M183**
Program / Asset # : **BOE0108.000 / 1659**
Yr Built/Renovated : **1904 / 2010**
Area Sq Ft : **55,105**
Project Type : **EDUCATION**
Date of Survey : **06-Dec-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Floors 1,2,4,5**
Block : **1461** **Lot** : **7** **BIN** : **1045569**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$158,100	$158,100
Interior Architecture	$807,800	$2,111,200
Electrical	$139,700	$365,900
Mechanical		$1,404,000
Site Pavements		$50,400
Total	**$1,105,600**	**$4,089,500**
Importance Code A	$158,100	$158,100
Importance Code B	$756,900	$3,877,400
Importance Code C	$190,700	$54,100
Total	**$1,105,600**	**$4,089,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$60,300		$25,100	$4,600
Interior Architecture	$118,000		$2,300	$9,300
Electrical	$13,200	$5,100	$6,400	$5,400
Mechanical	$35,600	$4,000	$8,900	$3,400
Site Enclosure	$200			
Site Pavements	$29,400			
Total	**$256,600**	**$9,100**	**$42,600**	**$22,700**
Importance Code A	$60,300		$25,100	$4,600
Importance Code B	$134,500	$9,100	$17,500	$18,100
Importance Code C	$61,900			
Total	**$256,600**	**$9,100**	**$42,600**	**$22,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$153,300	
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Copper/Terne	2%			2077	* *	10	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Bulkheads								
Explanation : Inaccessible								
Glass Block	3%			LIFE	* *	5	$3,700	
Masonry: Brick	83%			LIFE	* *	5	$162,800	
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Metal Panel	2%			2043	* *	5-10	$13,500	
Windows								
Aluminum	100%			2041	* *	5	$12,800	
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	* *	5-10	$21,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Inaccessible								
Masonry: Brick	70%			LIFE	* *	5-10	$45,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Inaccessible								
Masonry: Limestone	4%			LIFE	* *	5-10	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Inaccessible								
Metal Rail	18%			2046	* *	5-10	$30,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Inaccessible								
Roof								
IRMA/Protected Membrane	25%			2038	* *	10	$7,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Inaccessible								
Modified Bitumen	75%			2041	* *	10	$23,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Inaccessible								
Soffits								
Metal Panel	100%			2043	* *	5-10	$14,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	4+	$15,400	LIFE	* *	5	$19,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement								
Ceramic Tile	5%			2036	* *	5	$4,500	
Sheet Vinyl/Rubber	3%			2038	* *	5	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Newly Identified Component								
Vinyl Tile	82%	Now	$617,100	2033	$2,057,100	3	$27,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$33,100	2036	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Folding Partition	5%			2049	* *	5	$30,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Multipurpose Room								
Explanation : Newly Identified Component								
Gypsum Board	5%			LIFE	* *	5-10	$20,400	
Masonry: Brick	10%	4+	$91,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Basement								
Plaster	75%			LIFE	* *	5-10	$153,200	
Ceilings								
AcousTileSusp.Lay-In	20%			2038	* *	5	$16,900	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	80%	0-2	$41,200	LIFE	* *	5	$42,400	
Loose/Delam Surface, Extent : Light, Area Affected : 2%								
Location : Multipurpose Room								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%	Now	$200	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Activity Yard								
Iron Picket	90%			2053	* *			
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Areaways								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$16,200	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Asphalt	85%			2036	* *			
Cast in Place Concrete	10%			2038	* *			
Masonry: Granite	5%	Now	$300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Main Entry Stair								
Activity Yard								
Asphalt	75%	0-2	$12,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Southwest Corner Of Yard								
Rubber Matting	25%			2033	$50,400			
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$14,000	5	$100	
Molded Case Bkrs	70%			2049	* *	5	$1,000	
Molded Case Bkrs	20%			2032	$27,900	5	$300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$39,900	1		
Thermoplastic	10%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2031	$64,500	5	$300	
Locally Mounted	10%			2046	* *	5		
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$800	
Generic	50%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$48,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2028	$13,100	10		
Incandescent	2%			2028	$30,500	2		
Egress Lighting								
Emergency, Battery	50%			2028	$46,200	10	$6,700	
Exit, Service	45%			2028	$10,700	1		
Exit, Service	5%			2038	* *	1		
Exterior Lighting								
HID	10%			2028	$25,700	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$103,400	1	$20,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallway, Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$34,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Heating Plant Under Construction, Building Heated By Temporary Boiler Located Outside.								
Distribution								
Steam Piping/Pump	50%			2043	* *			
Under Construction	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2033	$207,400	1	$6,800	
Convector/Radiator	80%			2038	* *	1	$14,200	
Controls								
Under Construction	100%							
Air Conditioning								
Energy Source								
Electricity	100%			2032	$151,400	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	10%			2034	* *	2	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Mechanical Room								
Explanation : Serves Gymnasium Building								
Split Unit	20%			2041	* *			
Window/Wall Unit	70%			2028	$146,100	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria								
Explanation : 8 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,700	
Exhaust Fans								
Interior	80%			2028	$195,500	2	$1,400	
Roof	20%			2033	$21,400	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$14,100	2031	$703,500	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria Ceiling Valve Leak								
Water Heater With Tanks								
Gas Fired	10%			2031	$1,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Mechanical Room								
Explanation : 70 Gallon.								
Under Construction	90%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$1,700	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$27,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2053	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 183 - Q**		
Address	: **2-45 BEACH 79 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q183**
Program / Asset #	: **BOE0825.000 / 1515**	**Yr Built/Renovated**	: **1962 / 2013**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **16112** **Lot** : **1**	**BIN**	: **4303354**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$428,200	$12,038,800
Electrical	$275,900	$440,400
Mechanical	$1,623,400	$2,651,400
Total	**$2,327,500**	**$15,130,600**
Importance Code A		$549,100
Importance Code B	$2,270,800	$14,581,500
Importance Code C	$56,700	
Total	**$2,327,500**	**$15,130,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$140,500		$16,900	
Interior Architecture	$120,700		$3,700	$8,500
Electrical	$44,800	$13,700	$15,400	$17,100
Mechanical	$90,100	$13,000	$19,900	$16,300
Total	**$396,100**	**$26,700**	**$55,800**	**$41,800**
Importance Code A	$152,500	$7,300	$24,200	$7,300
Importance Code B	$174,500	$19,400	$31,700	$34,500
Importance Code C	$69,100			
Total	**$396,100**	**$26,700**	**$55,800**	**$41,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$47,100	
Masonry: Brick Cavity	80%			LIFE	* *	5	$80,500	
Metal Panel	5%			2059	* *	5-10	$17,300	
Window Wall	5%			2053	* *	5	$9,400	
Windows								
Aluminum	25%	Now	$5,700	2049	* *	5	$3,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Classroom								
Aluminum	70%			2049	* *	5	$16,800	
Metal Louvers	5%			2042	* *	10	$7,500	
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5-10	$28,000	
Pre-Cast Concrete	35%			LIFE	* *	5	$27,700	
Roof								
Modified Bitumen	100%	2-4	$20,100	2041	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Roof								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout Roof								
Soffits								
Stucco Cement	100%			2046	* *	5	$33,800	
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$230,100	LIFE	* *	5	$29,600	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Electric And Gasoline Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : High Water Table								
Ceramic Tile	5%	0-2	$76,300	2042	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout Toilet Rooms								
Terrazzo	3%			LIFE	* *	5	$6,300	
Vinyl Tile	22%			2038	* *	3	$11,200	
Vinyl Tile 9" X 9"	50%			2028	$11,935,500	3	$33,800	
Wood	10%			2048	* *	5	$25,400	
Interior Walls								
Ceramic Tile	5%	0-2	$28,400	2042	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Bathrooms								
Concrete Masonry Unit	15%			LIFE	* *	5	$24,800	
Plaster	25%			LIFE	* *	5-10	$43,800	
SGFT/Glazed Masonry	55%			LIFE	* *	10	$56,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$10,700	2046	* *	5	$20,700	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$74,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$13,200	
Fiber Board	5%			2033	$103,200			
Plaster	20%	4+	$16,100	LIFE	* *	5	$16,500	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Room 325								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2043	* *			
Metal Rail	20%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Metal Guard Rail								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Ponding, Extent : Severe, Area Affected : 10%								
Location : Corner At Beach Channel Drive And Beach 80th Street								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Corner At Beach Channel Drive And Beach 80th Street								
Explanation : No Storm Drain								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	45%			2042	* *			
Rubber Matting	55%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2033	$161,400	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	75%			2032	$179,600	5	$1,700	
Molded Case Bkrs	10%			2049	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	20%			2031	$23,900	5	$100	
Locally Mounted	60%	2-4	$71,700	2053	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$25,800	
Generators								
Natural Gas	100%			2042	* *	1	$32,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$74,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lights								
HID	2%			2033	$19,900	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	30%			2038	* *	10	$6,100	
Emergency, Battery	20%	Now	$28,200	2043	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Auditorium								
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$31,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$51,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	75%			2033	$146,500	5	$19,500	
Natural Gas	25%			2043	* *	1		
Conversion Equipment								
Furnace	25%			2038	* *	1	$10,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : H Wing Roof								
Explanation : 4 Rooftop Units								
Steam Boiler	75%	0-2	$11,000	2031	$549,100	1	$56,200	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	Now	$1,700	2033	$33,600			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Steam Piping/Pump	70%			2033	$470,900			
No Component	25%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2033	$237,100	1	$7,800	
Convector/Radiator	60%			2031	$412,100	1	$16,300	
No Component	25%							
Controls								
Pneumatic	100%			2027	$1,623,400			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$190,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,200	
Exhaust Fans								
Interior	20%			2033	$74,500	2	$500	
Roof	80%			2033	$130,400	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Steam Fired	100%	Now	$40,600	2033	$406,200	4	$8,300	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Boiler Room								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$34,800	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2028	$40,800	1-3	$40,500	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set Covers 10 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 183 GYM - M**
Address : **408 EAST 67TH STREET**
Borough : **MANHATTAN**
Program / Asset # : **BOE1143.000 / 14889**
Area Sq Ft : **5,170**
Date of Survey : **10-Jun-2022**
Areas Surveyed : **Roof, Floors 1**
Block : **1461** **Lot** : **37**

Agency's Number : **M390**
Yr Built/Renovated : **2006 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$209,900
Total		**$209,900**
Importance Code B		$209,900
Total		**$209,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,300			
Interior Architecture	$38,200		$200	$700
Electrical	$700	$500	$600	$600
Mechanical	$2,300	$700	$1,000	$700
Total	**$53,400**	**$1,200**	**$1,700**	**$2,000**
Importance Code A	$12,600	$300	$300	$300
Importance Code B	$27,000	$900	$1,500	$1,200
Importance Code C	$13,800			$500
Total	**$53,400**	**$1,200**	**$1,700**	**$2,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 GYM - M

Asset # : 14889

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	10%			LIFE	* *	5	$1,700	
Masonry: Brick	85%			LIFE	* *	5	$23,000	
Metal Panel	5%			2053	* *	5-10	$4,600	
Windows								
Metal Louvers	20%			2042	* *	10	$2,000	
No Component	80%							
Roof								
IRMA/Protected Membrane	100%			2038	* *	10	$15,300	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$5,100	
Ceramic Tile	5%			2042	* *	5	$400	
Sheet Vinyl/Rubber	5%	Now	$7,300	2038	* *	5	$300	
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Lobby								
Sheet Vinyl/Rubber	75%			2038	* *	5	$8,700	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,000	
Concrete Masonry Unit	90%			LIFE	* *	5	$14,100	
Folding Partition	5%	0-2	$6,800	2049	* *	5	$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Folding Partition Track								
Ceilings								
AcousTileSusp.Lay-In	5%			2046	* *	5	$400	
Exposed Struc: Steel	90%			LIFE	* *	10	$13,700	
Gypsum Board	5%			LIFE	* *	5-10	$1,300	
Site Enclosure								
Fence/Gates								
Metal Rail	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Rail								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 GYM - M

Asset # : 14889

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5		
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2038	* *	5		
Variable Frequency Drive	70%			2038	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	20%			2033	$15,400	10	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Spaces								
Explanation : T-8 Lamps								
HID	80%			2033	$49,000	10	$100	
Egress Lighting								
Emergency, Battery	50%			2033	$4,300	10	$600	
Exit, Battery	50%			2033	$3,700	10	$200	
Exterior Lighting								
HID	30%			2033	$7,200	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$9,700	1	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exit Doors And Front Of The Building								
Explanation : Intrusion Alarm System And CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$13,300	1-3	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights, Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 GYM - M

Asset # : 14889

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	100%			2033	$16,100	1	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Terminal Devices								
Fan Coil Unit/Heat	100%			2033	$128,200	1	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2031	$81,800	2	$300	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Mechanical Room								
Distribution								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,600	
Exhaust Fans								
Interior	100%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 50 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 184 - BK**		
Address	: **273 NEWPORT STREET BTWN: WATKINS ST., MOTHER GAST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K184**
Program / Asset #	: **BOE0480.000 / 1343**	**Yr Built/Renovated**	: **1923 / 2005**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **3606** **Lot** : **1**	**BIN**	: **3082391**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$433,200	$742,100
Interior Architecture	$101,100	$788,600
Electrical	$220,800	$617,400
Mechanical	$893,600	
Site Pavements	$64,800	$400,600
Total	**$1,713,400**	**$2,548,800**
Importance Code A	$639,700	$742,100
Importance Code B	$1,073,700	$1,393,000
Importance Code C		$413,800
Total	**$1,713,400**	**$2,548,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$221,700			$11,500
Electrical	$15,700	$10,600	$8,900	$7,400
Mechanical	$21,400	$60,500	$13,500	$11,500
Site Pavements	$7,300			
Total	**$266,200**	**$71,200**	**$22,300**	**$30,300**
Importance Code A		$8,000	$7,800	$7,800
Importance Code B	$186,300	$63,200	$14,500	$22,500
Importance Code C	$79,900			
Total	**$266,200**	**$71,200**	**$22,300**	**$30,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$40,900	
Masonry: Brick	90%	Now	$155,300	LIFE	* *	5	$94,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North Side								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : North Side								
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Windows								
Wood	100%	Now	$145,400	2052	* *	5	$181,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Library And Classroom 512								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,500	
Masonry: Brick	90%	Now	$132,400	LIFE	* *	5	$10,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Interior Face								
Metal Rail	5%			2043	* *	5-10	$10,500	
Roof								
Built-Up (BUR)	90%			2030	$466,700	10	$40,000	
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout Upper Roof								
Cast in Place Concrete	5%			LIFE	* *			
Copper/Terne	5%			2058	* *	10	$5,600	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$16,200	2039	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Toilets Throughout								
Quarry Tile	5%	Now	$21,100	2035	* *	5	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Sheet Vinyl/Rubber	5%	Now	$7,500	2030	$374,900	5	$4,300	
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : Library								
Terrazzo	5%			LIFE	* *	5	$4,500	
Vinyl Tile	70%	Now	$44,300	2035	* *	3	$30,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Corridors And Classrooms								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Explanation : Defective Substrate Under Tiles								
Vinyl Tile 9" X 9"	10%	Now	$101,100	2040	* *	3	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria And Various Other Locations								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Interior Walls								
Cast in Place Concrete	5%	Now	$11,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Ceramic Tile	5%	Now	$20,700	2033	$413,800	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	20%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%	Now	$47,600	LIFE	* *	5	$29,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%	4+	$7,600	2035	* *	5	$11,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout 5th Floor								
Staining/Discoloring, Extent : Light, Area Affected : 25%								
Location : Throughout 5th Floor								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,700	
Plaster	65%	Now	$45,300	LIFE	* *	5	$46,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Library And Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Library								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2050	* *			
Iron Picket	35%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$7,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Along Newport Street								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$200	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	50%	Now	$64,800	2033	$324,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rear Yard								
Cast in Place Concrete	40%			2043	* *			
Rubber Matting	10%			2030	$76,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Knife Sw	100%			2030	$195,100	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	50%			2030	$72,300	1		
Conduit	50%			2040	* *	1		
Panelboards								
Fused Disc Sw	1%			2038	* *	5		
Fused Knife Sw	1%			2029	$1,800	5		
Molded Case Bkrs	95%			2029	$170,600	5	$2,000	
Molded Case Bkrs	3%			2038	* *	5	$100	
Wiring								
Braided Cloth	60%			2029	$119,800	1		
Thermoplastic	40%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$71,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Penthouse And Library								
Egress Lighting								
Emergency, Service	5%			2030	$2,400	1		
Emergency, Battery	45%			2030	$59,700	10	$8,600	
Exit, Battery	50%			2035	* *	10	$2,700	
Exterior Lighting								
HID	100%	Now	$7,400	2035	* *			
Malfunctioning, Extent : Moderate, Area Affected : 90%								
Location : Roof And Building Perimeter								
Alarm								
Security System								
Generic	100%			2025	$148,300	1	$29,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$48,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$206,600	2035	* *	1	$70,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$12,700	2040	* *			
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pumps In Basement.								
Terminal Devices								
Air Handler	25%			2025	$371,700	1	$12,200	
Convector/Radiator	75%			2035	* *	1	$19,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2028	$44,900	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$17,600	
No Component	60%							
Exhaust Fans								
Interior	90%			2025	$315,300	2	$2,200	
Roof	10%			2025	$15,300	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$5,600	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2025	$15,800	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$700	

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DEPARTMENT OF EDUCATION - 040
P. S. 184 - BK
Asset # : 1343

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 184 - Q**		
Address	: **163-15 21 ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q184**
Program / Asset #	: **BOE0826.000 / 1516**	**Yr Built/Renovated**	: **1952 / 2014**
Area Sq Ft	: **57,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5756** **Lot** : **1**	**BIN**	: **4129072**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$963,800	$52,700
Interior Architecture	$5,791,000	$453,200
Electrical	$139,700	$533,300
Mechanical		$1,035,300
Total	**$6,894,600**	**$2,074,500**
Importance Code A	$963,800	$52,700
Importance Code B	$5,930,800	$2,021,800
Total	**$6,894,600**	**$2,074,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,100		$11,400	
Interior Architecture	$165,500		$1,600	$6,200
Electrical	$12,300	$5,800	$5,500	$6,700
Mechanical	$73,100	$11,200	$12,500	$9,800
Site Pavements	$11,200			
Total	**$279,200**	**$17,000**	**$30,900**	**$22,600**
Importance Code A	$22,800	$5,600	$17,000	$5,600
Importance Code B	$171,700	$11,400	$12,300	$16,900
Importance Code C	$84,700		$1,600	
Total	**$279,200**	**$17,000**	**$30,900**	**$22,600**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	$459,200	LIFE	* *	5	$52,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Foundation Wall								
Masonry: Limestone	5%			LIFE	* *	5	$4,200	
Windows								
Aluminum	100%	Now	$73,800	2049	* *	5	$7,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Classrooms								
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5-10	$15,300	
Masonry: Limestone	5%			LIFE	* *	5-10	$2,100	
Metal Rail	30%			2046	* *	5-10	$18,700	
Roof								
Built-Up (BUR)	65%			2038	* *	10	$39,400	
Copper/Terne	5%			2061	* *	10	$7,600	
IRMA/Protected Membrane	30%	Now	$430,800	2043	* *			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 20%								
Location : Above 2nd Floor Classrooms								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Classrooms And Corridors								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$28,700	
Ceramic Tile	3%	Now	$11,100	2036	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Toilets Near Auditorium								
Uneven Substrate, Extent : Moderate, Area Affected : 2%								
Location : Toilets Near Auditorium								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Terrazzo	2%	4+	$2,500	LIFE	* *	5	$1,000	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Corridors								
Vinyl Tile	25%	Now	$22,700	2033	$453,200	3	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vinyl Tile 9" X 9"	50%	Now	$5,791,000	2043	* *	3	$12,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Room 205 And Throughout								
Patching Evident, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Cafeteria. Throughout								
Wood	10%			2048	* *	5	$12,300	
Interior Walls								
Ceramic Tile	2%			2036	* *	5	$3,100	
Glazed Ceramic Panel	3%			LIFE	* *	10	$4,200	
Masonry: Brick	10%			LIFE	* *	10	$4,700	
Plaster	60%	Now	$45,300	LIFE	* *	5	$27,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Staircase Near Gymnasium								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$19,400	
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$21,200	
AcousTileSusp.Lay-In	10%	4+	$11,300	2046	* *	5	$3,400	
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$8,500	
Plaster	55%	Now	$22,700	LIFE	* *	5	$23,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Toilet								
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Staircase Near Gymnasium								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Iron Picket	75%			2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%	Now	$7,600	2046	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Side Walkway								
Masonry: Granite	5%	4+	$3,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Entry Stair								
Activity Yard								
Asphalt	90%			2036	* *			
Cast in Place Concrete	5%			2046	* *			
Pavers/Stone	5%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2059	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnct Switch								
Fused Disc Sw	10%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$200	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	7%			2032	$9,800	5	$100	
Fused Disc Sw	3%			2055	* *	5		
Molded Case Bkrs	60%			2055	* *	5	$900	
Molded Case Bkrs	30%			2032	$41,900	5	$500	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2059	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$57,300	5	$300	
Locally Mounted	20%			2050	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2041	* *	10	$50,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Battery	35%			2028	$33,500	10	$4,800	
Emergency, Battery	15%			2041	* *	10	$2,100	
Exit, Service	30%			2041	* *	1		
Exit, Service	20%			2028	$4,900	1		
Exterior Lighting								
HID	20%			2028	$53,200	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2028	$53,500	1	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	50%			2041	* *	1	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$147,000	1-3	$36,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bell, Pull Box And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2063	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$56,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$2,800	
Terminal Devices								
Air Handler	30%			2033	$321,800	1	$10,600	
Convector/Radiator	70%	0-2	$16,300	2038	* *	1	$11,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor. Leaking Radiator								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2028	$64,800	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,300	
Exhaust Fans								
Interior	90%			2033	$227,500	2	$1,600	
Roof	10%	0-2	$1,100	2033	$11,100	2	$100	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Explanation : Kitchen Exhaust Is Under Sized								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$145,500	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2033	$275,600	4	$8,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2028	$11,400	4	$1,800	
Sewage Ejector(s)								
Electric	100%	0-2	$29,800	2043	* *	4	$2,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 185 - BK**		
Address	: **8601 RIDGE BLVD BTWN: 86 ST., 87 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K185**
Program / Asset #	: **BOE0481.000 / 2621**	**Yr Built/Renovated**	: **1921 / 2010**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5**		
Block	: **6043** **Lot** : **1**	**BIN**	: **3153416**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$54,600	
Interior Architecture	$228,300	$470,300
Electrical		$1,201,300
Mechanical	$152,400	$1,054,400
Total	**$435,400**	**$2,726,000**
Importance Code A	$54,600	
Importance Code B	$380,800	$2,726,000
Total	**$435,400**	**$2,726,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$113,300		$4,700	
Electrical	$5,300	$32,800	$6,500	$5,000
Mechanical	$46,000	$7,400	$12,500	$7,400
Site Enclosure	$13,800			
Site Pavements	$16,200			
Total	**$194,600**	**$40,200**	**$23,700**	**$12,400**
Importance Code A	$5,300	$5,500	$5,300	$5,300
Importance Code B	$125,800	$34,700	$18,300	$7,100
Importance Code C	$63,500			
Total	**$194,600**	**$40,200**	**$23,700**	**$12,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$46,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,800	
Windows								
Aluminum	100%	0-2	$54,600	2055	* *	5	$11,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,100	
Masonry: Brick	90%			LIFE	* *	5	$3,600	
Roof								
Built-Up (BUR)	75%			2038	* *	10	$21,400	
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Roof Edges At Parapet								
Paver: Asphalt	25%			2043	* *	10	$10,700	
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$14,200	LIFE	* *	5	$18,200	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	10%			2033	$470,300	5	$8,300	
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : Third Floor Boys Bathroom								
Terrazzo	5%	0-2	$19,500	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	45%			2035	* *	3	$14,100	
Wood	30%	0-2	$29,900	2045	* *	5	$23,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	0-2	$6,300	2039	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Boys Bathroom								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,500	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%	0-2	$13,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	80%	0-2	$29,900	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,300	
Plaster	90%	0-2	$228,300	LIFE	* *	5	$46,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	55%	0-2	$10,200	2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Iron Picket	45%	2-4	$3,600	2065	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$6,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	100%	0-2	$9,500	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Raceway								
Conduit	70%			2030	$101,200	1		
Conduit	30%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	2%			2046	* *	5		
Fused Knife Sw	2%			2029	$2,800	5		
Molded Case Bkrs	60%			2046	* *	5	$900	
Molded Case Bkrs	36%			2029	$50,300	5	$500	
Wiring								
Braided Cloth	40%			2029	$79,800	1		
Thermoplastic	60%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	99%			2030	$796,900	10	$49,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2025	$15,000	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Incandescent Fixtures								
Egress Lighting								
Emergency, Service	5%			2035	* *	1		
Emergency, Battery	45%			2035	* *	10	$5,900	
Emergency, Battery	50%			2035	* *	10	$6,500	
Exterior Lighting								
HID	100%			2035	* *	10	$200	
Alarm								
Security System								
Generic	100%			2030	$101,400	1	$20,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$33,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station, Alarm Bells, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil No. 2 With 7,500 Gallon Capacity Tank								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$53,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$8,600	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement Crawl Space								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	15%			2025	$152,400	1	$5,000	
Convector/Radiator	85%	Now	$7,500	2035	* *	1	$13,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classroom								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$64,100			
Window/Wall Unit	30%			2028	$61,400	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,100	
Exhaust Fans								
Interior	100%	Now	$24,000	2030	$239,500	2	$1,300	
Abandoned in Place, Extent : Light, Area Affected : 5%								
Location : Kitchen And Cafeteria								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Penthouse And Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Air Handlers								
Explanation : Motors And Bearings Need Replacement								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$689,400	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank With 225 Gallon Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$10,800	4	$1,100	
Backflow Preventer								
No Component	90%							
Generic	10%			2030	$2,400	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boiler Service Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 186 - BK**		
Address	: **7601 19 AVENUE BTWN: 76 ST., 77 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K186**
Program / Asset #	: **BOE0482.000 / 2620**	**Yr Built/Renovated**	: **1923 / 2010**
Area Sq Ft	: **81,592**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5,Ph**		
Block	: **6239** **Lot** : **1**	**BIN**	: **3160923**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$243,900	$525,700
Interior Architecture	$2,563,300	$69,600
Electrical	$248,000	$390,000
Mechanical	$536,800	$905,400
Total	**$3,591,900**	**$1,890,600**
Importance Code A	$243,900	$525,700
Importance Code B	$3,241,500	$1,365,000
Importance Code C	$106,500	
Total	**$3,591,900**	**$1,890,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,800		$14,000	
Interior Architecture	$96,200	$3,900	$6,100	$6,900
Electrical	$6,400	$5,400	$5,700	$6,500
Mechanical	$32,300	$11,700	$35,100	$12,500
Site Pavements				
Total	**$143,600**	**$21,000**	**$61,000**	**$26,000**
Importance Code A	$16,900	$8,100	$22,300	$8,100
Importance Code B	$61,200	$10,800	$38,700	$17,900
Importance Code C	$65,600	$2,100		
Total	**$143,600**	**$21,000**	**$61,000**	**$26,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$41,900	
Masonry: Brick	90%	Now	$159,000	LIFE	* *	5	$96,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Above Windows In Rooms 506, 509, 512								
Metal Panel	5%			2051	* *	5-10	$36,900	
Windows								
Aluminum	98%	Now	$84,800	2047	* *	5	$17,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$500	
Parapets								
Masonry: Brick	88%			LIFE	* *	5	$7,300	
Masonry: Limestone	10%			LIFE	* *	5	$1,000	
Metal Rail	2%			2044	* *	5-10	$3,000	
Roof								
Built-Up (BUR)	95%	Now	$7,000	2031	$349,200			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 502								
Copper/Terne	5%			2046	* *	10	$3,900	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$79,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Bulkheads On Roof								
Explanation : Painted								
Interior								
Floors								
Ceramic Tile	3%			2040	* *	5	$3,700	
Marble Panels	2%			LIFE	* *	5	$1,800	
Quarry Tile	5%			2036	* *	5	$9,200	
Terrazzo	5%			LIFE	* *	5	$4,800	
Vinyl Tile	45%	4+	$30,600	2036	* *	3	$20,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%			2026	$2,169,100	3	$4,600	
Wood	30%	0-2	$219,900	2034	* *	5	$34,600	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$106,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gas Room And Ash Hoist Area In Basement								
Ceramic Tile	3%			2040	* *	5	$4,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Masonry: Brick	12%			LIFE	* *			
Marble Panels	5%	4+	$24,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	60%	Now	$40,900	LIFE	* *	5	$25,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms On 4th And 5th Floors								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,900	
Plaster	90%	Now	$67,700	LIFE	* *	5	$69,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Room 502								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2041	* *			
Iron Picket	35%			2051	* *			
Free Standing Walls								
Masonry: Brick	100%			2041	* *			
Retaining Walls								
Cast in Place Concrete	10%			2051	* *			
Masonry: Brick	90%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2036	* *			
Pavers/Stone	5%			2034	* *			
Activity Yard								
Asphalt	75%			2040	* *			
Cast in Place Concrete	10%			2036	* *			
Pavers/Stone	5%			2040	* *			
Rubber Matting	10%			2031	$26,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2031	$36,200	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 10,00 Ampere Service								
Fused Disc Sw	20%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Ampere Emergency Lighting Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2051	* *	5	$100	
Molded Case Bkrs	70%			2051	* *	5	$1,500	
Raceway								
Conduit	85%			2031	$171,500	1		
Conduit	15%			2051	* *	1		
Panelboards								
Molded Case Bkrs	40%			2047	* *	5	$900	
Molded Case Bkrs	60%			2030	$143,700	5	$1,300	
Wiring								
Braided Cloth	85%	2-4	$248,000	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$74,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Lamp T-8								
Egress Lighting								
Emergency, Service	50%			2039	* *	1		
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	100%			2039	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2039	* *	1	$6,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	10%							
Generic, Analog	90%			2039	* *	1-3	$46,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Basement								
Explanation : One Tank 10,000 Gallons, No. 2 Oil								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$80,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	20%			2031	$307,100	1	$10,100	
Convector/Radiator	80%			2029	$533,800	1	$21,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	5%			2029	$64,500	2	$300	
Window/Wall Unit	80%			2026	$247,300	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,500	
Exhaust Fans								
Interior	80%			2026	$289,500	2	$2,000	
Roof	20%			2031	$31,700	2	$500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gallon								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	0-2	$20,600	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement By Sanitary Trap								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$16,300	4	$1,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 186 - Q**		
Address	: **252-12 72 AVENUE BTWN: 71 RD., LITTLE NECK PKWY.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q186**
Program / Asset #	: **BOE0828.000 / 1517**	**Yr Built/Renovated**	: **1953 / 2011**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8401** **Lot** : **375**	**BIN**	: **4173640**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$704,600	$61,100
Interior Architecture	$9,028,900	$37,600
Electrical	$146,200	$378,800
Mechanical	$1,319,800	$2,171,400
Total	**$11,199,400**	**$2,648,900**
Importance Code A	$1,107,300	$61,100
Importance Code B	$10,092,200	$2,550,200
Importance Code C		$37,600
Total	**$11,199,400**	**$2,648,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,400		$16,300	
Interior Architecture	$38,900	$6,300	$1,400	
Electrical	$33,400	$60,400	$2,700	$2,200
Mechanical	$77,100	$36,400	$27,900	$18,000
Site Pavements	$11,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$171,700**	**$107,000**	**$52,300**	**$24,100**
Importance Code A	$6,400	$7,800	$23,900	$7,600
Importance Code B	$154,300	$99,200	$28,400	$16,500
Importance Code C	$11,000			
Total	**$171,700**	**$107,000**	**$52,300**	**$24,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$19,100	
Masonry: Brick	75%	0-2	$100,600	LIFE	* *	5	$61,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Near Windows And Louver								
Masonry: Brick Cavity	15%	Now	$106,400	LIFE	* *	5	$12,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 5, Foundation								
Weepholes Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Masonry: Limestone	1%			LIFE	* *	5	$600	
Metal Panel	4%			2056	* *	5-10	$22,400	
Windows								
Aluminum	100%	Now	$6,400	2046	* *	5	$700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Off Little Neck Parkway								
Parapets								
Masonry: Brick Cavity	95%	Now	$292,200	LIFE	* *	5	$29,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Corners								
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Roof								
Built-Up (BUR)	95%	Now	$205,300	2035	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	5%			2038	* *	10	$3,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,200	
Ceramic Tile	3%			2039	* *	5	$2,300	
Terrazzo	5%			LIFE	* *	5	$2,900	
Vinyl Tile	15%			2035	* *	3	$4,200	
Vinyl Tile 9" X 9"	67%			2025	$8,879,600	3	$18,900	
Wood	5%			2058	* *	5	$7,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	1%			2033	$37,600	5	$700	
Ceramic Tile	2%			2039	* *	5	$1,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,400	
Glazed Ceramic Panel	2%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$11,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 5								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	2-4	$30,200	2035	* *	5	$9,400	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Corridor								
Explanation : Ceiling Sagging								
Exposed Struc: Concrete	50%			LIFE	* *	5	$5,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 201, 202 Bulkheads								
Metal Panel	10%	Now	$149,200	LIFE	* *	5	$9,400	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Plaster	15%	0-2	$6,900	LIFE	* *	5	$7,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Staircase B								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2040	* *			
Retaining Walls								
Cast in Place Concrete	75%			2065	* *			
Masonry: Brick	25%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$1,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 72nd Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$10,300	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Activity Yard								
Rubber Matting	100%			2025				

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	3%			2046	* *	5	$100	
Fused Disc Sw	7%			2029	$12,600	5	$100	
Fused Knife Sw	2%	2-4	$3,600	2055	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room And Boiler Room Basement								
Fused Toggle Switch	15%	2-4	$26,900	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	63%			2029	$113,200	5	$1,300	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : 1st, 2nd, 3rd Floors And Basement								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	20%			2030	$39,900	1		
Motor Controllers								
Locally Mounted	80%			2028	$95,500	5	$400	
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	70%			2035	* *	10	$49,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	30%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2035	* *	10	$7,400	
Emergency, Battery	5%			2025	$6,500	10	$900	
Exit, LED	55%			2065	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$43,400	1	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Some Offices								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$14,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$179,100	5	$23,900	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Two Tanks - 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	2-4	$402,700	2050	* *	1	$68,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Both Units In Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. No.2 Boiler Is Under Repair.								
Distribution								
Steam Piping/Pump	100%	0-2	$30,800	2030	$616,600			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Head Valves And Vacuum Pumps In Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostat For Auditorium								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pumps In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Various Location								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	0-2	$5,800	2025	$289,800	1	$8,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connection Of The Units, Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Of The Unit For Auditorium, Basement								
Convector/Radiator	80%			2028	$503,700	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units. R-410a								
Window/Wall Unit	70%			2024	$204,200	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	* *	1	$2,500	
No Component	90%							
Heat Rejection								
Dry Cooler	10%			2035	* *	2	$5,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	100%			2025	$341,500	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2040	* *	1		
Galvanized Steel	40%			2028	$393,200	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2030	$372,300	4	$7,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$15,400	2040	* *	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : The Housing Of The Unit In Basement Boiler Room								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2030	$40,300	4	$3,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 New Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$106,500	1-2	$2,200	
Chemical System								
Generic	100%			2025	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 188 - BK MICHAEL E. BERDY SCHOOL**		
Address	: **3314 NEPTUNE AVENUE BTWN: W.33 ST. - W.35 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K188**
Program / Asset #	: **BOE0483.000 / 2747**	**Yr Built/Renovated**	: **1924 / 2000**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5,Ph**		
Block	: **7006** **Lot** : **1**	**BIN**	: **3188726**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,795,200	$821,000
Interior Architecture	$689,100	$65,200
Electrical		$1,885,200
Mechanical	$239,400	$888,400
Site Pavements		$2,053,400
Total	**$2,723,700**	**$5,713,200**
Importance Code A	$1,795,200	$821,000
Importance Code B	$756,700	$4,892,200
Importance Code C	$171,800	
Total	**$2,723,700**	**$5,713,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,100			
Interior Architecture	$112,600			$10,300
Electrical	$12,500	$11,300	$51,200	$12,300
Mechanical	$26,200	$20,200	$47,000	$20,700
Site Pavements	$69,500			
Total	**$299,900**	**$31,500**	**$98,200**	**$43,300**
Importance Code A	$86,900	$7,800	$7,800	$8,000
Importance Code B	$144,600	$23,700	$90,400	$35,300
Importance Code C	$68,500			
Total	**$299,900**	**$31,500**	**$98,200**	**$43,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 188 - BK MICHAEL E. BERDY SCHOOL
Asset # : 2747

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast in Place Concrete	5%	Now	$23,700	LIFE	* *		5	$39,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Exterior Corners Roof Bulkheads									
Vegetation Growth, Extent : Light, Area Affected : 5%									
Location : North Sides Roof Bulkheads									
Cast Stone/Terra Cotta	5%	4+	$126,000	LIFE	* *		5	$61,900	
Staining/Discoloring, Extent : Light, Area Affected : 10%									
Location : Below Window Guards									
Vegetation Growth, Extent : Light, Area Affected : 25%									
Location : North And East Faces									
Masonry: Brick	85%	Now	$1,606,900	LIFE	* *		5	$134,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Repairs in Progress, Extent : N/A, Area Affected : 5%									
Location : South Face, Medical Wing Crack Repair									
Spalling, Extent : Moderate, Area Affected : 10%									
Location : First Floor Northwest Corner, Various Locations									
Vegetation Growth, Extent : Light, Area Affected : 10%									
Location : North Faces									
Worn/Eroded, Extent : Moderate, Area Affected : 35%									
Location : Throughout									
Masonry: Granite	5%	0-2	$62,300	LIFE	* *		5	$5,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Throughout Grade Level Band									
Vegetation Growth, Extent : Light, Area Affected : 20%									
Location : North Face									
Windows									
Aluminum	96%	Now	$13,700	2047	* *		5	$2,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%									
Location : Throughout									
Metal Louvers	2%			2044	* *		10	$800	
No Component	2%								
Other Observation, Extent : N/A, Area Affected : 0%									
Location :									
Explanation : Metal Wall Hatches									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 188 - BK MICHAEL E. BERDY SCHOOL
Asset # : 2747

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	95%	Now	$9,200	LIFE	* *	5	$400	1
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Various Locations								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 30%								
Location : Inner Faces Of All Parapets								
Parge/Tar Separating, Extent : Moderate, Area Affected : 10%								
Location : Various Interior Faces								
Masonry: Limestone	5%	Now	$500	LIFE	* *	5		
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	85%	0-2	$31,200	2031	$624,500			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Missing								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : All Roofs								
Cast in Place Concrete	10%			LIFE	* *			
Copper/Terne	5%			2059	* *	10	$7,900	
Soffits								
Metal, Corrugated	100%			2051	* *	1		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 188 - BK MICHAEL E. BERDY SCHOOL
Asset # : 2747

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,800	
Ceramic Tile	5%	0-2	$6,900	2034	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms Janitor Closets								
Marble Panels	5%	4+	$26,900	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entry Stairs								
Quarry Tile	3%			2044	* *	5	$5,500	
Terrazzo	5%	4+	$28,700	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entry And Auditorium Lobbies								
Traffic Topping	5%	Now	$87,900	2041	* *	5	$3,800	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	42%			2036	* *	3	$25,800	
Vinyl Tile 9" X 9"	25%	Now	$270,800	2041	* *	3	$11,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Corridors								
Interior Walls								
Ceramic Tile	5%	0-2	$9,700	2040	* *	5	$4,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms, Janitors Closet								
Glass: Single Pane	3%			LIFE	* *	5	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs								
Explanation : Safety Glass Partitions								
Masonry: Brick	8%			LIFE	* *			
Marble Panels	2%	4+	$31,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$171,800	LIFE	* *	5	$42,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stage								
Explanation : Decorative Wood Panels								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 188 - BK MICHAEL E. BERDY SCHOOL
Asset # : 2747

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,900	
Plaster	85%	0-2	$158,600	LIFE	* *	5	$65,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2075	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : East Face								
Explanation : Flood Barrier Support Walls								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$41,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations, All Sides								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	100%	Now	$27,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Drain Locations								
Activity Yard								
Rubber Matting	100%			2031	$2,053,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$300	
Raceway								
Conduit	40%			2031	$57,800	1		
Conduit	60%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 188 - BK MICHAEL E. BERDY SCHOOL
Asset # : 2747

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	70%			2030	$125,700	5	$1,500	
Molded Case Bkrs	20%			2039	* *	5	$400	
Wiring								
Braided Cloth	40%			2030	$79,800	1		
Thermoplastic	60%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$24,300	
Generators								
Natural Gas	100%			2044	* *	1	$30,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : 125 Kilowatt Rated Capacity								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$2,900	
Lighting								
Interior Lighting								
Fluorescent	1%			2036	* *	10	$700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Medical Clinic								
Fluorescent	96%			2031	$1,130,500	10	$69,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2036	* *	10	$100	
Incandescent	1%			2026	$21,900	2		
Egress Lighting								
Emergency, Service	10%			2031	$4,900	1		
Emergency, Battery	40%			2031	$53,000	10	$7,600	
Exit, Service	40%			2026	$13,600	1		
Exit, Battery	10%			2036	* *	10	$500	
Exterior Lighting								
HID	100%			2031	$368,600	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$700	
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 188 - BK MICHAEL E. BERDY SCHOOL
Asset # : 2747

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$29,700	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2039	* *	1-3	$50,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$78,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Upgrade In 2016. Basement Boiler Room								
Distribution								
Central Plant Steam Piping/Pmp	4%	Now	$8,900	2041	* *	4	$200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Chemical Feed System In Basement Boiler Room								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Steam Traps In Various Locations In Basement And All Occupiable Rooms								
Central Plant Steam Piping/Pmp	96%			2041	* *	4	$5,600	
Terminal Devices								
Air Handler	25%			2039	* *	1	$12,200	
Recent Installation, Extent : N/A, Area Affected : 25%								
Location : Heating And Ventilating Units On Roof And Basement Mechanical Areas								
Convector/Radiator	75%			2036	* *	1	$19,100	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	20%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Medical Suite 101, Cafeteria, Auditorium								
Window/Wall Unit	80%			2026	$239,400	1		
Terminal Devices								
Fan Coil - 2 Pipe	2%			2031	$48,200	1	$500	
No Component	98%							

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DEPARTMENT OF EDUCATION - 040
P. S. 188 - BK MICHAEL E. BERDY SCHOOL
Asset # : 2747

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	2%			2031	$4,600	2	$1,100	
No Component	98%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,100	
Exhaust Fans								
Roof	100%			2039	* *	2	$2,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Installation In 2017 On Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	20%			2048	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2016 Installation Of Piping Distribution And Electric Pressure Booster System In Basement.								
Galvanized Steel	80%			2029	$806,800	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : Remainder Of The Building's Distribution System Is Existing.								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$1,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room And Mechanical Areas								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement Mechanical Areas								
Explanation : (2 Of 3) Duplex Pumps Utilized To Pump Potential Climatic Flooding In Basement. (1 Of 3) Duplex Pumps Used With Boiler System.								
Sewage Ejector(s)								
Electric	100%			2039	* *	4	$3,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2016 Installation In Basement Boiler Room								
Backflow Preventer								
Generic	100%			2039	* *	1	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Water Mains								

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DEPARTMENT OF EDUCATION - 040
P. S. 188 - BK MICHAEL E. BERDY SCHOOL
Asset # : 2747

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 80%								
Location : All Floors								
Explanation : 2018 Installation Of Student And Staff Toilets And Urinals								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2057	* *	1-2	$4,400	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Serves To Protect The Kitchen Hood System.								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 188 - Q**		
Address	: **218-12 HARTLAND AVENUE BTWN: KINGSBURY AVE., UNION TP.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q188**
Program / Asset #	: **BOE0829.000 / 1518**	**Yr Built/Renovated**	: **1952 / 2009**
Area Sq Ft	: **58,150**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7774** **Lot** : **165**	**BIN**	: **4164350**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$308,800	$120,000
Interior Architecture	$6,369,100	$251,600
Electrical	$139,700	$263,700
Mechanical		$463,900
Site Pavements	$60,700	
Total	**$6,878,400**	**$1,099,200**
Importance Code A	$308,800	$120,000
Importance Code B	$6,569,600	$979,200
Total	**$6,878,400**	**$1,099,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,400			$2,400
Interior Architecture		$19,800	$2,800	
Electrical	$1,600	$87,000	$2,400	$1,600
Mechanical	$12,900	$30,000	$12,900	$8,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$25,900**	**$140,700**	**$22,000**	**$16,500**
Importance Code A	$13,100	$5,900	$5,800	$8,100
Importance Code B	$12,800	$134,900	$16,200	$8,400
Importance Code C				
Total	**$25,900**	**$140,700**	**$22,000**	**$16,500**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q

Asset # : 1518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$69,300	
Masonry: Brick Cavity	5%			LIFE	* *	5	$3,800	
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	90%			2052	* *	5	$4,700	
Glass Block	5%			LIFE	* *	5	$200	
Steel	5%			2038	* *	5	$3,300	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$9,500	
Masonry: Limestone	5%	Now	$7,400	LIFE	* *	5	$700	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50% *Location : Coping* *Caulking Deteriorated, Extent : Severe, Area Affected : 50%* *Location : Coping*								
Metal Security Bars	15%			2045	* *			
Roof								
Built-Up (BUR)	95%	Now	$308,800	2035	* *			
Blisters, Extent : Severe, Area Affected : 15% *Location : Over Third Floor* *Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%* *Location : Over Third Floor* *Miss/Damaged Flashings, Extent : Severe, Area Affected : 15%* *Location : At Central Bulkhead*								
Modified Bitumen	5%			2030	$50,700	10	$4,600	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$39,000	
Ceramic Tile	5%			2033	$251,600	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$3,500	
Vinyl Tile	25%			2035	* *	3	$8,400	
Vinyl Tile 9" X 9"	40%			2025	$6,299,500	3	$13,400	
Wood	5%			2045	* *	5	$8,400	
Interior Walls								
Ceramic Tile	2%			2033	$1,800	5		
Concrete Masonry Unit	10%			LIFE	* *	5	$100	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	58%			LIFE	* *	5	$300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$22,300	
Exposed Struc: Concrete	60%			LIFE	* *	5	$8,400	
Fiber Board	5%			2025	$69,600			
Plaster	10%			LIFE	* *	5	$5,600	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q

Asset # : 1518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	95%			2050	* *			
Iron Picket	5%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$60,700	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Hartland Avenue And Kingsbury Avenue								
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	85%			2030	$122,900	1		
Conduit	15%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$139,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	10%			2028	$7,200	5		
Locally Mounted	90%			2043	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q

Asset # : 1518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$52,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$7,000	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2030	$81,400	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2058	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stacks Only								
Explanation : Lightning Rods								
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$32,700	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$45,000	1-3	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$57,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q

Asset # : 1518

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	20%			2030	$218,900	1	$7,200	
Convector/Radiator	80%			2035	* *	1	$15,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2025	$22,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,400	
Exhaust Fans								
Interior	95%	0-2	$4,900	2030	$245,000	2	$1,400	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Roof	5%			2030	$5,600	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2030	$16,100	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 188 - Q ANNEX**		
Address	: **216-15 PECK AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASE-Q858**
Program / Asset #	: **BOE0829.010 / 14447**	**Yr Built/Renovated**	:
Area Sq Ft	: **20,552**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **7774** **Lot** : **1**	**BIN**	: **4438341**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$120,300	$200,600
Interior Architecture	$796,300	
Total	**$916,600**	**$200,600**
Importance Code A	$120,300	$200,600
Importance Code B	$796,300	
Total	**$916,600**	**$200,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$60,300			
Interior Architecture	$900	$600	$800	
Electrical	$600	$21,800	$1,000	$600
Mechanical	$3,500	$55,300	$3,500	$2,800
Site Enclosure	$6,700			
Site Pavements	$23,600			
Total	**$95,500**	**$77,700**	**$5,200**	**$3,300**
Importance Code A	$62,300	$2,100	$2,000	$2,000
Importance Code B	$25,900	$75,600	$3,200	$1,300
Importance Code C	$7,300			
Total	**$95,500**	**$77,700**	**$5,200**	**$3,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q ANNEX

Asset # : 14447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	4+	$39,500	LIFE	* *	5	$24,000	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Front Facade								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Windows								
Aluminum	100%	0-2	$2,900	2046	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$17,800	LIFE	* *	5	$2,800	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 5%								
Location : Main Entrance Roof								
Masonry: Limestone	5%			LIFE	* *	5	$200	
Roof								
Roll Roofing	100%	Now	$120,300	2032	$200,600	5	$25,700	
Ponding, Extent : Severe, Area Affected : 5%								
Location : Main Roof								
Ridging, Extent : Severe, Area Affected : 20%								
Location : Main Roof								
Worn/Eroded, Extent : Severe, Area Affected : 90%								
Location : Main Roof								
Interior								
Floors								
Ceramic Tile	2%			2039	* *	5	$600	
Quarry Tile	3%			2043	* *	5	$1,400	
Terrazzo	60%			LIFE	* *	5	$14,100	
Vinyl Tile	20%			2035	* *	3	$2,300	
Vinyl Tile 9" X 9"	15%			2025	$796,300	3	$1,700	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$1,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$1,400	
Plaster	80%			LIFE	* *	5	$5,700	
Ceilings								
Gypsum Board	25%			LIFE	* *	5	$9,400	
Plaster	75%			LIFE	* *	5	$14,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$6,700	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Rear Of Play Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 188 - Q ANNEX
Asset # : 14447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	95%	4+	$23,600	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 800 Ampere Main Disconnect Switch, The Landlord Is Responsible For The Repair Of The Lease Building.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Landlord Is Responsible For The Repair.								
Raceway								
Conduit	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : The Landlord Is Responsible For The Repair.								
Panelboards								
Fused Disc Sw	5%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Landlord Is Responsible For The Repair.								
Molded Case Bkrs	95%			2046	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Electrical Closet Ist Floor								
Explanation : The Landlord Is Responsible For The Repair.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q ANNEX

Asset # : 14447

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And 1st Floor								
Explanation : The Landlord Is Responsible For The Repair.								
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Landlord Is Responsible For The Repair.								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : The Landlord Is Responsible For The Repair.								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$18,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement And 1st Floor								
Egress Lighting								
Emergency, Battery	45%			2035	* *	10	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And 1st Floor								
Explanation : The Landlord Is Responsible For The Repair.								
Exit, Service	55%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And 1st Floor								
Explanation : The Landlord Is Responsible For The Repair.								
Exterior Lighting								
HID	100%			2035	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Entrance Door And All Exit Doors								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm, The Landlord Is Responsible For The Repair.								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And 1st Floor								
Explanation : The Landlord Is Responsible For The Repair.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q ANNEX

Asset # : 14447

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$20,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	5%	0-2	$800	2050	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Piping/Pump	95%			2050	* *			
Terminal Devices								
Convector/Radiator	100%			2043	* *	1	$6,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2025	$31,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$5,700	
No Component	50%							
Exhaust Fans								
Roof	50%			2035	* *	2	$300	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$4,100	4	$700	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 188 GYM - BK THE SANDRA FELDMAN GYMNASIUM**			
Address	:	**2815 WEST 35TH STREET**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K684**
Program / Asset #	:	**BOE1137.000 / 14883**	**Yr Built/Renovated**	:	
Area Sq Ft	:	**6,913**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**20-Jan-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**7006** **Lot** : **70**	**BIN**	:	

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,700			
Interior Architecture	$33,100		$8,600	$1,100
Electrical	$700	$600	$800	$600
Mechanical	$2,800	$600	$1,100	$600
Site Enclosure	$16,600		$9,100	
Total	**$109,900**	**$1,200**	**$19,700**	**$2,300**
Importance Code A	$57,000	$300	$300	$300
Importance Code B	$39,800	$900	$10,200	$1,200
Importance Code C	$13,100		$9,100	$800
Total	**$109,900**	**$1,200**	**$19,700**	**$2,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 GYM - BK THE SANDRA FELDMAN GYMNASIUM

Asset # : 14883

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$31,200	
Exposed Struc: Steel	2%			LIFE	* *	5	$3,900	
Glass Block	13%			LIFE	* *	5	$5,100	
Masonry: Brick	50%			LIFE	* *	5	$31,200	
Metal Panel	25%			2053	* *	5-10	$53,500	
Windows								
Aluminum	100%			2049	* *	5	$600	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$24,300	
Metal Panel	5%			2053	* *	5	$700	
Roof								
IRMA/Protected Membrane	95%			2038	* *	10	$19,500	
Modified Bitumen	5%			2038	* *	10	$1,000	
Soffits								
Metal Panel	100%			2053	* *	5-10	$16,700	
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$900	
Ceramic Tile	5%			2042	* *	5	$500	
Quarry Tile	1%			2046	* *	5	$200	
Steel Grating	2%			2053	* *	1		
Vinyl Tile	2%			2038	* *	3	$100	
Wood	88%			2061	* *	5	$17,100	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,600	
Concrete Masonry Unit	91%			LIFE	* *	5	$23,200	
Folding Partition	2%			2049	* *	5	$1,600	
Gypsum Board	2%			LIFE	* *	5-10	$1,100	
Ceilings								
Exposed Struc: Steel	95%			LIFE	* *	10	$18,500	
Gypsum Board	5%			LIFE	* *	5-10	$1,700	
Site Enclosure								
Fence/Gates								
Aluminum Rail	100%			2046	* *	5-10	$15,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper Roof								
Explanation : Roof Railing								
Retaining Walls								
Cast in Place Concrete	100%	Now	$16,600	2077	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Concrete Ramps								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 188 GYM - BK THE SANDRA FELDMAN GYMNASIUM
Asset # : 14883

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$200	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	10%			2038	* *	10	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Office Area								
Explanation : T-8 Lamps								
HID	90%			2038	* *	10	$200	
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$800	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System. Motion Sensors, Alarm Bells								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 GYM - BK THE SANDRA FELDMAN GYMNASIUM

Asset # : 14883

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2041	* *	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Rooftop Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2038	* *	2	$400	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Exhaust Fans								
Roof	100%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Janitor Rooms								
Explanation : Two 20 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 188- M / P.S. 196 M**				
Address	: **442 EAST HOUSTON STREET BTWN: AVE. D, FDR DRIVE**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M188**	
Program / Asset #	: **BOE0111.000 / 2632**		**Yr Built/Renovated**	: **1904 / 2012**	
Area Sq Ft	: **135,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **05-Dec-2018**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5**				
Block	: **356**	**Lot** : **100**	**BIN**	: **1004349**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$330,800
Interior Architecture	$418,500	$1,896,700
Electrical	$377,800	$57,800
Mechanical	$1,180,400	$2,877,800
Site Enclosure		$67,300
Site Pavements		$89,500
Total	**$1,976,700**	**$5,319,900**
Importance Code A		$330,800
Importance Code B	$1,976,700	$3,672,300
Importance Code C		$1,316,800
Total	**$1,976,700**	**$5,319,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$67,200	$11,800	
Interior Architecture	$47,700	$9,500	$12,600	$6,300
Electrical	$2,500	$40,400	$4,800	$2,500
Mechanical	$17,200	$29,300	$32,900	$17,500
Site Pavements	$11,900			
Total	**$79,300**	**$146,500**	**$62,100**	**$26,300**
Importance Code A	$13,000	$80,600	$24,800	$13,000
Importance Code B	$15,500	$65,900	$37,200	$13,300
Importance Code C	$50,800			
Total	**$79,300**	**$146,500**	**$62,100**	**$26,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188- M / P.S. 196 M

Asset # : 2632

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	12%			LIFE	* *	5	$170,600	
Masonry: Brick	88%			LIFE	* *	5	$160,100	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	85%			2046	* *	5	$23,600	
Wood	15%			2038	* *	5	$41,600	
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$3,200	
Masonry: Brick Cavity	95%			LIFE	* *	5	$12,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,700	
Roof								
Copper/Terne	5%			2045	* *	10	$8,200	
Modified Bitumen	65%			2035	* *	10	$42,600	
Single Ply Membrane	25%			2035	* *	10	$16,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof Area								
Explanation : This Is Actually A Fluid Applied Membrane								
Skylight, Metal/Glass	5%			2040	* *	10	$10,900	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$66,300	
Ceramic Tile	5%			2033	$569,400	5	$10,100	
Vinyl Tile	50%			2035	* *	3	$37,900	
Vinyl Tile	25%	Now	$418,500	2040	* *	3	$18,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Corridors								
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Wood	5%			2045	* *	5	$18,900	
Interior Walls								
Ceramic Tile	5%	Now	$47,700	2033	$953,700	5	$8,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stair 1								
Concrete Masonry Unit	5%			LIFE	* *	5	$6,900	
Fiberglass Panel	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Elevator Vestibules On Each Floor								
Explanation : This Is Actually A Plastic Panel								
Masonry: Brick	10%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$67,600	
Wood	10%			LIFE	* *	5	$138,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188- M / P.S. 196 M

Asset # : 2632

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$20,200	
Exposed Struc: Steel	5%			LIFE	* *			
Exposed Struc: Wood	5%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$101,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2030	$67,300			
Free Standing Walls								
Masonry: Brick	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Handicap Ramp								
Explanation : Cheek Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$8,800	2035	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 2%								
Location : Baruch Drive Sidewalk								
On-Site Walkways								
Cast in Place Concrete	75%	Now	$1,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs At East Entry								
Pavers/Stone	25%	Now	$1,800	2033	$89,500			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Steps At Various Entrances								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Raceway								
Conduit	75%			2050	* *	1		
Conduit	20%			2030	$57,800	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$3,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188- M / P.S. 196 M

Asset # : 2632

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	40%	2-4	$159,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	60%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$900	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	85%			2035	* *	10	$105,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	15%	Now	$56,100	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor								
Explanation : Malfunctioning								
Egress Lighting								
Emergency, Battery	25%			2025	$56,700	10	$8,100	
Exit, LED	25%			2058	* *	1		
Exit, Service	50%			2025	$29,100	1		
Exterior Lighting								
HID	20%			2035	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$10,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$16,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 188- M / P.S. 196 M

Asset # : 2632

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	5%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Heat / Cool Package Units								
Interruptible Gas/Dual Fuel	95%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Furnace	5%			2035	* *	1	$3,300	
Steam Boiler	95%			2043	* *	1	$127,000	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : No Chemical Feed Tank For Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Package Unit On Lower Roof								
Steam Piping/Pump	20%			2050	* *			
Steam Piping/Pump	75%	4+	$243,200	2040	* *			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Terminal Devices								
Convector/Radiator	75%			2028	$827,900	1	$32,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	25%	0-2	$165,600	2050	* *	1	$9,800	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Various Locations, Broken Danfoss Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	5%			2035	* *	2	$400	
Window/Wall Unit	80%			2028	$409,100	1		
No Component	15%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188- M / P.S. 196 M

Asset # : 2632

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Package Units								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$118,600	LIFE	* *	2-5	$75,300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Exhaust Ducts On Roof								
Exhaust Fans								
Roof	100%			2030	$261,900	2	$4,100	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%			2028	$1,378,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Electric	50%			2025	$11,800	4		
Gas Fired	50%			2028	$8,500	2		
Sanitary Piping								
Cast Iron	100%	4+	$510,200	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	4+	$142,800	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2030	$27,000	4	$2,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit								
Explanation : 1st To 5th Floor								
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2050	* *	1-2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Storage Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 188- M / P.S. 196 M
Asset # : 2632

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 189 - BK**		
Address	: **1100 EAST NEW YORK AVENUE @ E. 96 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K189**
Program / Asset #	: **BOE0484.000 / 1317**	**Yr Built/Renovated**	: **1923 / 2008**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **4599** **Lot** : **1**	**BIN**	: **3099537**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,231,600	$184,900
Interior Architecture	$358,700	$2,318,300
Electrical	$282,600	$115,700
Mechanical	$290,400	$1,640,400
Total	**$2,163,400**	**$4,259,300**
Importance Code A	$1,231,600	$184,900
Importance Code B	$728,900	$3,959,100
Importance Code C	$202,800	$115,300
Total	**$2,163,400**	**$4,259,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,400	$1,800		$42,300
Interior Architecture	$64,800	$11,100		$27,100
Electrical	$8,800	$7,000	$5,200	$15,000
Mechanical	$55,400	$10,700	$17,100	$10,700
Total	**$134,400**	**$30,600**	**$22,400**	**$95,200**
Importance Code A	$13,100	$9,500	$7,700	$50,200
Importance Code B	$121,300	$13,100	$14,600	$45,000
Importance Code C		$8,000		
Total	**$134,400**	**$30,600**	**$22,400**	**$95,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$54,700	
Masonry: Brick	93%	Now	$1,072,400	LIFE	* *	5	$130,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Areaway								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$2,100	
Windows								
Aluminum	98%	Now	$85,400	2048	* *	5	$17,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Classrooms								
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Metal Louvers	2%			2041	* *	10	$4,600	
Parapets								
Masonry: Brick	95%	Now	$73,800	LIFE	* *	5	$11,700	1
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
Roof								
Built-Up (BUR)	88%			2037	* *	10	$42,300	
Cast in Place Concrete	10%	Now	$5,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Gas Meter Room And Room 004 In Basement								
Metal Panel	2%			2045	* *	10	$1,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,300	
Ceramic Tile	3%			2035	* *	5	$3,700	
Marble Panels	3%			LIFE	* *	5	$2,800	
Quarry Tile	2%			2037	* *	5	$3,700	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	62%	Now	$42,800	2032	$2,139,000	3	$29,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Vinyl Tile 9" X 9"	2%	Now	$22,000	2042	* *	3	$900	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Rooms 301, 302, 404								
Wood	13%			2047	* *	5	$30,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$202,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Steam Tunnel Chamber								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Steam Tunnel Chamber								
Ceramic Tile	3%			2035	* *	5	$16,000	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Cage Partitions Located In Stairwells								
Plaster	72%			LIFE	* *	5	$115,300	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	2%			2045	* *	5	$2,500	
Exposed Struc: Concrete	10%	Now	$93,600	LIFE	* *	5	$2,000	
Exposed Reinforcement, Extent : Severe, Area Affected : 40%								
Location : Steam Chamber, Gas Meter Room, Room 004								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Steam Chamber, Oil Tank, Gas Meter Room, Room 004								
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Basement Boiler, Oil Tank And Gas Meter Room								
Explanation : Lolly Columns Installed To Support Ceiling								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	1%			LIFE	* *	5	$1,600	
Plaster	82%	4+	$62,300	LIFE	* *	5	$64,000	
Water Penetration, Extent : Light, Area Affected : 15%								
Location : 5th Floor Corridor And Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	35%			2041	* *			
Cast in Place Concrete	5%			2045	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Rear Yard								
Explanation : Water Penetrates Into Basement Boiler, Gas Meter And Oil Tank								
Rubber Matting	10%			2037	* *			
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Activity Yard								
Explanation : New Gymnasium And New Auditorium Building Under Construction								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Fused Knife Sw	2%	2-4	$3,600	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	88%			2048	* *	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$70,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$9,400	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$72,800	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$8,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter, Cafeteria								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$48,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 5000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$77,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2032	$624,600			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	0-2	$117,400	2042	* *	1	$8,700	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Units Are Inoperable And Remain In Basement For Many Years.								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Units Are On Extended Life And Have Not Been In Service For Many Years, Basement								
Convector/Radiator	80%			2030	$510,300	1	$20,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2030	$206,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%	4+	$27,400	LIFE	* *	2-5	$17,400	
Needs Cleaning, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$26,100	
Exhaust Fans								
Interior	50%	Now	$17,300	2027	$173,000	2	$1,000	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : The Unit Has Not Been Working For Many Years, Penthouse								
Roof	10%			2032	$15,100	2	$200	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$298,700	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$15,600	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$32,400	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 189 - BK MINISCHOOL**				
Address	: **1100 EAST NEW YORK AVENUE @ E. 96 ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K889**
Program / Asset #	: **BOE0484.010 / 1318**			**Yr Built/Renovated**	: **1969 /**
Area Sq Ft	: **7,500**			**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **4599**	**Lot**	: **1**	**BIN**	: **3099537**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$1,228,200	
Mechanical		$118,600
Total	**$1,228,200**	**$118,600**
Importance Code B	$1,228,200	$118,600
Total	**$1,228,200**	**$118,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,400			$3,300
Interior Architecture	$2,600	$600		$6,400
Electrical	$500	$600	$600	$13,600
Mechanical	$400	$500	$1,000	$24,200
Total	**$40,900**	**$1,800**	**$1,600**	**$47,400**
Importance Code A	$37,800	$400	$400	$3,700
Importance Code B	$3,100	$1,400	$1,200	$43,700
Importance Code C				
Total	**$40,900**	**$1,800**	**$1,600**	**$47,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 189 - BK MINISCHOOL
Asset # : 1318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$3,800	
Metal Panel	95%	2-4	$19,400	2052	* *	5	$27,400	
Deformed/Dented, Extent : Moderate, Area Affected : 2%								
Location : Adjacent Exit No.2								
Windows								
Aluminum	100%			2048	* *	5	$1,300	
Roof								
Metal Panel	100%	Now	$18,000	2037	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%								
Location : Leaders Missing								
Soffits								
Metal Panel	100%			2052	* *	5-10	$12,100	
Interior								
Floors								
Mosaic Tile	3%	Now	$1,700	2037	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Entry Vestibules								
Vinyl Tile	40%			2037	* *	3	$1,800	
Vinyl Tile 9" X 9"	57%			2027	$1,228,200	3	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Vinyl Tiles								
Interior Walls								
Concrete Masonry Unit	8%			LIFE	* *	5	$600	
Metal Panel	92%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	90%			2037	* *	5	$11,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	10%			LIFE	* *			
Site Pavements								
On-Site Walkways								
Asphalt	90%			2041	* *			
Cast in Place Concrete	10%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 189 - BK MINISCHOOL
Asset # : 1318

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	95%			2031	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$6,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	15%			2027	$5,200	10		
No Component	85%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 189 - BK MINISCHOOL
Asset # : 1318

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2037	* *	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2033	$118,600	2	$500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,200	
Exhaust Fans								
Interior	90%			2037	* *	2	$200	
Roof	10%			2032	$1,500	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2027	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 189 - M**		
Address	: **2580 AMSTERDAM AVENUE @W. 188 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M189**
Program / Asset #	: **BOE0112.000 / 1635**	**Yr Built/Renovated**	: **1923 / 2012**
Area Sq Ft	: **111,885**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **2159** **Lot** : **51**	**BIN**	: **1076750**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$202,600	$202,600
Interior Architecture	$488,700	$6,299,100
Electrical	$317,600	$515,100
Mechanical		$4,073,500
Site Pavements	$416,100	
Total	**$1,425,000**	**$11,090,300**
Importance Code A	$202,600	$563,400
Importance Code B	$680,200	$10,526,900
Importance Code C	$542,300	
Total	**$1,425,000**	**$11,090,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$89,200		$23,200	
Interior Architecture	$213,200		$25,100	$18,900
Electrical	$37,800	$18,200	$20,700	$19,300
Mechanical	$70,000	$29,000	$32,200	$21,300
Site Enclosure	$16,100			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$431,400**	**$52,100**	**$106,100**	**$64,500**
Importance Code A	$103,300	$8,300	$32,500	$8,300
Importance Code B	$213,300	$43,800	$73,600	$56,200
Importance Code C	$114,700			
Total	**$431,400**	**$52,100**	**$106,100**	**$64,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	4%			LIFE	* *	5	$101,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$303,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Pre-Cast Concrete	2%	Now	$23,700	LIFE	* *	5	$10,600	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : South Facade								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Stucco Cement	1%			2046	* *	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Fifth Floor Roof								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Aluminum	8%	Now	$38,000	2049	* *	5	$2,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Classrooms								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairwell								
Aluminum	87%			2049	* *	5	$43,400	
Metal Louvers	5%			2042	* *	10	$15,600	
Parapets								
Under Construction	100%							
Roof								
Cast in Place Concrete	5%			LIFE	* *	10	$5,900	
Paver: Asphalt	20%			2036	* *	10	$21,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : Repairs In Progress								
Under Construction	75%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$26,400	
Ceramic Tile	3%	Now	$34,100	2036	* *	5	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : 1st Floor Bathrooms								
Quarry Tile	2%	0-2	$5,900	2046	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Sheet Vinyl/Rubber	2%			2038	* *	5	$6,000	
Traffic Topping	15%	Now	$144,200	2033	$1,442,400	5	$18,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Corridors								
Vinyl Tile	8%	0-2	$44,500	2033	$445,300	3	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	65%			2033	$3,618,400	3	$65,500	
Vinyl Tile 9" X 9"	2%			2028	$711,300	3	$2,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$43,600	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Tank Room								
Ceramic Tile	5%	Now	$63,100	2036	* *	5	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Bathrooms								
Gypsum Board	30%	Now	$48,100	LIFE	* *	5	$41,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors								
Masonry: Brick	10%			LIFE	* *	10	$6,900	
Plaster	50%			LIFE	* *	5-10	$97,400	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%			2038	* *	5	$10,100	
AcousTileSusp.Lay-In	25%			2046	* *	5	$50,300	
Exposed Struc: Concrete	5%	Now	$75,400	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Plaster	65%			LIFE	* *	5-10	$224,700	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : Throughout								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%	Now	$16,100	2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fencing								
Explanation : Construction Netting Installed								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk								
Explanation : Sidewalk Shed Installed								
On-Site Walkways								
Asphalt	100%	Now	$416,100	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Play Yard								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Walkways								
Explanation : Sidewalk Shed Installed								
Activity Yard								
Asphalt	100%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$500	
Raceway								
Conduit	30%			2043	* *	1		
Conduit	70%			2033	$170,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	4%			2041	* *	5	$100	
Fused Disc Sw	6%			2032	$14,400	5	$200	
Molded Case Bkrs	70%			2032	$167,600	5	$2,100	
Molded Case Bkrs	20%			2041	* *	5	$600	
Wiring								
Braided Cloth	70%	2-4	$239,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing Of The Building								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$34,400	
Generators								
Diesel	100%			2046	* *	1	$43,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$4,100	
Fuel Storage								
Day Tank	20%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2068	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$98,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2038	* *	10	$100	
LED	2%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	40%			2028	$19,300	1		
Exit, Battery	10%	Now	$15,900	2043	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Exterior Lighting								
HID	15%			2028	$78,300	10	$100	
HID	15%	Now	$78,300	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$41,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$68,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2053	* *	1		
Fuel Oil No 2	60%			2043	* *	5	$20,800	
Natural Gas	30%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%			2033	$69,600	1	$11,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 6 Package Units								
Furnace	10%			2038	* *	1	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Explanation : 1 Unit								
Radiant Heater	10%	0-2	$5,800	2033	$291,200	2	$4,200	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Hallways And Staircases								
Explanation : 26 Electrical Units								
Steam Boiler	60%			2038	* *	1	$66,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	60%			2033	$537,600			
No Component	40%							
Terminal Devices								
Air Handler	15%			2033	$315,800	1	$10,400	
Convector/Radiator	45%			2031	$411,700	1	$16,300	
No Component	40%							
Controls								
Electrical	40%			2028	$248,800			
Pneumatic	60%			2031	$1,297,400			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2033	$563,900	2	$2,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Package Units On New Wing Roof								
Split Unit	15%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Cafeteria Roof								
Explanation : R-410a								
Window/Wall Unit	45%			2028	$190,700	1		
No Component	10%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2038	* *	1	$5,400	
No Component	85%							

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DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Evaporative Condenser	15%			2038	* *	2	$11,700	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$93,800	
Ductwork/Diffusers	5%	0-2	$4,900	LIFE	* *	2-5	$3,100	
Unbalanced System, Extent : Moderate, Area Affected : 20%								
Location : New Wing 2nd And 3rd Floors								
Exhaust Fans								
Interior	50%			2041	* *	2	$1,700	
Roof	30%			2033	$65,100	2	$1,000	
Roof	20%			2041	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Sanitary Piping								
Cast Iron	10%	0-2	$2,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$22,400	4	$3,500	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,900	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2028	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 250 Gallon Units								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2053	* *	1-5	$16,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Explanation : New Wing Only								
Sprinkler								
No Component	70%							
Generic	30%			2053	* *	1-2	$9,400	
Fire Pump								
No Component	70%							
Generic	30%			2036	* *	1	$6,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Explanation : Fire Pump For New Wing								
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 30 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 19 - BX**		
Address	: **4318 KATONAH AVENUE @E. 237-238 STS.**		
Borough	: **BRONX**	**Agency's Number**	: **X019**
Program / Asset #	: **BOE0168.000 / 499**	**Yr Built/Renovated**	: **1925 / 2020**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3386** **Lot** : **1**	**BIN**	: **2019463**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$186,300	$852,500
Interior Architecture	$2,010,600	$881,200
Electrical	$140,400	$479,900
Mechanical	$574,700	$2,712,200
Total	**$2,912,000**	**$4,925,800**
Importance Code A	$186,300	$852,500
Importance Code B	$2,725,700	$4,073,300
Total	**$2,912,000**	**$4,925,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$7,400
Interior Architecture	$24,600	$6,800	$4,000	$52,300
Electrical	$5,000	$2,200	$2,700	$57,200
Mechanical	$88,300	$16,800	$32,600	$26,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$125,800**	**$33,800**	**$47,200**	**$151,600**
Importance Code A	$7,500	$7,500	$7,500	$15,100
Importance Code B	$95,000	$26,300	$39,700	$115,400
Importance Code C	$23,200			$21,100
Total	**$125,800**	**$33,800**	**$47,200**	**$151,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$54,700	
Masonry: Brick	40%			LIFE	* *	5	$56,000	
Masonry: Brick Cavity	40%			LIFE	* *	5	$56,000	
Recent Construction, Extent : N/A, Area Affected : 50%								
Location : New Addition In 2019								
Masonry: Granite	5%			LIFE	* *	5	$5,300	
Masonry: Marble	3%	Now	$117,800	LIFE	* *	5	$3,200	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Main Entrance								
Pre-Cast Concrete	7%			LIFE	* *	5	$31,900	
Recent Construction, Extent : N/A, Area Affected : 7%								
Location : Exterior Wall								
Windows								
Aluminum	50%			2048	* *	5	$14,800	
Aluminum	50%			2057	* *	5	$14,800	
Recent Construction, Extent : N/A, Area Affected : 50%								
Location : New Addition 2019								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$2,000	
Concrete Masonry Unit	25%			LIFE	* *	5	$3,700	
Recent Construction, Extent : N/A, Area Affected : 20%								
Location : New Addition 2019								
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Roof Side Of New Parapet Wall								
Explanation : Covered With Roofing								
Masonry: Brick	40%			LIFE	* *	5	$5,200	
Masonry: Brick	25%			LIFE	* *	5	$3,200	
Recent Construction, Extent : N/A, Area Affected : 25%								
Location : New Addition 2019								
Pre-Cast Concrete	3%			LIFE	* *	5	$2,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,100	
Recent Construction, Extent : N/A, Area Affected : 5%								
Location : New Addition 2019								
Roof								
IRMA/Protected Membrane	48%	Now	$68,600	2032	$685,700			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaza Roof: Stone Panels	50%			2062	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : New Addition 2019								
Explanation : New Roof								
Skylight, Metal/Glass	2%			2052	* *	10	$4,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$24,900	
Ceramic Tile	2%			2035	* *	5	$2,300	
Ceramic Tile	3%			2047	* *	5	$3,400	
Recent Installation, Extent : N/A, Area Affected : 3% *Location : Toilets In New Addition 2019*								
Marble Panels	2%			LIFE	* *	5	$1,700	
Vinyl Tile	28%			2032	$881,200	3	$12,000	
Vinyl Tile	40%			2040	* *	3	$17,100	
Recent Construction, Extent : N/A, Area Affected : 40% *Location : New Addition 2019*								
Vinyl Tile 9" X 9"	10%			2027	$2,010,600	3	$5,700	
Wood	5%			2072	* *	5	$10,700	
Recent Installation, Extent : N/A, Area Affected : 5% *Location : New Addition Gymnasium*								
Interior Walls								
Ceramic Tile	2%	Now	$23,200	2035	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Boys Restrooms And Mens Room 3rd Floor*								
Ceramic Tile	20%			2047	* *	5	$42,200	
Recent Construction, Extent : N/A, Area Affected : 10% *Location : New Addition 2019*								
Gypsum Board	10%			LIFE	* *	5	$12,700	
Recent Construction, Extent : N/A, Area Affected : 15% *Location : New Addition 2019*								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$34,800	
Ceilings								
AcousTileSusp.Lay-In	40%			2052	* *	5	$45,600	
Recent Construction, Extent : N/A, Area Affected : 40% *Location : New Addition 2019*								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,800	
Exposed Struc: Steel	5%			LIFE	* *			
Recent Construction, Extent : N/A, Area Affected : 5% *Location : New Construction 2019*								
Gypsum Board	10%			LIFE	* *	5	$14,200	
Recent Construction, Extent : N/A, Area Affected : 10% *Location : New Addition 2019*								
Plaster	35%			LIFE	* *	5	$24,900	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2058	* *			
Iron Picket	50%			2076	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2045	* *			
Masonry: Marble	5%			LIFE	* *	5		
Activity Yard								
Asphalt	95%			2045	* *			
Rubber Matting	5%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	55%			2032	$24,900	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1200 Ampere Main Disconnect Switch For The Old Wing								
Fused Disc Sw	45%			2062	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch For New Wing								
Switchgear / Switchboard								
Fused Disc Sw	55%			2032	$125,200	5	$200	
Fused Disc Sw	45%			2062	* *	5	$200	
Raceway								
Conduit	55%			2032	$111,000	1		
Conduit	45%			2062	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Disc Sw	4%			2057	* *	5	$100	
Fused Knife Sw	1%	2-4	$2,400	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Old Wing								
Molded Case Bkrs	50%			2031	$119,700	5	$1,100	
Molded Case Bkrs	40%			2057	* *	5	$900	
Wiring								
Braided Cloth	35%	2-4	$102,100	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building Old Wing								
Thermoplastic	20%			2032	$58,300	1		
Thermoplastic	45%			2062	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	55%			2030	$65,700	5	$300	
Variable Frequency Drive	45%			2052	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$600	
Generic	50%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	55%			2040	* *	10	$38,400	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Old Wing Explanation : T-8 Lamps								
LED	45%			2042	* *			
Egress Lighting								
Emergency, Battery	30%			2027	$38,300	10	$5,500	
Emergency, Battery	20%			2042	* *	10	$3,700	
Exit, LED	20%			2072	* *	1		
Exit, Service	30%			2032	$9,800	1		
Exterior Lighting								
HID	10%			2027	$40,100	10		
No Component	80%							
Under Construction	10%							
Alarm								
Security System								
No Component	80%							
Generic	5%			2032	$8,100	1	$1,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside Old Wing Explanation : CCTV Surveillance System								
Generic	5%			2042	* *	1	$1,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside New Wing Explanation : CCTV Surveillance Cameras								
Generic	5%			2027	$8,100	1	$1,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Hallways And Exit Doors Old Wing Explanation : Intrusion Alarm And Motion Sensor								
Generic	5%			2042	* *	1	$1,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Hallways And Exit Doors New Wing Explanation : Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2042	* *	1-3	$16,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2062	* *	1		
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Penthouse, New Building								
Interruptible Gas/Dual Fuel	50%			2042	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Building. Basement								
Explanation : 1 Tank 7500 Gallons								
Conversion Equipment								
Steam Boiler	50%			2037	* *	1	$37,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	50%			2052	* *	1	$37,700	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Penthouse. New Building								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$42,800	2032	$2,140,200	4	$3,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement, Old Building. Leaking Vacuum Pump								
Terminal Devices								
Air Handler	40%			2042	* *	1	$18,800	
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : Roof.								
Other Observation, Extent : N/A, Area Affected : 40%								
Location : Roof. New Building								
Explanation : Rooftop Package Units								
Convector/Radiator	40%			2030	$248,900	1	$9,800	
Fan Coil Unit/Heat	20%			2027	$377,400	1	$4,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	30%			2047	* *	1	$24,700	
Recent Installation, Extent : N/A, Area Affected : 30%								
Location : Roof. New Building								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof. New Building								
Explanation : 2 Air Cooled Chillers, R-134a Units								
Split Unit	5%			2042	* *			
Recent Installation, Extent : N/A, Area Affected : 5%								
Location : Roof. New Building								
Window/Wall Unit	45%			2027	$129,700	1		
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2042	* *	2	$53,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof. New Building								
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$21,200	
Ductwork Stainless Steel	50%			LIFE	* *			
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : New Building								
Exhaust Fans								
Interior	20%			2027	$67,500	2	$500	
Roof	40%			2042	* *	2	$900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof. New Building								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2042	* *	1		
Brass/Copper	40%			2062	* *	1		
Recent Installation, Extent : N/A, Area Affected : 40%								
Location : Throughout. New Building								
Galvanized Steel	30%			2030	$291,500	1		
Water Heater With Tanks								
Gas Fired	50%			2031	$8,500	2		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Install 3 Years Ago In The Basement								
Gas Fired	50%			2032	$8,500	2		
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Penthouse New Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : New Building								
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : New Building								
Sump Pump(s)								
Non-Submersible	100%	Now	$17,200	2042	* *	4	$1,800	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Boiler Room. Old Building								
Explanation : On Extended Life, And Extensive Leaking								
Backflow Preventer								
Generic	100%			2042	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : New Building								
Explanation : 2 Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2062	* *	1-5	$38,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Building								
Sprinkler								
No Component	47%							
Generic	3%			2032	$31,600	1-2	$600	
Other Observation, Extent : N/A, Area Affected : 3%								
Location : Old Building.								
Explanation : Basement And Storage Area								
Generic	50%			2062	* *	1-2	$10,700	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : New Building								
Fire Pump								
No Component	50%							
Generic	50%			2047	* *	1	$7,100	
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : New Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 190 - BK**		
Address	: **590 SHEFFIELD AVENUE (NEAR RIVERDALE AVE.)**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K190**
Program / Asset #	: **BOE0485.000 / 1319**	**Yr Built/Renovated**	: **1924 / 2011**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3838** **Lot** : **18**	**BIN**	: **3085491**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$121,300	$149,900
Interior Architecture	$163,000	$815,800
Electrical	$169,500	$1,992,900
Mechanical	$177,300	$1,611,400
Total	**$631,200**	**$4,570,000**
Importance Code A	$121,300	$149,900
Importance Code B	$509,900	$4,420,100
Total	**$631,200**	**$4,570,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$35,000			$10,700
Interior Architecture	$46,200	$19,600		$3,700
Electrical	$8,000	$19,000	$8,600	$52,400
Mechanical	$73,200	$13,600	$20,200	$68,900
Site Enclosure	$8,800			
Site Pavements	$16,400			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$197,500**	**$62,100**	**$38,600**	**$145,500**
Importance Code A	$42,700	$7,700	$7,700	$18,600
Importance Code B	$129,600	$51,200	$30,900	$126,900
Importance Code C	$25,200	$3,200		
Total	**$197,500**	**$62,100**	**$38,600**	**$145,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$25,700	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$40,200	
Masonry: Brick	80%			LIFE	* *	5	$82,400	
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Metal Panel	5%			2052	* *	5-10	$35,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : At Bulkheads								
Windows								
Wood	90%			2040	* *	5	$135,100	
Wood	10%	Now	$35,000	2048	* *	5	$7,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,400	
Masonry: Brick	85%			LIFE	* *	5	$9,600	
Metal: Cage/Fence	2%			2037	* *	5-10	$1,800	
Weathering Steel	8%			LIFE	* *	1		
Roof								
Modified Bitumen	95%			2037	* *	10	$53,800	
Plaza Roof: Stone Panels	5%			2052	* *			
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$18,100	
Ceramic Tile	3%			2035	* *	5	$3,500	
Quarry Tile	5%			2045	* *	5	$8,900	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	25%	0-2	$16,300	2032	$815,800	3	$11,100	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%			2037	* *	3	$22,100	
Wood	5%	2-4	$17,600	2060	* *	5	$5,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2035	* *	5	$6,400	
Concrete Masonry Unit	2%			LIFE	* *	5	$1,700	
Gypsum Board	20%			LIFE	* *	5	$25,400	
Marble Panels	2%			LIFE	* *			
Plaster	68%			LIFE	* *	5	$43,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$163,000	2052	* *	5	$10,600	
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Corridors, Cafeteria								
AcousTileSusp.Lay-In	5%			2045	* *	5	$5,600	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$14,100	
Corrosion/Rusting, Extent : Severe, Area Affected : 2%								
Location : Elevator Room Leaks Rusting Structure								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Kitchen Room Stroage, Basement Workshop Active Leaks, South Side Air Shaft								
Plaster	70%			LIFE	* *	5	$49,200	
Site Enclosure								
Fence/Gates								
Chain Link	80%	2-4	$8,800	2052	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard								
Iron Picket	20%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$1,100	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Curbs At Americans With Disabilities Act Ramps At Main Entrance								
Parking/Driveway								
Asphalt	100%	2-4	$15,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Parking Area And By Dumpsters								
Activity Yard								
Rubber Matting	100%			2037	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Set At Rear Yard								
Explanation : This Is Really A Fluid Applied Rubber Safety Matting								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	90%			2031	$161,700	5	$1,800	
Wiring								
Thermoplastic	100%			2032	$199,600	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$24,000	
Generators								
Diesel	100%			2035	* *	1	$30,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 150 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$17,400	
Fuel Storage								
Main Tank	100%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2032	$1,104,600	10	$68,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	30%			2027	$109,200	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$43,900	1	$8,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Intrusion Alarm System Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$60,400	1-3	$14,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Cafeteria, Gymnasium, Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$77,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$37,500	2042	* *			
Corroded, Extent : Light, Area Affected : 20%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Fan Room								
Obsolete Equipment, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pumps, Basement								
Steam Piping/Pump	90%			2042	* *			
Terminal Devices								
Air Handler	75%			2032	$1,100,900	1	$36,200	
Convector/Radiator	25%			2037	* *	1	$6,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%			2027	$42,800	2	$200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units								
Window/Wall Unit	60%	0-2	$17,700	2027	$177,300	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2032	$311,300	2	$2,200	
Roof	10%			2032	$15,100	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$199,200	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$15,600	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2032	$40,800	4	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : One Unit								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$40,800	
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,100	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 191 - BK**		
Address	: **1600 PARK PLACE BTWN BUFFALO AVE - RALPH AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K191**
Program / Asset #	: **BOE0486.000 / 2**	**Yr Built/Renovated**	: **1938 / 2000**
Area Sq Ft	: **88,485**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **1375** **Lot** : **12**	**BIN**	: **3036635**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$736,200	$162,000
Interior Architecture	$867,900	$3,797,700
Electrical	$490,800	$958,000
Mechanical		$3,913,000
Total	**$2,095,000**	**$8,830,700**
Importance Code A	$736,200	$933,300
Importance Code B	$707,200	$7,897,400
Importance Code C	$651,500	
Total	**$2,095,000**	**$8,830,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,700	$21,600		
Interior Architecture	$41,400		$3,300	$16,200
Electrical	$25,800	$8,300	$8,600	$10,900
Mechanical	$172,800	$16,000	$19,600	$15,000
Site Pavements	$21,300			
Total	**$308,100**	**$45,800**	**$31,500**	**$42,000**
Importance Code A	$77,300	$30,300	$8,800	$8,800
Importance Code B	$230,800	$15,500	$22,700	$29,500
Importance Code C				$3,800
Total	**$308,100**	**$45,800**	**$31,500**	**$42,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%	Now	$479,400	LIFE	* *	5	$110,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 427, 421a, 401, 210								
Masonry: Granite	5%	0-2	$27,100	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	15%	0-2	$162,500	LIFE	* *	5	$15,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2055	* *	5	$43,100	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$110,500	
Masonry: Limestone	10%			LIFE	* *	5-10	$21,900	
Roof								
Modified Bitumen	100%			2038	* *	10	$51,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,000	
Ceramic Tile	5%			2036	* *	5	$6,600	
Terrazzo	5%			LIFE	* *	5	$10,300	
Vinyl Tile	70%	Now	$51,200	2033	$2,561,100	3	$34,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%			2033	$1,168,700	3	$3,300	
Wood	10%			2048	* *	5	$24,800	
Interior Walls								
Cast in Place Concrete	7%	Now	$133,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Custodial Help Room In Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electric Room								
Ceramic Tile	3%			2042	* *	5	$7,500	
Masonry: Brick	10%	Now	$238,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads And Penthouse								
Plaster	55%	Now	$167,500	LIFE	* *	5	$41,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms And Stairwells								
SGFT/Glazed Masonry	25%	Now	$112,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$24,000	
Plaster	85%	Now	$165,100	LIFE	* *	5	$67,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 427, 421a And 401								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	80%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	55%			2042	* *			
Cast in Place Concrete	35%			2046	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	60%			2042	* *			
Cast in Place Concrete	40%			2046	* *			
Activity Yard								
Rubber Matting	20%			2038	* *			
Traffic Topping	80%	0-2	$21,300	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings Capacity. Sign Of Water Penetration Through The Walls								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	95%			2033	$191,700	1		
Conduit	5%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Knife Sw	5%	2-4	$12,000	2058	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	5%			2049	* *	5	$100	
Molded Case Bkrs	85%			2032	$203,600	5	$2,000	
Wiring								
Braided Cloth	90%	2-4	$262,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	75%			2031	$89,600	5	$400	
Locally Mounted	25%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,300	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$79,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2038	* *	10		
LED	1%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$10,700	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2038	* *	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$166,100	1	$33,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$228,200	2043	* *	1-3	$49,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells, Manual Pull Stations Only.								

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DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	40%	0-2	$1,600	2033	$82,300	5	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Leaky Fuel Oil Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground Vault In School Yard								
Explanation : One 100,000 Gallon Oil Tank								
Fuel Oil No 4	60%			2033	$123,500	5	$16,400	
Conversion Equipment								
Steam Boiler	15%	0-2	$23,100	2031	$115,700	1	$11,800	
Corroded, Extent : Severe, Area Affected : 60%								
Location : Unit No.3								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : No. 3 Burner Leaks Oil								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Steam Boilers								
Steam Boiler	85%			2031	$655,600	1	$74,500	
Distribution								
Steam Piping/Pump	30%	0-2	$42,500	2033	$212,600			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return Lines								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : The Vacuum Pump Next To Auditorium Blower In Basement.								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Steam Piping/Pump	70%			2033	$496,000			
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Steam And Condensate Piping Are Beyond Their Useful Life Cycle Rating								
Terminal Devices								
Air Handler	20%			2028	$333,000	1	$10,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Air Handlers In Basement Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	60%			2031	$434,100	1	$17,200	
Fan Coil Unit/Heat	20%			2028	$438,800	1	$5,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms. Unit Ventilators Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$201,100	1		
No Component	40%							

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DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,100	
Exhaust Fans								
Interior	100%			2028	$392,400	2	$2,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$22,600	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Causing Low Water Pressure On 3rd Floor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Piping Is Beyond Its Useful Life Cycle Rating								
HW Heat Exchanger								
Steam Fired	15%	0-2	$12,800	2033	$64,200	4	$1,300	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Hot Water Heat Exchanger Is Beyond Its Useful Life Cycle Rating								
Steam Fired	85%			2033	$363,700	4	$11,200	
Sanitary Piping								
Cast Iron	6%	0-2	$13,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Cross Bay Area								
Cracked, Extent : Severe, Area Affected : 5%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Is Beyond Useful Life Cycle Rating								
Cast Iron	94%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$15,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Rooms 405, 305								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Piping Is Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Submersible	100%			2027	$2,700	4	$2,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Bathrooms, Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$36,700	1-2	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 191 - Q**				
Address	: **85-15 258 STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q191**
Program / Asset #	: **BOE0832.000 / 1521**			**Yr Built/Renovated**	: **1954 / 2000**
Area Sq Ft	: **68,800**			**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jan-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2**				
Block	: **8801**	**Lot**	: **14**	**BIN**	: **4180083**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$162,000	$284,400
Interior Architecture	$144,400	$422,200
Electrical	$119,800	$495,100
Mechanical		$1,356,600
Site Enclosure	$55,000	
Site Pavements	$815,800	
Total	**$1,296,800**	**$2,558,300**
Importance Code A	$162,000	$884,000
Importance Code B	$635,300	$1,674,300
Importance Code C	$499,500	
Total	**$1,296,800**	**$2,558,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,100			
Interior Architecture	$113,500		$19,700	$4,500
Electrical	$10,800	$6,400	$7,900	$6,600
Mechanical	$32,900	$10,100	$17,900	$15,200
Site Enclosure	$44,900			
Site Pavements				
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$252,000**	**$20,500**	**$49,500**	**$30,200**
Importance Code A	$52,900	$6,800	$6,800	$6,800
Importance Code B	$97,700	$13,700	$42,700	$23,400
Importance Code C	$101,500			
Total	**$252,000**	**$20,500**	**$49,500**	**$30,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$216,400	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Repoint Facades								
Masonry: Limestone	5%			LIFE	* *	5	$8,500	
Windows								
Aluminum	98%			2049	* *	5	$16,600	
Steel	2%	Now	$25,500	2058	* *	5	$2,100	
Glazing Broken/Cracked, Extent : Severe, Area Affected : 50%								
Location : Bulkhead Windows								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Stair Bulkhead Windows								
Parapets								
Masonry: Brick	87%			LIFE	* *	5-10	$63,000	
Recent Repair Evident, Extent : N/A, Area Affected : 80%								
Location : Repoint And Replace Masonry Units								
Metal Security Bars	3%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Explanation : Install New Security Bars								
Pre-Cast Concrete	10%			LIFE	* *	5	$13,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet Copings								
Roof								
Modified Bitumen	100%			2043	* *	10	$176,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roof Areas								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$2,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,600	
Ceramic Tile	5%			2042	* *	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$8,000	
Vinyl Tile	15%			2033	$422,200	3	$7,600	
Vinyl Tile	55%			2038	* *	3	$21,000	
Wood	10%			2048	* *	5	$19,100	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$21,600	
Glazed Ceramic Panel	5%			LIFE	* *	10	$12,100	
Plaster	60%			LIFE	* *	5-10	$137,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$33,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$6,500	2046	* *	5	$5,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
AcousTileConcealSpLn	20%			2046	* *	5	$25,400	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$63,400	
Plaster	20%			LIFE	* *	5-10	$34,900	
Site Enclosure								
Fence/Gates								
Chain Link	40%	Now	$55,000	2063	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Impact Damage, Extent : Severe, Area Affected : 10%								
Location : Small Play Yard								
Iron Picket	60%	4+	$44,900	2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 80%								
Location : Various								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$62,900	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$355,700	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	95%	Now	$397,200	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Rubber Matting	5%			2033	$24,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2063	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2063	* *	5	$300	
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2063	* *	1		
Panelboards								
Fused Disc Sw	2%			2058	* *	5		
Fused Disc Sw	8%			2032	$14,400	5	$100	
Molded Case Bkrs	80%			2058	* *	5	$1,500	
Molded Case Bkrs	10%			2032	$18,000	5	$200	
Wiring								
Braided Cloth	60%	2-4	$119,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$39,900	1		
Thermoplastic	20%			2063	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	$107,500	5	$400	
Locally Mounted	10%			2050	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2041	* *	10	$61,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	30%			2041	* *	10	$5,000	
Emergency, Battery	20%			2028	$23,100	10	$3,300	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$129,200	1	$25,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$42,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Strobe Lights, Alarm Bells, Smoke Detectors, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$160,000	5	$21,300	
Conversion Equipment								
Steam Boiler	100%			2031	$599,700	1	$68,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$3,400	
Terminal Devices								
Air Handler	30%			2033	$388,400	1	$12,800	
Convector/Radiator	70%			2038	* *	1	$15,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$208,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,700	
Exhaust Fans								
Interior	90%			2038	* *	2	$1,900	
Roof	10%			2028	$13,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$6,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,500	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,700	
Backflow Preventer								
Generic	100%			2041	* *	1	$4,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement To 1st Floor								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 192 - BK**		
Address	: **4715 18 AVENUE BTWN: 47 ST., 48 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K192**
Program / Asset #	: **BOE0487.000 / 1320**	**Yr Built/Renovated**	: **1924 / 2011**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5445** **Lot** : **1**	**BIN**	: **3128909**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$606,700
Interior Architecture	$6,411,500	$2,508,500
Electrical	$584,400	$288,100
Mechanical	$660,000	$1,313,200
Total	**$7,655,900**	**$4,716,500**
Importance Code A		$606,700
Importance Code B	$7,433,100	$3,861,500
Importance Code C	$222,800	$248,300
Total	**$7,655,900**	**$4,716,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$8,600	$43,400	
Interior Architecture	$32,100			$11,200
Electrical	$2,900	$80,800	$3,100	$2,300
Mechanical	$48,000	$27,600	$17,700	$10,500
Site Enclosure	$6,100			
Total	**$89,000**	**$117,000**	**$64,200**	**$23,900**
Importance Code A	$7,500	$16,300	$50,900	$7,500
Importance Code B	$75,400	$100,700	$13,300	$16,400
Importance Code C	$6,100			
Total	**$89,000**	**$117,000**	**$64,200**	**$23,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$26,200	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$40,900	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$89,100	
Painted Surfaces, Extent : Moderate, Area Affected : 40%								
Location : Elevations Facing Rear Yard								
Recent Repair Evident, Extent : N/A, Area Affected : 40%								
Location : Throughout								
Metal Panel	5%			2056	* *	5-10	$36,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Mechanical Penthouse								
Windows								
Aluminum	95%			2046	* *	5	$34,400	
Glass Block	5%			LIFE	* *	5	$1,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,000	
Masonry: Brick	73%			LIFE	* *	5	$8,500	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%			2050	* *	5	$2,300	
Metal Rail	2%			2043	* *	5-10	$4,200	
Metal: Cage/Fence	10%			2035	* *	5-10	$9,000	
Roof								
Built-Up (BUR)	70%			2030	$363,000	10	$31,100	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Adjacent To Parapets								
Modified Bitumen	5%			2035	* *	10	$2,200	
Paver: Asphalt	25%			2033	$154,600	10	$16,700	
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Perimeter Area Of Lower Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,500	
Ceramic Tile	3%			2039	* *	5	$3,400	
Quarry Tile	2%			2043	* *	5	$3,400	
Terrazzo	2%			LIFE	* *	5	$1,800	
Vinyl Tile	48%	2-4	$30,400	2030	$1,519,500	3	$20,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%	Now	$121,300	2025	$6,067,400	3	$12,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors And Various Classrooms								
Wood	10%			2033	$683,500	5	$21,500	
Interior Walls								
Cast in Place Concrete	15%	Now	$171,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gas Meter Room								
Ceramic Tile	3%			2033	$248,300	5	$4,500	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	70%	Now	$51,200	LIFE	* *	5	$31,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,700	
Gypsum Board	5%			LIFE	* *	5	$7,200	
Plaster	80%			LIFE	* *	5	$57,300	
Site Enclosure								
Fence/Gates								
Chain Link	65%			2040	* *			
Iron Picket	35%	4+	$6,100	2050	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Northwest Corner								
Retaining Walls								
Masonry: Brick	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Areaways								
Explanation : Cement Stucco Finish								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	55%			2033				
Pavers/Stone	5%			2039	* *			
Rubber Matting	20%			2035	* *			
No Component	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Activity Yard								
Explanation : This Is Actually Artificial Grass Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2040	* *	5	$100	
Molded Case Bkrs	80%			2040	* *	5	$1,600	
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	30%			2046	* *	5	$600	
Molded Case Bkrs	60%			2029	$107,800	5	$1,200	
Wiring								
Braided Cloth	30%	2-4	$59,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Thermoplastic	50%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	72%			2038	* *	10	$50,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : T-8 Lamps Installed In 2015.								
Fluorescent	15%			2025	$169,900	10	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2025	$27,000	10	$100	
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Playrooms								
Explanation : LED Installed In Playrooms In 2015.								
Egress Lighting								
Emergency, Service	50%			2025	$23,400	1		
Exit, Service	50%			2025	$16,400	1		
Exterior Lighting								
HID	100%			2025	$354,600	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$28,500	1	$5,700	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2035	* *	1-3	$18,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using No. 2 Oil								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$75,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$12,200	2040	* *			
Corroded, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Boiler Feed Pumps								
Terminal Devices								
Air Handler	20%			2025	$286,000	1	$9,400	
Convector/Radiator	80%			2035	* *	1	$19,600	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2025	$90,200			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Computer Room								
Explanation : New Unit Under Construction, Existing Unit Is Running Until New Unit Is Completed.								
Window/Wall Unit	40%	Now	$5,800	2024	$115,200	1		
Broken, Extent : Moderate, Area Affected : 30%								
Location : Classrooms								
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	100%	Now	$168,500	2030	$337,100	2	$1,900	
Unit Inoperable, Extent : Severe, Area Affected : 70%								
Location : 2 Obsolete Units In Penthouse And 3rd Floor And Inadequate House Exhaust In Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$19,500	2030	$976,100	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Water Main In Crawl Space								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,200	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$31,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 192 - M**			
Address	:	**500 WEST 138 STREET @ HAMILTON PL.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M192**
Program / Asset #	:	**BOE0115.000 / 1637**	**Yr Built/Renovated**	:	**1952 / 1997**
Area Sq Ft	:	**100,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**15-Dec-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,Ph**			
Block	:	**1988** **Lot** : **200**	**BIN**	:	**1059815**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$373,900	$1,659,200
Interior Architecture	$1,792,700	$13,081,000
Electrical		$1,234,000
Mechanical	$966,300	$2,716,300
Site Enclosure	$159,100	
Site Pavements	$491,800	$170,600
Total	**$3,783,800**	**$18,861,200**
Importance Code A	$373,900	$1,659,200
Importance Code B	$2,451,400	$17,202,000
Importance Code C	$958,600	
Total	**$3,783,800**	**$18,861,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$75,100		$20,600	
Interior Architecture	$101,200		$12,100	$15,100
Electrical	$12,800	$9,300	$9,800	$12,200
Mechanical	$77,500	$14,400	$21,500	$14,400
Site Enclosure	$17,000			
Site Pavements	$42,500			
Total	**$326,100**	**$23,800**	**$63,900**	**$41,800**
Importance Code A	$92,500	$9,900	$30,500	$9,900
Importance Code B	$163,000	$13,900	$33,500	$31,900
Importance Code C	$70,500			
Total	**$326,100**	**$23,800**	**$63,900**	**$41,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%	2-4	$6,700	LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium Window Detail								
Masonry: Brick	95%	2-4	$128,000	LIFE	* *	5	$77,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Auditorium								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Chimney								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	3%	0-2	$19,300	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$185,000	2041	* *	5	$9,700	
Glazing Clouded, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	88%			LIFE	* *	5-10	$71,300	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Above Auditorium And Throughout								
Masonry: Limestone	2%			LIFE	* *	5-10	$2,900	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Above Auditorium								
Metal Rail	10%			2031	$79,500	5-10	$21,400	
Roof								
Built-Up (BUR)	10%	2-4	$46,500	2033	$155,000			
Cracking/Crumbling, Extent : Moderate, Area Affected : 75%								
Location : Auditorium								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Above Auditorium								
Metal Panel	5%			2046	* *	10	$12,200	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Above Gymnasium								
Modified Bitumen	85%			2033	$1,234,000	10	$112,900	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$68,400	LIFE	* *	5	$35,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Gymnasium Spectator Seating Stair								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Ceramic Tile	3%	Now	$27,200	2036	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Poured Epoxy/Resin	2%			2032	$180,100			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Science Room								
Explanation : Location Observed								
Terrazzo	2%	2-4	$6,000	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout								
Vinyl Tile	35%	0-2	$155,400	2033	$1,554,000	3	$21,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Uneven Substrate, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	Now	$567,300	2033	$11,346,900	3	$24,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	8%			2061	* *	5	$24,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Library								
Explanation : Location Observed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$23,000	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Throughout Basement								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$25,300	2036	* *	5	$4,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Toilets								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout Toilets								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,400	
Masonry: Brick	5%	Now	$87,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement, Paint Room								
Plaster	55%	4+	$245,900	LIFE	* *	5	$30,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Auditorium, Exit And Throughout								
SGFT/Glazed Masonry	25%	4+	$82,600	LIFE	* *			
Horizontal Cracks, Extent : Light, Area Affected : 2%								
Location : First Floor Corridor								
Ceilings								
AcousTile,Adhered	25%	0-2	$64,700	2038	* *	5	$20,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	25%	0-2	$301,100	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Exposed Struc: Steel	5%			LIFE	* *	10	$16,100	
Plaster	45%	2-4	$220,000	LIFE	* *	5	$45,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Auditorium								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%	4+	$50,800	2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	23%	2-4	$17,000	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Fieldstone	2%			2043	* *			
Retaining Walls								
Cast in Place Concrete	30%	Now	$108,200	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout West Side								
Masonry: Fieldstone	70%			2059	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Repairs Evident								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$32,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Asphalt	10%	Now	$500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	90%	Now	$1,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North And South Stairs, South Walkway								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	50%	Now	$317,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	50%	Now	$173,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	75%			2038	* *			
Rubber Matting	25%	0-2	$8,500	2033	$170,600			
Ponding, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch For Main Building								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches For Mini Building								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	70%			2033	$141,200	1		
Conduit	30%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Fused Knife Sw	5%			2032	$12,000	5	$100	
Fused Toggle Switch	5%			2032	$12,000	5	$100	
Molded Case Bkrs	70%			2032	$167,600	5	$1,800	
Molded Case Bkrs	10%			2049	* *	5	$300	
Wiring								
Braided Cloth	60%			2032	$175,000	1		
Thermoplastic	40%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$88,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2033	$14,900	10	$900	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Library								
Fluorescent	1%			2033	$14,900	10	$900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$67,100	10	$9,700	
Exit, Service	45%			2028	$19,400	1		
Exit, Battery	5%			2033	$7,100	10	$300	
Exterior Lighting								
HID	10%			2038	* *	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$187,700	1	$37,400	
Fire/Smoke Detection								
Generic, Analog	70%			2028	$180,600	1-3	$44,400	
Generic, Digital	30%			2033	$77,400	1-3	$19,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detection System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank 5,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	4+	$17,400	2046	* *	1	$89,100	
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Boiler Cannot Run On Gas								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2033	$376,400	1	$12,400	
Convector/Radiator	80%			2038	* *	1	$25,800	
Controls								
Digital	50%			2028	$1,436,000			
Pneumatic	50%			2027	$966,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	15%			2038	* *			
Window/Wall Unit	60%			2028	$227,300	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,300	
Exhaust Fans								
Interior	95%			2033	$421,300	2	$2,900	
Roof	5%			2033	$9,700	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$255,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	50%	0-2	$23,600	2033	$23,600	4		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Bottom Of The Unit In The Kitchen								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 30 Gallon Unit. Quantity 1								
Electric	50%			2031	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 50 Gallon Unit. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 192 - M MINISCHOOL**
Address : **500 WEST 138 STREET @ HAMILTON PL**
Borough : **MANHATTAN** | **Agency's Number** : **M848**
Program / Asset # : **BOE0115.010 / 453** | **Yr Built/Renovated** : **1986 /**
Area Sq Ft : **10,500** | **Project Type** : **EDUCATION**
Date of Survey : **15-Dec-2021** | **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **1988** **Lot** : **200** **BIN** : **1059815**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$250,500	
Interior Architecture	$198,700	
Mechanical		$227,300
Site Pavements	$52,700	
Total	**$501,900**	**$227,300**
Importance Code A	$250,500	
Importance Code B	$198,700	$227,300
Importance Code C	$52,700	
Total	**$501,900**	**$227,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$600		$1,300	
Interior Architecture	$8,500	$7,300		$1,800
Electrical	$1,200	$1,000	$1,000	$1,300
Mechanical	$4,000	$700	$1,400	$700
Total	**$14,300**	**$9,100**	**$3,600**	**$3,800**
Importance Code A	$1,100	$500	$1,800	$500
Importance Code B	$9,200	$8,500	$1,800	$3,300
Importance Code C	$3,900			
Total	**$14,300**	**$9,100**	**$3,600**	**$3,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M MINISCHOOL

Asset # : 453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	$600	LIFE	* *	5	$2,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Metal Panel	97%	0-2	$52,900	2043	* *	5	$29,900	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Northeast Corner And Throughout								
Windows								
Aluminum	100%			2041	* *	5	$2,500	
Roof								
Metal Panel	100%	2-4	$142,800	2038	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Soffits								
Metal Panel	100%	0-2	$54,800	2043	* *	5	$6,500	
Corrosion/Rusting, Extent : Light, Area Affected : 75%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	4+	$1,400	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Mechanical Room								
Ceramic Tile	5%	0-2	$2,300	2036	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Entry Vestibule								
Vinyl Tile	90%	2-4	$198,700	2038	* *	3	$5,400	
Worn/Eroded, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Interior Walls								
Gypsum Board	100%	Now	$3,900	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Rooms								
Ceilings								
AcousTileSusp.Lay-In	95%			2050	* *	5	$14,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$1,900	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Mechanical Room								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M MINISCHOOL

Asset # : 453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$52,700	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch Served From Main Asset M192								
Raceway								
Conduit	100%			2033	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,000	5		
Molded Case Bkrs	95%			2032	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2033	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$9,000	10	$1,300	
Exit, Battery	50%			2033	$7,600	10	$400	
Exterior Lighting								
HID	10%			2038	* *	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$19,700	1	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Connected To Main Asset M196								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$27,100	1-3	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Connected To Main Asset M196								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M MINISCHOOL

Asset # : 453

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2033	$33,200	1	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Controls								
Electrical	100%			2028	$58,400			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2031	$168,900	2	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,400	
Exhaust Fans								
Interior	90%			2033	$42,600	2	$300	
Roof	10%			2033	$2,100	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 100 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 193 - BK**		
Address	: **2515 AVENUE L @ BEDFORD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K193**
Program / Asset #	: **BOE0488.000 / 3**	**Yr Built/Renovated**	: **1924 / 2006**
Area Sq Ft	: **96,767**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **7625** **Lot** : **1**	**BIN**	: **3208461**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$548,100	$217,000
Interior Architecture	$543,300	$127,400
Electrical	$497,600	$1,179,000
Mechanical		$2,353,100
Total	**$1,589,000**	**$3,876,500**
Importance Code A	$548,100	$217,000
Importance Code B	$828,700	$3,603,400
Importance Code C	$212,200	$56,100
Total	**$1,589,000**	**$3,876,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$70,200			
Interior Architecture	$183,200		$6,700	$500
Electrical	$5,100	$9,000	$9,400	$12,000
Mechanical	$22,800	$14,200	$15,600	$13,200
Site Enclosure	$4,500			
Site Pavements	$1,800			
Total	**$287,600**	**$23,300**	**$31,700**	**$25,700**
Importance Code A	$79,700	$9,600	$9,600	$9,600
Importance Code B	$180,300	$13,700	$22,100	$16,200
Importance Code C	$27,600			
Total	**$287,600**	**$23,300**	**$31,700**	**$25,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	1%			LIFE	* *	5	$1,800	
Masonry: Brick	80%	Now	$475,700	LIFE	* *	5	$115,600	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : North Side								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Side Above Windows								
Masonry: Granite	6%			LIFE	* *	5	$13,000	
Masonry: Limestone	6%			LIFE	* *	5	$13,000	
Metal Panel	7%			2053	* *	5-10	$69,500	
Windows								
Aluminum	100%	Now	$42,900	2049	* *	5	$22,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Staircase								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5-10	$7,600	
Masonry: Brick	93%			LIFE	* *	5-10	$84,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior Of Parapet								
Explanation : Liquid Applied Waterproofing Painted On								
Pre-Cast Concrete	5%			LIFE	* *	5	$8,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior Of Parapet								
Explanation : Liqiud Applied Waterproofing Painted On								
Roof								
Built-Up (BUR)	100%			2038	* *	10	$50,900	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$7,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$63,400	
Ceramic Tile	5%	2-4	$40,800	2036	* *	5	$3,600	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Marble Panels	5%	4+	$31,800	LIFE	* *	5	$5,400	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Quarry Tile	5%			2038	* *	5	$10,900	
Terrazzo	5%	0-2	$33,900	LIFE	* *	5	$5,700	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance And 2nd Floor								
Vinyl Tile	37%			2038	* *	3	$20,100	
Vinyl Tile 9" X 9"	3%	Now	$76,700	2043	* *	3	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Various Locations On 3rd Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Various Locations On 3rd Floor								
Wood	30%	4+	$129,600	2048	* *	5	$40,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$109,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Masonry: Brick	20%			LIFE	* *	10	$17,300	
Marble Panels	5%			LIFE	* *	10	$5,800	
Plaster	65%			LIFE	* *	5-10	$159,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Classrooms								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$25,200	
Plaster	51%			LIFE	* *	5-10	$117,700	
Plaster	34%			LIFE	* *	5-10	$78,500	
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$4,500	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : East Side Of Yard								
Iron Picket	20%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	75%	2-4	$1,800	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Yard								
Rubber Matting	25%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Molded Case Bkrs	85%			2032	$203,600	5	$2,200	
Molded Case Bkrs	10%			2041	* *	5	$300	
Wiring								
Braided Cloth	85%	2-4	$248,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$83,600	5	$500	
Locally Mounted	30%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$84,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$81,200	10	$11,700	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$135,500	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$181,700	1	$36,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors Only.								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$249,600	2043	* *	1-3	$54,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$95,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	$774,900			
Terminal Devices								
Air Handler	15%			2028	$273,200	1	$9,000	
Convector/Radiator	85%			2031	$672,600	1	$26,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	70%			2028	$256,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$25,600	
No Component	70%							
Exhaust Fans								
Interior	30%			2028	$128,800	2	$900	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$247,100	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Temporary 120 Gallon Electrical Water Heater Being Used.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$19,400	4	$3,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 20%								
Location : 3rd And 5th Floor								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 193 - Q**		
Address	: **152-20 11 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q193**
Program / Asset #	: **BOE0834.000 / 1494**	**Yr Built/Renovated**	: **1953 / 2006**
Area Sq Ft	: **66,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4538** **Lot** : **1**	**BIN**	: **4103056**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$254,100	$923,100
Interior Architecture	$4,971,800	$1,519,100
Electrical	$267,500	$467,100
Mechanical	$92,800	$1,112,100
Total	**$5,586,200**	**$4,021,500**
Importance Code A	$254,100	$923,100
Importance Code B	$5,179,200	$3,098,400
Importance Code C	$152,800	
Total	**$5,586,200**	**$4,021,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$69,300		$54,700	
Interior Architecture	$95,700	$1,000	$4,300	$10,200
Electrical	$7,200	$6,200	$8,000	$6,400
Mechanical	$24,100	$5,000	$7,700	$3,000
Site Pavements	$5,800			
Total	**$202,000**	**$12,100**	**$74,800**	**$19,600**
Importance Code A	$69,300		$54,700	
Importance Code B	$69,300	$12,100	$17,200	$19,600
Importance Code C	$63,400		$2,800	
Total	**$202,000**	**$12,100**	**$74,800**	**$19,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$1,600	
Masonry: Brick Cavity	93%			LIFE	* *	5	$120,400	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$4,900	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Window Header Throughout								
Windows								
Aluminum	95%	Now	$131,300	2049	* *	5	$6,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Steel	5%	Now	$62,600	2058	* *	5	$4,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Masonry: Brick Cavity	40%	4+	$17,500	LIFE	* *	5	$3,500	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Rail	50%			2046	* *	5-10	$78,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,900	
Roof								
Built-Up (BUR)	95%	4+	$43,100	2033	$862,900			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Lower Roof Level								
Metal Panel	5%			2046	* *	10	$7,100	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,900	
Ceramic Tile	3%			2036	* *	5	$3,000	
Terrazzo	5%			LIFE	* *	5	$7,800	
Vinyl Tile	55%			2033	$1,519,100	3	$27,500	
Vinyl Tile 9" X 9"	27%	Now	$4,764,400	2043	* *	3	$10,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Corridors, Classrooms								
Wood	5%			2048	* *	5	$9,400	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$5,700	
Concrete Masonry Unit	10%	4+	$21,300	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Bulkhead Stair								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,100	
Plaster	50%			LIFE	* *	5-10	$48,200	
SGFT/Glazed Masonry	30%	4+	$152,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Ceilings								
AcousTile,Adhered	2%			2050	* *	5	$2,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
AcousTile,Adhered	33%			2038	* *	5	$32,900	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$62,300	
Plaster	15%			LIFE	* *	5-10	$25,700	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2053	* *			
Iron Picket	90%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 11th Avenue								
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Masonry: Granite	10%	0-2	$5,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	50%			2042	* *			
Rubber Matting	50%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2063	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2063	* *	5	$300	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2063	* *	1		
Panelboards								
Fused Disc Sw	8%			2032	$14,400	5	$100	
Fused Disc Sw	2%			2058	* *	5		
Fused Toggle Switch	60%	2-4	$107,800	2058	* *	5	$500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2032	$35,900	5	$300	
Molded Case Bkrs	10%			2058	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2063	* *	1		
Thermoplastic	10%			2033	$20,000	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	96%			2041	* *	10	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$8,000	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
HID	20%			2028	$61,600	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$800	
Alarm								
Security System								
Generic	50%			2028	$61,900	1	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Offices, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	50%			2038	* *	1	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$40,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Smoke Detectors, Pull Boxe And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Temporary Boiler Being Used								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$92,800	2043	* *	4	$3,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Hot Water Piping Leaking								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump								
Explanation : Leak Evident								

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DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2033	$248,400	1	$8,200	
Convector/Radiator	80%			2031	$431,800	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2032	$25,000	1		
Recent Installation, Extent : N/A, Area Affected : 100% Location : Various								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,300	
Exhaust Fans								
Interior	90%			2033	$263,400	2	$1,800	
Roof	10%			2028	$12,800	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$168,500	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$13,200	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2033	$34,600	4	$3,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 194 - BK**		
Address	: **3117 AVENUE W BTWN: BRIGHAM ST., KNAPP ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K194**
Program / Asset #	: **BOE0489.000 / 1321**	**Yr Built/Renovated**	: **1929 / 2001**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **8825** **Lot** : **1**	**BIN**	: **3248309**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,277,000	$102,000
Interior Architecture	$6,027,100	$330,900
Electrical	$305,400	$825,900
Mechanical	$705,600	$2,182,900
Site Pavements	$72,300	$571,600
Total	**$8,387,300**	**$4,013,400**
Importance Code A	$1,277,000	$712,200
Importance Code B	$6,817,900	$3,144,600
Importance Code C	$292,400	$156,700
Total	**$8,387,300**	**$4,013,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,900			
Interior Architecture	$112,800	$2,600		$8,900
Electrical	$78,300	$2,400	$2,400	$2,000
Mechanical	$57,800	$37,400	$15,900	$10,200
Site Enclosure	$1,500			
Site Pavements	$43,700			
Total	**$340,100**	**$42,300**	**$18,400**	**$21,100**
Importance Code A	$76,400	$7,100	$6,900	$6,900
Importance Code B	$239,800	$35,200	$11,400	$14,100
Importance Code C	$23,800			
Total	**$340,100**	**$42,300**	**$18,400**	**$21,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$85,900	
Masonry: Brick	15%	Now	$530,600	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$63,400	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$371,500	2046	* *	5	$13,000	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$259,500	LIFE	* *	5	$20,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	Now	$42,300	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Parapet Covered With Tarps To Prevent Water Infiltration								
Metal Rail	5%			2043	* *	5-10	$20,600	
Roof								
Copper/Terne	5%	Now	$3,600	2058	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	95%			2035	* *	10	$52,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	4+	$35,100	LIFE	* *	5	$45,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2033	$174,300	5	$3,100	
Terrazzo	3%	4+	$28,900	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	39%	Now	$22,200	2035	* *	3	$15,100	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Various Areas								
Vinyl Tile 9" X 9"	30%	Now	$109,100	2025	$5,454,600	3	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%			2058	* *	5	$9,700	
Interior Walls								
Cast in Place Concrete	10%	Now	$144,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Ceramic Tile	3%			2033	$156,700	5	$2,800	
Masonry: Brick	5%	Now	$90,400	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Spalling, Extent : Severe, Area Affected : 5%								
Location : Basement Near Stair C And D								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Near Stair C And D								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%	Now	$16,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$57,700	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs And Room 224								
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	0-2	$9,900	2043	* *	5	$7,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2050	* *	5	$5,200	
Exposed Struc: Concrete	6%	Now	$92,600	LIFE	* *	5	$1,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 323, 324, 325 And Penthouse								
Exposed Struc: Concrete	49%			LIFE	* *	5	$7,900	
Plaster	25%	Now	$78,300	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%			2065	* *			
Chain Link	45%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Iron Picket	45%			2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%	2-4	$1,500	2065	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	15%	0-2	$72,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	85%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	60%			2035	* *			
Masonry: Granite	5%	2-4	$5,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Avenue W Stairs								
Pavers/Stone	35%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	8%	0-2	$38,100	2033	$76,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Asphalt	52%			2033	$495,400			
Rubber Matting	40%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Raceway								
Conduit	85%			2030	$122,900	1		
Conduit	15%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2052	* *	5	$100	
Fused Knife Sw	15%	0-2	$26,900	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fused Toggle Switch	35%	0-2	$62,900	2055	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2046	* *	5	$200	
Molded Case Bkrs	35%			2029	$62,900	5	$600	
Wiring								
Braided Cloth	90%	2-4	$179,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	50%			2035	* *	5	$200	
Locally Mounted	50%			2028	$59,700	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$62,900	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Fixtures Are In Satisfactory Condition.								
Egress Lighting								
Emergency, Battery	50%			2030	$58,800	10	$8,400	
Exit, Service	50%			2030	$15,100	1		
Exterior Lighting								
HID	100%			2030	$326,600	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$39,400	2040	* *	1	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Is Not Operational.								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 8,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$30,500	2028	$610,100	1	$62,400	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 12 Plugged Tubes On Boiler #2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$168,200	2040	* *			
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : 3 Vacuum Pump Sets In Basement.								
Terminal Devices								
Air Handler	20%	Now	$105,400	2030	$263,500	1	$7,800	
Broken, Extent : Severe, Area Affected : 100%								
Location : Gymnasium Supply In Penthouse. Auditorium, House And Cafeteria Supply In Basement.								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Systems Temperature Controls In General Not Functioning Properly.								
Convector/Radiator	70%			2035	* *	1	$15,800	
Fan Coil Unit/Heat	10%	Now	$17,400	2025	$173,600	1	$2,000	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Not Operational At Various Locations								
Explanation : Classroom Unit Ventilators.								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	10%			2030	$166,200			
Window/Wall Unit	60%			2025	$159,100	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,000	
Exhaust Fans								
Interior	80%	Now	$99,300	2030	$248,400	2	$1,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Gymnasium Exhaust In Penthouse. Toilet, House And Cafeteria Exhaust In Basement.								
Roof	20%			2025	$27,200	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2030	$179,800	1		
Galvanized Steel	80%			2028	$714,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 175 Gallon And One 25 Gallon For Kitchen								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$4,900	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement And Buried Exterior Piping								
Explanation : Boiler Blowdown Backs Up								
Sump Pump(s)								
Submersible	100%			2024	$2,200	4	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Backflow Preventer								
Generic	100%			2030	$31,300	1	$4,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 194 - M**		
Address	: **244 WEST 144 STREET BTWN: 7 AVE., 8 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M194**
Program / Asset #	: **BOE0116.000 / 1638**	**Yr Built/Renovated**	: **1940 / 2011**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **2029** **Lot** : **11**	**BIN**	: **1060432**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$72,700	$788,700
Interior Architecture	$248,700	$2,271,900
Electrical	$319,600	$885,700
Mechanical	$381,600	$1,452,300
Site Pavements		$211,600
Total	**$1,022,700**	**$5,610,200**
Importance Code A	$334,200	$788,700
Importance Code B	$491,300	$4,196,100
Importance Code C	$197,200	$625,400
Total	**$1,022,700**	**$5,610,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,400			
Interior Architecture	$142,100	$5,700		$8,200
Electrical	$51,200	$25,700	$1,400	$1,700
Mechanical	$76,400	$10,600	$16,900	$10,600
Site Enclosure	$20,400			
Site Pavements	$5,500			
Total	**$305,900**	**$42,000**	**$18,300**	**$20,400**
Importance Code A	$10,400	$7,600	$7,400	$7,400
Importance Code B	$226,100	$34,400	$10,900	$13,000
Importance Code C	$69,500			
Total	**$305,900**	**$42,000**	**$18,300**	**$20,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$62,900	
Masonry: Brick	25%			LIFE	* *	5	$26,200	
Masonry: Granite	3%			LIFE	* *	5	$2,400	
Masonry: Limestone	12%			LIFE	* *	5	$9,400	
Windows								
Wood	100%	Now	$72,700	2046	* *	5	$181,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$9,900	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Security Bars	10%			2058	* *			
Roof								
Built-Up (BUR)	100%	Now	$10,400	2030	$518,600			
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Along Parapet Wall								
Interior								
Floors								
Ceramic Tile	3%	Now	$3,900	2039	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Terrazzo	5%	0-2	$10,700	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Vinyl Tile	57%	2-4	$36,100	2030	$1,804,400	3	$24,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout								
Wood	35%	0-2	$47,800	2045	* *	5	$37,600	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Stage And Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$57,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Fan Room Boiler Room								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Ceramic Tile	5%	Now	$8,300	2033	$413,800	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Concrete Masonry Unit	5%	Now	$35,300	LIFE	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Near Fan Room Entrance In Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Near Fan Room Entrance In Basement								
Masonry: Brick	15%	Now	$85,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Plaster	50%			LIFE	* *	5	$22,600	
SGFT/Glazed Masonry	20%	0-2	$54,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Ceilings								
AcousTile,Adhered	10%			2035	* *	5	$11,500	
Exposed Struc: Concrete	15%	Now	$51,500	LIFE	* *	5	$2,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Office								
Plaster	75%			LIFE	* *	5	$53,700	
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$5,500	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Property Line Fence South Side								
Iron Picket	50%	0-2	$14,900	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Masonry: Granite	10%	Now	$5,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Rear Steps								
Parking/Driveway								
Asphalt	50%			2033	$211,600			
Cast in Place Concrete	50%			2043	* *			
Activity Yard								
Cast in Place Concrete	50%			2035	* *			
Rubber Matting	50%			2030				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$300	
Raceway								
Conduit	90%			2040	* *	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2038	* *	5	$300	
Fused Knife Sw	10%	2-4	$18,000	2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	50%	2-4	$89,800	2055	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : On Extended Life								
Molded Case Bkrs	15%			2029	$26,900	5	$300	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$179,600	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2028	$23,900	5	$100	
Locally Mounted	70%	2-4	$50,200	2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	10%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	4+	$10,400	LIFE	* *	5	$1,100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	60%			2030	$670,800	10	$41,300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Fluorescent	35%			2035	* *	10	$24,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement And Stair Landings								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Multipurpose Room								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2030	$62,900	10	$9,100	
Exit, Service	50%			2030	$16,200	1		
Exterior Lighting								
HID	20%	Now	$21,000	2030	$70,000			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Outside Perimeter								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Outside Perimeter								
Explanation : Lamps Ballasts And Timer Is Not Operational								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$58,000	1-3	$14,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

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DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$261,500	2043	* *	1	$66,800	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : 1 Of 2 Units Failed								
Distribution								
Steam Piping/Pump	100%	2-4	$120,100	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Boiler Condensate Return Pump; Room 321 And Auditorium Steam Piping								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Terminal Devices								
Air Handler	30%			2030	$423,400	1	$13,900	
Convector/Radiator	70%	0-2	$21,500	2035	* *	1	$15,300	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Faulty Radiator Traps								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	2%			2030	$35,600			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Fourth Floor Computer Room								
Explanation : 3 Ton Unit								
Window/Wall Unit	50%	Now	$2,800	2030	$142,100	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Room 311 And Library								
No Component	48%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	100%	Now	$6,700	2030	$332,600	2	$1,800	
Broken, Extent : Severe, Area Affected : 5%								
Location : Bearing Housing Of House Exhaust Fan In Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%	0-2	$3,800	2028	$191,500	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valves, Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	0-2	$18,100	2030	$362,700	4	$7,400	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Coil Connection, Basement								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Leak Apparent Through Hot Water Tank Insulation								
Sanitary Piping								
Cast Iron	100%	Now	$18,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : House Trap, Underground Of Cafeteria In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,000	2030	$15,000	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Starter And Float Valves								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Other Observation, Extent : Severe, Area Affected : 30%								
Location : First And Fourth Floor Flush Valves And Third Floor Urinal Drains								
Explanation : Faulty Flushometers And Clogged Urinal Drains								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : Storage Areas								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 195 - BK**		
Address	: **131 IRWIN STREET BTWN: HAMPTON AVE, ORIENTAL BLVD**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K195**
Program / Asset #	: **BOE0490.000 / 4**	**Yr Built/Renovated**	: **1949 / 2015**
Area Sq Ft	: **56,928**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,Att**		
Block	: **8752** **Lot** : **35**	**BIN**	: **3246519**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$174,600	$77,400
Interior Architecture	$54,400	$543,900
Electrical	$132,800	$149,700
Mechanical	$135,500	$490,600
Total	**$497,300**	**$1,261,500**
Importance Code A	$174,600	$77,400
Importance Code B	$322,700	$1,184,100
Total	**$497,300**	**$1,261,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,000		$24,300	
Interior Architecture	$34,900			$5,700
Electrical	$69,300	$5,200	$119,300	$4,900
Mechanical	$22,100	$14,300	$41,900	$14,300
Site Enclosure	$12,100			
Site Pavements	$54,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$220,800**	**$23,500**	**$189,300**	**$28,900**
Importance Code A	$29,700	$5,600	$30,000	$5,600
Importance Code B	$116,000	$17,800	$159,300	$23,200
Importance Code C	$75,100			
Total	**$220,800**	**$23,500**	**$189,300**	**$28,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%	Now	$50,300	LIFE	* *	5	$30,500	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Sides Of Main Entrance								
Masonry: Brick Cavity	35%			LIFE	* *	5	$19,400	
Masonry: Granite	5%	Now	$21,900	LIFE	* *	5	$2,100	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Sides Of Main Entrance								
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Windows								
Wood	100%	Now	$124,400	2047	* *	5	$77,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : South Addition Portion								
Glazing Clouded, Extent : Light, Area Affected : 50%								
Location : South Addition								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Corroded Window Guards								
Parapets								
Masonry: Brick	25%	Now	$2,200	LIFE	* *	5	$900	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : North Side								
Masonry: Brick Cavity	45%			LIFE	* *	5	$1,600	
Masonry: Limestone	30%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	35%			2036	* *	10	$21,200	
Copper/Terne	2%			2046	* *	10	$3,000	
Slate	63%			LIFE	* *			
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$7,200	
Ceramic Tile	10%	0-2	$7,400	2040	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Quarry Tile	5%			2044	* *	5	$4,900	
Terrazzo	5%			LIFE	* *	5	$2,600	
Vinyl Tile	30%	Now	$54,400	2031	$543,900	3	$7,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile	40%			2036	* *	3	$13,100	
Wood	5%			2059	* *	5	$6,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$8,500	2034	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$32,600	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2044	* *	5	$10,200	
AcousTileSusp.Lay-In	15%			2044	* *	5	$10,200	
Exposed Struc: Concrete	25%			LIFE	* *	5	$2,700	
Metal Panel	5%			LIFE	* *	5	$4,200	
Plaster	40%			LIFE	* *	5	$17,000	
Site Enclosure								
Fence/Gates								
Chain Link	90%	4+	$10,800	2051	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	10%	0-2	$1,300	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	85%	Now	$6,800	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East Side Of Building								
Masonry: Granite	15%	Now	$27,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Exit Steps Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$20,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Dumpster Location								
Activity Yard								
Asphalt	80%			2040	* *			
Rubber Matting	20%			2036	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$200	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	90%			2039	* *	5	$1,300	
Wiring								
Braided Cloth	20%	2-4	$39,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	75%			2031	$149,700	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main In Crawl Space								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Room 131								
Explanation : 600 Ampere								
Generators								
Natural Gas	100%			2040	* *	1	$22,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Nameplate Inaccessible								
Batteries								
Not Accessible	100%							
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$47,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Bathrooms, Staircases And Corridors								
LED	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Gymnasium And Auditorium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$47,800	10	$6,900	
Exit, Service	50%			2026	$12,300	1		
Exterior Lighting								
HID	50%	Now	$13,300	2026	$132,800			
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 100%								
Location : Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Operated Via Photocell And Timer								
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$44,100	1-3	$10,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$56,400	
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	30%			2031	$321,400	1	$10,600	
Convector/Radiator	70%			2044	* *	1	$12,900	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	25%			2026	$53,900	1		
No Component	65%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,700	
Exhaust Fans								
Interior	3%	Now	$7,600	2041	* *	2		
Damaged, Extent : Light, Area Affected : 25%								
Location : Attic Mechanical Room, Deteriorated Flexible Connection								
Interior	67%			2031	$169,200	2	$1,200	
Roof	30%			2031	$33,100	2	$500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$1,800	
Backflow Preventer								
Generic	100%			2031	$25,400	1	$3,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$800	
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 195 - BX AND P. S. 196/197**		
Address	: **1250 WARD AVENUE @E. 172 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X077**
Program / Asset #	: **BOE0218.000 / 447**	**Yr Built/Renovated**	: **1925 / 2003**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3775** **Lot** : **25**	**BIN**	: **2088553**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,237,900	$349,900
Interior Architecture	$791,900	$4,216,100
Electrical	$412,900	$755,400
Mechanical	$483,600	$2,254,100
Total	**$4,926,200**	**$7,575,500**
Importance Code A	$3,237,900	$401,300
Importance Code B	$1,604,700	$7,122,600
Importance Code C	$83,700	$51,600
Total	**$4,926,200**	**$7,575,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$20,400		
Interior Architecture	$44,300		$15,600	$24,600
Electrical	$2,600	$3,600	$3,300	$93,600
Mechanical	$146,200	$31,000	$24,900	$70,800
Site Enclosure	$39,800			
Site Pavements	$77,900			
Total	**$310,900**	**$55,000**	**$43,800**	**$189,000**
Importance Code A	$10,800	$31,200	$10,800	$11,000
Importance Code B	$248,500	$23,800	$33,000	$178,000
Importance Code C	$51,600			
Total	**$310,900**	**$55,000**	**$43,800**	**$189,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 195 - BX AND P. S. 196/197
Asset # : 447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Masonry: Brick	80%	Now	$2,147,800	LIFE	* *	5	$130,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Throughout								
Repointing Failure, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 80%								
Location : 5th Floor Along Ward Avenue And 172nd Street, Along Entire Wall At Manor Avenue, Staircase G								
Granite Panels	5%			LIFE	* *	5	$6,100	
Stucco Cement	10%			2045	* *	5	$40,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$950,300	2048	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 2%								
Location : Auditorium, Kitchen, Stair B								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	50%			LIFE	* *	5	$85,500	
Masonry: Brick	50%	Now	$139,700	LIFE	* *	5	$11,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Above Rooms 507, 508, 510, 512, 514, And Thoughout Fifth Floor								
Roof								
Modified Bitumen	100%			2040	* *	10	$70,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout Entire Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 195 - BX AND P. S. 196/197
Asset # : 447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,100	
Worn/Eroded, Extent : Light, Area Affected : 90%								
Location : Throughout								
Ceramic Tile	5%	2-4	$11,400	2035	* *	5	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Girls Bathroom, Throughout Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout All Bathrooms								
Marble Panels	3%	0-2	$26,500	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Along Edges Of The Corridors								
Quarry Tile	2%	Now	$118,600	2052	* *	5	$3,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Sheet Vinyl/Rubber	5%	Now	$329,600	2042	* *	5	$7,600	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%								
Location : Throughout Auditorium								
Seams Open/Split, Extent : Severe, Area Affected : 10%								
Location : Throughout Auditorium								
Vinyl Tile	60%			2032	$3,340,000	3	$45,300	
Vinyl Tile 9" X 9"	2%			2032	$711,300	3	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room 205								
Explanation : 9x9 Vinyl Tiles								
Wood	13%			2047	* *	5	$49,100	
Interior Walls								
Gypsum Board	10%	Now	$6,400	LIFE	* *	5	$13,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor, Rooms 517, 520								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Throughout 5th Floor								
Masonry: Brick	15%			LIFE	* *			
Plaster	75%	Now	$83,700	LIFE	* *	5	$51,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout 5th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor, Stairwell G At Stair Bulkhead								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 195 - BX AND P. S. 196/197
Asset # : 447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,100	
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Throughout Basement								
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout Basement								
Plaster	5%			LIFE	* *	5	$6,300	
Plaster	85%	Now	$260,000	LIFE	* *	5	$106,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Corridors And Classrooms Throughout 3rd, 4th And 5th Floors, Room 215								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Throughout Building, Primarily 5th Floor, Rooms 517, 520, Stairwell G 5th Floor, Due To Blocked Roof Drain								
Site Enclosure								
Fence/Gates								
Aluminum Rail	20%			2049	* *	5-10	$12,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof Parapet								
Chain Link	65%	4+	$16,500	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Manor Avenue, Various Locations								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Manor Avenue								
Explanation : Deteriorated								
Iron Picket	15%	4+	$1,700	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	4+	$16,700	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$41,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Ward Avenue, Various Flags								
On-Site Walkways								
Asphalt	60%	0-2	$14,500	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various								
Cast in Place Concrete	40%	4+	$7,600	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								

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DEPARTMENT OF EDUCATION - 040
P. S. 195 - BX AND P. S. 196/197
Asset # : 447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	4+	$14,000	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Activity Yard Drain								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$46,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$5,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	20%			2032	$52,000	5	$100	
Fused Disc Sw	40%			2052	* *	5	$200	
Molded Case Bkrs	40%			2032	$104,000	5	$1,100	
Raceway								
Conduit	80%			2032	$195,000	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Knife Sw	30%	2-4	$71,800	2057	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2048	* *	5	$600	
Molded Case Bkrs	40%			2031	$95,800	5	$1,100	
Wiring								
Braided Cloth	70%	0-2	$239,300	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Thermoplastic	10%			2032	$34,200	1		
Motor Controllers								
Locally Mounted	30%			2045	* *	5	$200	
Locally Mounted	70%			2030	$127,000	5	$500	
Ground								

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DEPARTMENT OF EDUCATION - 040
P. S. 195 - BX AND P. S. 196/197
Asset # : 447

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$96,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Service	45%			2027	$30,200	1		
Emergency, Battery	5%			2040	* *	10	$1,300	
Exit, Service	40%			2027	$18,800	1		
Exit, Service	10%			2040	* *	1		
Exterior Lighting								
HID	20%			2027	$101,700	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$40,900	1	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit Doors, Hallway And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$20,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Stobe Lights, Alarm Bell, Horn, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$33,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$108,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 195 - BX AND P. S. 196/197
Asset # : 447

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$153,300	2042	* *	4	$5,400	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Steam Traps And Pneumatic Valves, Throughout								
Terminal Devices								
Air Handler	20%	Now	$41,000	2032	$410,200	1	$12,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Space. 20 Percent Of Blowers Are Not Working								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Mechanical Space								
Explanation : Belt Is Obsolete								
Convector/Radiator	80%	Now	$14,300	2030	$713,100	1	$25,300	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : Steamtraps Faulty								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Computer And Telephone Room								
Explanation : Computer And Telephone Room								
Window/Wall Unit	80%	0-2	$16,500	2027	$330,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : 20 Percent Of The Units Are Not Working In Various Locations.								
No Component	15%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$75,900	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : For Computer Room								
Explanation : For Computer Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,800	

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DEPARTMENT OF EDUCATION - 040
P. S. 195 - BX AND P. S. 196/197
Asset # : 447

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%	Now	$43,500	2032	$435,100	2	$2,400	
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Defective Switch								
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Unit Inoperable, Extent : Severe, Area Affected : 70%								
Location : Basement								
Roof	10%			2037	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2052	* *	1		
Galvanized Steel	50%			2030	$695,800	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$19,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Water Backup With Heavy Rain, 1st Floor Bathrooms, 2nd Floor, Basement								
Sump Pump(s)								
Non-Submersible	100%			2027	$21,800	4	$2,300	
Backflow Preventer								
Generic	100%			2037	* *	1	$6,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 195 - Q**		
Address	: **253-50 149 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q195**
Program / Asset #	: **BOE0836.000 / 1496**	**Yr Built/Renovated**	: **1964 / 2014**
Area Sq Ft	: **110,242**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Ph**		
Block	: **13655** **Lot** : **1**	**BIN**	: **4290116**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,447,100	$344,800
Interior Architecture	$17,781,100	$257,400
Electrical	$205,100	$821,600
Mechanical	$65,100	$2,597,200
Total	**$19,498,400**	**$4,021,000**
Importance Code A	$1,447,100	$344,800
Importance Code B	$17,925,000	$3,676,200
Importance Code C	$126,300	
Total	**$19,498,400**	**$4,021,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$82,300			
Interior Architecture	$181,200		$24,000	$12,400
Electrical	$32,500	$18,000	$20,300	$18,700
Mechanical	$68,200	$38,000	$44,900	$36,900
Site Pavements	$35,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$403,300**	**$59,900**	**$93,200**	**$72,000**
Importance Code A	$93,200	$10,900	$10,900	$10,900
Importance Code B	$253,600	$49,000	$78,900	$61,100
Importance Code C	$56,600		$3,400	
Total	**$403,300**	**$59,900**	**$93,200**	**$72,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$130,000	
Masonry: Brick Cavity	55%			LIFE	* *	5	$152,500	
Masonry: Brick Cavity	20%			LIFE	* *	5	$55,500	
Masonry: Limestone	2%	Now	$43,700	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Window Sills, Panels Under Windows								
Metal Panel	8%			2043	* *	5-10	$76,300	
Window Wall	5%			2053	* *	5	$26,000	
Windows								
Aluminum	95%			2049	* *	5	$14,000	
Metal Louvers	5%			2042	* *	10	$4,600	
Parapets								
Masonry: Brick Cavity	10%			LIFE	* *	5-10	$9,600	
Metal Rail	65%			2046	* *	5-10	$165,500	
Metal Rail	20%	Now	$18,900	2046	* *	5	$20,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : 2001 Wing								
Pre-Cast Concrete	5%			LIFE	* *	5	$8,900	
Roof								
Copper/Terne	5%			2061	* *	10	$13,800	
IRMA/Protected Membrane	45%	Now	$1,177,700	2043	* *			1
Insul Deter/Miss, Extent : Severe, Area Affected : 20%								
Location : 1964 Wing								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : 1964 Wing								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Bulkhead, 2001 Wing At 2nd Floor								
Modified Bitumen	50%			2038	* *	10	$55,300	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$72,200	
Ceramic Tile	5%	Now	$46,500	2042	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$5,200	
Vinyl Tile	20%			2038	* *	3	$12,400	
Vinyl Tile 9" X 9"	60%	Now	$17,473,300	2043	* *	3	$37,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium, Cafeteria, 1st Floor, 2nd Floor								
Loose Units, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor								
Wood	3%	4+	$29,500	2061	* *	5	$4,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Stage								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$6,700	
Concrete Masonry Unit	20%	Now	$126,300	LIFE	* *	5	$10,800	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Foundation Wall Near Room 005 And 009								
Folding Partition	3%			2049	* *	5	$10,100	
Plaster	47%			LIFE	* *	5-10	$53,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$16,800	
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$51,600	
AcousTileSusp.Lay-In	20%			2046	* *	5	$33,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Near Elevator In 2001 Wing								
Exposed Struc: Concrete	40%			LIFE	* *	5-10	$82,500	
Exposed Struc: Steel	3%			LIFE	* *	10	$9,900	
Fiber Board	10%			2033	$257,400			
Metal Panel	2%	Now	$109,300	LIFE	* *	5	$4,100	
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2043	* *			
Iron Picket	10%			2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Various Locations								
Explanation : Recent Repairs								
On-Site Walkways								
Asphalt	80%			2042	* *			
Cast in Place Concrete	18%			2046	* *			
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Asphalt	98%	0-2	$35,200	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	2%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Replacement								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$130,000	5	$200	
Fused Disc Sw	50%			2053	* *	5	$200	
Raceway								
Conduit	80%			2033	$195,000	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	40%			2049	* *	5	$1,200	
Molded Case Bkrs	50%			2032	$119,700	5	$1,500	
Wiring								
Braided Cloth	60%	2-4	$205,100	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	$34,200	1		
Thermoplastic	30%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2031	$90,700	5	$400	
Locally Mounted	40%			2046	* *	5	$300	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$33,900	
Generators								
Diesel	100%			2042	* *	1	$42,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 200 Kilowatts								
Batteries								
Nickel Cadmium	100%			2028	$2,500	5	$24,600	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 75 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : One 275 Gallons Rated								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$91,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2038	* *	10	$6,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	10%			2061	* *	1		
Exit, Service	40%			2038	* *	1		
Exterior Lighting								
HID	10%			2028	$51,400	10		
LED	10%			2038	* *			
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2028	$103,500	1	$20,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Exit Doors Old Wings								
Explanation : Intrusion Alarm Only. Motion Sensors								
Generic	50%			2038	* *	1	$20,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Basement New Wings								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$67,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$109,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2049	* *	4	$2,400	
Steam Piping/Pump	10%			2043	* *			
Steam Piping/Pump	60%			2033	$529,700			
Terminal Devices								
Air Handler	30%			2033	$622,400	1	$20,500	
Air Handler	40%			2038	* *	1	$27,300	
Fan Coil Unit/Heat	30%			2038	* *	1	$10,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	40%	0-2	$65,100	2038	* *	1	$18,400	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Sets, New Wing Penthouse								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor. One Unit Is Not Working, Blown Fuse Of The Chilled Water Pump								
Reciprocating Compr/Chiller	30%			2033	$487,900	1	$15,300	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Old Wing Roof								
Split Unit	15%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Roof								
Explanation : 10 Units. R-410a								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2053	* *	4	$3,300	
CW & CHW Wtr Pipe/Pump	30%			2043	* *	4	$1,600	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2038	* *	1	$27,300	
Air Handler/Cool/Ht	30%			2033	$545,500	1	$20,500	
Fan Coil - 2 Pipe	15%			2038	* *	1	$5,300	
No Component	15%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2038	* *	2	$30,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 2 Units								
Air Cooled Condenser Unit	30%			2033	$81,400	2	$23,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Roof								
Explanation : 1 Unit								
Dry Cooler	15%			2033	$64,500	2	$11,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Roof								
Explanation : 10 Units								
No Component	15%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$58,400	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$38,900	
Exhaust Fans								
Interior	50%			2033	$244,500	2	$1,700	
Interior	25%			2038	* *	2	$800	
Roof	10%			2033	$21,400	2	$300	
Roof	15%			2038	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,300	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor To Penthouse								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2053	* *	1-5	$22,200	
Sprinkler								
No Component	60%							
Generic	40%			2053	* *	1-2	$12,300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 196 - BK**		
Address	: **207 BUSHWICK AVENUE @ MESEROLE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K196**
Program / Asset #	: **BOE0491.000 / 1322**	**Yr Built/Renovated**	: **1924 / 2013**
Area Sq Ft	: **107,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5**		
Block	: **3046** **Lot** : **1**	**BIN**	: **3071024**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$267,600	$151,600
Interior Architecture	$2,026,700	$6,060,500
Electrical	$356,300	$1,391,500
Mechanical	$517,000	$3,108,900
Total	**$3,167,700**	**$10,712,500**
Importance Code A	$454,200	$203,000
Importance Code B	$2,193,100	$10,457,900
Importance Code C	$520,400	$51,600
Total	**$3,167,700**	**$10,712,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$70,300		$6,500	
Interior Architecture	$142,500			$12,600
Electrical	$30,500	$10,000	$10,400	$13,300
Mechanical	$114,200	$31,100	$40,100	$50,500
Site Pavements	$43,300			
Total	**$400,800**	**$41,100**	**$56,900**	**$76,400**
Importance Code A	$70,300	$10,600	$17,000	$10,600
Importance Code B	$252,600	$30,500	$39,800	$65,800
Importance Code C	$77,900			
Total	**$400,800**	**$41,100**	**$56,900**	**$76,400**

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$303,200	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : East Side								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Around Entire Building								
Masonry: Limestone	5%			LIFE	* *	5	$12,200	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : East Side								
Metal Panel	2%			2053	* *	5-10	$22,400	
Windows								
Aluminum	100%			2049	* *	5	$49,800	
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	* *	5-10	$50,100	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : East Side								
Sidewalk Shed Below, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5-10	$135,900	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Throughout								
Sidewalk Shed Below, Extent : Light, Area Affected : 100%								
Location : Around Entire Building								
Pre-Cast Concrete	2%			LIFE	* *	5	$5,600	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : East Side								
Roof								
Metal Panel	5%			2046	* *	10	$6,500	
Under Construction	95%							
Interior								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%	Now	$17,000	2042	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Toilets And Kitchen								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout Toilets And Kitchen								
Marble Panels	2%	0-2	$88,400	LIFE	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Steps								
Terrazzo	2%	0-2	$75,400	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Lobby								
Traffic Topping	16%	Now	$153,900	2033	$1,538,500	5	$20,200	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Stair Landings								
Vinyl Tile	38%	0-2	$105,800	2038	* *	3	$28,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria, Multipurpose Room And Computer Room								
Vinyl Tile 9" X 9"	12%	Now	$853,600	2028	$4,267,800	3	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	27%			2048	* *	5	$102,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$28,700	
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$31,500	2036	* *	5	$5,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Toilets								
Masonry: Brick	10%	Now	$436,700	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : West Wall Basement								
Marble Panels	5%			LIFE	* *	10	$4,600	
Plaster	75%	Now	$83,700	LIFE	* *	5	$51,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 532, 515								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 532, 515								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$37,700	
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Basement								
Metal Panel	5%	4+	$16,700	LIFE	* *	5	$12,600	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	75%	Now	$229,400	LIFE	* *	5	$94,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 532, 515								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 532, 515								
Plaster	5%			LIFE	* *	5-10	$17,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$30,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Around Fire Hydrant								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	20%			2042	* *			
Cast in Place Concrete	80%	2-4	$13,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entrance And Throughout								
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	100%			2033	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Knife Sw	5%	2-4	$12,000	2058	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	85%			2032	$203,600	5	$2,400	
Wiring								
Braided Cloth	80%	2-4	$273,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$68,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$92,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2041	* *	10	$2,000	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Library								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$89,800	10	$12,900	
Exit, Service	50%			2028	$23,100	1		
Exterior Lighting								
HID	10%			2028	$49,900	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$200,900	1	$40,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallway, Cafeteria, Offices And Exit Doors								
Explanation : CCTV Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$82,800	2043	* *	1-3	$59,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fire Alarm Is Obsolete With Frequent Malfunctioning.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$186,500	2046	* *	1	$95,400	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Number 2 Is Not Operating Due To Leak								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$85,700	2033	$856,800			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Thermostats In Various Classrooms								
Terminal Devices								
Air Handler	15%			2033	$302,000	1	$9,900	
Convector/Radiator	85%			2031	$743,700	1	$29,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$127,000			
Window/Wall Unit	75%			2028	$304,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,500	
Exhaust Fans								
Interior	95%	Now	$22,500	2033	$450,800	2	$2,500	
Broken, Extent : Severe, Area Affected : 20%								
Location : Unit Serving The Gymnasium								
Roof	5%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	Now	$13,700	2031	$273,200	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : At Water Main In Basement								
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 115 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$21,400	4	$3,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%	0-2	$2,200	2033	$44,400	1-2	$800	
Controller Not Working, Extent : Light, Area Affected : 100%								
Location : Low Flow Alarm Trips Often								

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2026	$244,800	1-3	$242,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : Hood Is 15 Feet Long, 60 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 196 - Q**		
Address	: **71-25 113 STREET @ 71ST RD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q196**
Program / Asset #	: **BOE0837.000 / 1497**	**Yr Built/Renovated**	: **1953 / 2010**
Area Sq Ft	: **106,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,Ph**		
Block	: **2248** **Lot** : **100**	**BIN**	: **4052713**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$200,500	$97,100
Interior Architecture	$5,960,600	
Electrical	$138,700	$635,900
Mechanical	$1,758,900	$5,447,500
Total	**$8,058,700**	**$6,180,400**
Importance Code A	$200,500	$651,400
Importance Code B	$7,858,200	$5,529,000
Total	**$8,058,700**	**$6,180,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$133,100		$15,500	
Interior Architecture	$162,600		$45,400	$31,100
Electrical	$18,000	$17,300	$19,600	$19,700
Mechanical	$234,000	$54,100	$82,700	$105,300
Site Pavements	$17,300			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$576,800**	**$83,200**	**$174,900**	**$167,900**
Importance Code A	$141,600	$8,300	$23,900	$8,300
Importance Code B	$353,800	$74,900	$151,000	$147,500
Importance Code C	$81,400			$12,100
Total	**$576,800**	**$83,200**	**$174,900**	**$167,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$27,700	
Glass Block	2%			LIFE	* *	5	$3,500	
Masonry: Brick Cavity	40%			LIFE	* *	5	$110,900	
Masonry: Brick Cavity	30%	4+	$72,500	LIFE	* *	5	$41,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Back Wall Of Stage In Auditorium								
Panel: Limestone	3%			LIFE	* *	5	$6,200	
Pre-Cast Concrete	3%			LIFE	* *	5	$27,000	
Under Construction	20%							
Windows								
Aluminum	80%			2049	* *	5	$11,800	
Under Construction	20%							
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$29,100	
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$20,000	
Masonry: Brick Cavity	30%			LIFE	* *	5-10	$28,900	
Masonry: Brick Cavity	20%			LIFE	* *	5-10	$19,300	
Masonry: Limestone	5%			LIFE	* *	5-10	$8,600	
Metal Panel	2%			2053	* *	5	$1,100	
Metal Rail	10%			2046	* *	5-10	$25,500	
Under Construction	18%							
Roof								
IRMA/Protected Membrane	20%			2038	* *	10	$22,100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof Of New 2010 Wing								
Explanation : Gravel With Concrete Pavers								
Modified Bitumen	60%	2-4	$72,500	2038	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : 1953 Roof								
Ponding, Extent : Light, Area Affected : 2%								
Location : Roof								
Under Construction	20%							
Soffits								
Cast in Place Concrete	50%			LIFE	* *	5	$31,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Exit 1								
Cement - Fiber Panel	50%	4+	$1,200	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2029	$58,400	3	$6,600	
Ceramic Tile	5%			2042	* *	5	$8,300	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Toilets In 1953 Building								
Ceramic Tile	2%			2042	* *	5	$3,300	
Panel/Paver: Cer/Brk	18%			2049	* *	5	$66,800	
Terrazzo	2%			LIFE	* *	5	$5,200	
Vinyl Tile	10%			2038	* *	3	$6,200	
Vinyl Tile	36%	4+	$82,000	2038	* *	3	$22,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Uneven Surface, Extent : Light, Area Affected : 2%								
Location : Room 17								
Vinyl Tile 9" X 9"	20%	Now	$5,824,400	2043	* *	3	$12,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 1953 Wing Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1953 Wing Corridors								
Wood	5%			2048	* *	5	$15,500	
Interior Walls								
Ceramic Tile	18%			2042	* *	5	$24,200	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : 1953 Wing								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,400	
Glazed Ceramic Panel	3%			LIFE	* *	10	$3,600	
Gypsum Board	30%			LIFE	* *	5-10	$68,500	
Masonry: Brick	2%			LIFE	* *	10	$800	
Mosaic Tile	2%			LIFE	* *	10	$1,700	
Plaster	20%			LIFE	* *	5-10	$22,800	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$13,400	
Ceilings								
AcousTileConcealSpLn	10%			2046	* *	5	$20,600	
AcousTileSusp.Lay-In	40%			2046	* *	5	$66,000	
Exposed Struc: Concrete	30%			LIFE	* *	5-10	$61,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$16,500	
Plaster	15%			LIFE	* *	5-10	$42,500	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Iron Picket	75%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$17,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along 113th Street								
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Pavers/Stone	5%			2042	* *			
Activity Yard								
Pavers/Stone	90%			2042	* *			
Rubber Matting	10%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	60%			2033	$146,200	1		
Conduit	40%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5	$500	
Molded Case Bkrs	80%			2049	* *	5	$2,200	
Wiring								
Braided Cloth	20%			2032	$68,400	1		
Thermoplastic	80%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2031	$127,000	5	$500	
Locally Mounted	20%			2046	* *	5	$100	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$32,600	
Generators								
Diesel	100%	Now	$138,700	2048	* *	1	$36,900	
Engine Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Outdoor Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,900	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outdoor Enclosure								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	88%			2038	* *	10	$85,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2038	* *	10	$9,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby, Hallways								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	40%			2038	* *	1		
Emergency, Battery	10%			2038	* *	10	$2,600	
Exit, Service	10%			2033	$4,600	1		
Exit, Battery	40%			2038	* *	10	$2,900	
Exterior Lighting								
Fluorescent	2%			2033	$8,500	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
LED	8%			2038	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$199,000	1	$39,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$65,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	2%			2053	* *	1		
Fuel Oil No 4	60%			2033	$147,900	5	$19,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior - Vaulted								
Explanation : 2 Tanks, 10,000 Gallons Each, Underground / Vaulted								
Natural Gas	38%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	38%			2046	* *	1	$19,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Penthouse Mechanical Room								
Explanation : 2 Units, 1,000 Mbh Each - Building Addition Perimeter Heating								
Radiant Heater	2%			2038	* *	2	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition Penthouse Mechanical Room, Gas Meter Room, Exit 9/10, Other Locations								
Explanation : Electric Unit / Cabinet Heaters								
Steam Boiler	60%			2031	$554,400	1	$63,000	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Sub-basement - Boiler Room								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Sub-basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement - Boiler Room								
Explanation : 2 Units, 50 Gph Each								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$9,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Gymnasium								
Explanation : Location Observed								
Hot Wtr Piping/Pump	40%			2049	* *	4	$3,100	
Steam Piping/Pump	50%	Now	$42,400	2033	$424,400			
Insul. Deteriorating, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room At Feedwater Tank								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Original Building - Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2028	$299,200	1	$9,800	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Original Building - Fan Rooms								
Convector/Radiator	45%			2031	$390,100	1	$15,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Original Building - Throughout								
Convector/Radiator	38%			2046	* *	1	$13,000	
Unit Heater - Hot Water	2%			2033	$12,600			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Rooms 31c, 31f								
Explanation : Location Observed								
Controls								
Digital	40%			2033	$1,217,700			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Throughout								
Pneumatic	60%	Now	$24,600	2027	$1,229,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Original Building Roof Fan Room								
Explanation : Air Leak Tubing By Auditorium Entrance And Defective Gymnasium Blower Controls								
Air Conditioning								
Energy Source								
Electricity	50%			2058	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building - Classrooms Window A/C, Gymnasium And Library								
Electricity	40%			2049	* *	1		
No Component	10%							

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	35%			2033	$623,300	2	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition Roof								
Explanation : 3 Package Units, 100 Tons Total Approximately. R-407 Refrigerant, Gas Heat								
Split Unit	5%			2033	$125,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition								
Explanation : 2 Units								
Split Unit	10%			2043	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, Library - 12 Units								
Window/Wall Unit	10%			2026	$40,200	1		
Window/Wall Unit	30%			2033	$120,500	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Original Building - Classrooms								
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium								
Explanation : Location Observed								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2	$69,000	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$56,200	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$37,400	
Exhaust Fans								
Interior	60%			2028	$282,100	2	$1,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Original Building - Fan Rooms								
Roof	40%			2033	$82,300	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2033	$816,800	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
Brass/Copper	40%	Now	$10,900	2053	* *	1		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Building Addition Penthouse Mechanical Room								
Explanation : Leaky Distribution Reduced Pressure Zone Valves								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	60%			2033	$307,500	4	$9,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
No Component	40%							
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	$55,500	4	$6,300	
Backflow Preventer								
Generic	100%			2033	$47,300	1	$6,500	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	40%			2026	$13,000	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Penthouse Mechanical Room								
Explanation : 1 Unit, 360 Mbh Input								
No Component	60%							
Hot Water Storage Tank								
No Component	60%							
Generic	40%			2028	$6,200	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Addition - Penthouse Mechanical Room								
Explanation : 1 Unit, 250 Gallons.								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Original And Addition Buildings								
Explanation : Two Units From Basement To 3rd Floor. One Unit From Basement To 2nd Floor, One Unit From Basement To 1st Floor (Freight)								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2053	* *	1-2	$11,900	
Chemical System								
Wet	100%			2026	$489,600	1-3	$557,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 24 x 5 Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 197 - BK**		
Address	: **1599 EAST 22 STREET @ KINGS HIGHWAY**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K197**
Program / Asset #	: **BOE0492.000 / 682**	**Yr Built/Renovated**	: **1925 / 2000**
Area Sq Ft	: **107,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **6769** **Lot** : **18**	**BIN**	: **3182169**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$69,000	$210,400
Interior Architecture	$1,100,600	$2,992,800
Electrical	$559,500	$827,100
Mechanical	$1,222,200	$3,132,600
Total	**$2,951,300**	**$7,162,900**
Importance Code A	$69,000	$261,800
Importance Code B	$2,399,600	$6,901,100
Importance Code C	$482,800	
Total	**$2,951,300**	**$7,162,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,500		$5,400	$2,100
Interior Architecture	$28,400	$10,100	$7,600	$3,000
Electrical	$17,800	$3,700	$3,800	$3,200
Mechanical	$125,600	$14,900	$23,800	$16,100
Site Pavements				
Total	**$219,300**	**$28,700**	**$40,600**	**$24,400**
Importance Code A	$58,100	$10,600	$16,200	$12,700
Importance Code B	$161,200	$18,100	$24,400	$11,700
Importance Code C				
Total	**$219,300**	**$28,700**	**$40,600**	**$24,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout All Elevations								
Masonry: Brick	90%			LIFE	* *	5	$146,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout All Elevations								
Masonry: Granite	5%			LIFE	* *	5	$6,100	
Windows								
Aluminum	100%	Now	$47,500	2047	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Concrete Masonry Unit	40%			LIFE	* *	5	$10,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	35%			LIFE	* *	5	$7,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2057	* *	5	$4,300	
Recent Installation, Extent : N/A, Area Affected : 75%								
Location : Main Roof								
Metal Rail	10%			2048	* *	5-10	$39,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Upper Roof								
Roof								
Copper/Terne	2%			2066	* *	10	$3,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Skylight Replaced With Standing Seam Metal Roofing Assembly								
Modified Bitumen	98%			2036	* *	10	$69,000	
Soffits								
Stucco Cement	100%			2036	* *	5	$3,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,100	
Ceramic Tile	5%	Now	$28,400	2034	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Boys 5th Floor Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Boys 5th Floor Bathrooms								
Sheet Vinyl/Rubber	5%			2031	$659,200	5	$15,100	
Terrazzo	3%			LIFE	* *	5	$4,700	
Vinyl Tile	40%			2031	$2,226,700	3	$30,200	
Vinyl Tile 9" X 9"	12%	Now	$213,400	2041	* *	3	$9,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Stairwell Behind Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout Various Stairwells, Corridors And Classrooms								
Wood	25%	Now	$300,500	2046	* *	5	$47,200	
Misaligned/Bulging, Extent : Severe, Area Affected : 35%								
Location : Throughout Classrooms And Upper Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Classrooms And Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Glass: Single Pane	3%			LIFE	* *	5	$5,200	
Masonry: Brick	17%	Now	$371,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Electrical Room In Basement								
Metal: Cage/Fence	3%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	10%	Now	$111,600	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stair 8 And 9, Gymnasium Stair, Exit Stair Behind Auditorium Stage								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 8 And 9, Gymnasium Stair, Electrical Room In Basement								
Plaster	54%			LIFE	* *	5	$37,100	
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,700	
Plaster	85%	Now	$104,000	LIFE	* *	5	$106,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Exit Stair Behind Auditorium Stage, At Sidewalk Hatch In Basement (Avenue O)								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Asphalt	60%			2034	* *			
Cast in Place Concrete	20%			2036	* *			
Masonry: Granite	20%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2034	* *			
Activity Yard								
Asphalt	98%			2034	* *			
Rubber Matting	2%			2031	$26,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service, Main Service Protector Rated At 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$208,100	5	$400	
Fused Disc Sw	20%			2051	* *	5	$100	
Raceway								
Conduit	85%			2031	$207,200	1		
Conduit	15%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	10%			2047	* *	5	$300	
Molded Case Bkrs	75%	4+	$71,800	2039	* *	5	$1,100	
Mech. Misoperation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wiring								
Braided Cloth	85%	2-4	$290,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$700	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Connected To Painted Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	80%			2036	* *	10	$78,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	8%	Now	$2,600	2031	$127,600			
Damaged Fixtures, Extent : Moderate, Area Affected : 50%								
Location : 5th Floor Robotics Laboratory								
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 50%								
Location : 5th Floor Robotics Laboratory								
Incandescent	2%			2026	$59,300	2		
LED	10%	Now	$59,300	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Gymnasiums								
Explanation : 50 Percent Of LED Fixtures Are Not Working								
Egress Lighting								
Emergency, Battery	50%	Now	$1,800	2031	$89,800			
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
No Component	80%							
Under Construction	20%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$60,300	1	$12,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion Alarm Only, No Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$82,800	1-3	$19,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$106,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	85%			2031	$728,300			
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Beyond The Boiler Room								
Steam Piping/Pump	15%	0-2	$77,100	2061	* *			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room Condensate Pumps And Various Valves								
Terminal Devices								
Air Handler	20%	Now	$40,300	2031	$402,700	1	$11,900	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement Unit Bearings Need Replacing								
Convector/Radiator	45%			2029	$393,700	1	$15,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	35%			2026	$928,500	1	$12,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Most Classrooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Most Classrooms								
Explanation : Unit Ventilators Observed								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit For Computer Room								
Window/Wall Unit	20%			2026	$81,100	1		
Window/Wall Unit	10%	0-2	$24,300	2031	$40,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,700	
Exhaust Fans								
Interior	100%	Now	$47,500	2031	$474,600	2	$2,600	
Broken, Extent : Severe, Area Affected : 20%								
Location : Auditorium Fan								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2041	* *	1		
Galvanized Steel	80%			2029	$1,092,800	1		
On Extended Life, Extent : Light, Area Affected : 90%								
Location : Throughout								
Galvanized Steel	10%	Now	$54,600	2051	* *	1		
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement Water Tank And Pumps								
Pump(s) Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Booster Pumping System								
Water Heater With Tanks								
Gas Fired	100%			2029	$34,200	2		
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Cast Iron	10%	Now	$80,900	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Near Water Main								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2031	$21,400	4	$2,300	
Backflow Preventer								
No Component	80%							
Generic	20%			2036	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement Boiler Room								
Explanation : Unit Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2041	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 197 - BX MINISCHOOL #1 - NORTH**
Address : **1250 WARD AVENUE FRONTING E.172 STREET**
Borough : **BRONX** **Agency's Number** : **X976**
Program / Asset # : **BOE0218.010 / 448** **Yr Built/Renovated** : **1998 /**
Area Sq Ft : **10,000** **Project Type** : **EDUCATION**
Date of Survey : **10-Dec-2020** **Landmark Status** : **NONE**
Areas Surveyed : **Floors 1**
Block : **3775** **Lot** : **25** **BIN** : **2088553**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$67,100	$671,000
Electrical	$141,600	$209,200
Mechanical	$65,200	$162,900
Total	**$273,900**	**$1,043,100**
Importance Code A	$67,100	$736,000
Importance Code B	$206,800	$307,100
Total	**$273,900**	**$1,043,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,000			
Interior Architecture	$12,800	$1,900	$400	
Electrical	$200	$300	$400	$33,900
Mechanical	$500	$100	$900	$100
Total	**$37,600**	**$2,300**	**$1,700**	**$33,900**
Importance Code A	$24,000			
Importance Code B	$13,600	$2,300	$1,700	$33,900
Total	**$37,600**	**$2,300**	**$1,700**	**$33,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #1 - NORTH
Asset # : 448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$24,000	2042	* *	5	$34,000	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$1,900	
Roof								
Single Ply Membrane	100%	0-2	$67,100	2032	$671,000			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout, Manor Avenue Flashing								
Interior								
Floors								
Ceramic Tile	5%			2041	* *	5	$800	
Vinyl Tile	95%			2037	* *	3	$5,700	
Interior Walls								
Fiberglass Panel	100%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	0-2	$12,800	2049	* *	5	$7,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 1, 4, 10								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2032	$65,000	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Air Circuit Breaker	100%			2032	$65,000	5	$100	
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	95%			2031	$28,400	5	$300	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #1 - NORTH
Asset # : 448

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	95%			2027	$141,600	10	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2032	$7,500	10	$500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Lobby Entrance								
Egress Lighting								
Emergency, Battery	50%			2027	$8,400	10	$1,200	
Exit, Service	50%			2027	$2,200	1		
Exterior Lighting								
HID	20%			2027	$9,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$3,800	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Strobe Lights, Alarm Bell, Horn, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2052	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #1 - NORTH
Asset # : 448

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	Now	$65,200	2030	$162,900	2	$500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : 3 Out Of 11 Units Not Working, In The 1st Floor. Rooms 3, 4 And 9								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 11 Individual Units Providing Cooling And Heating								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,600	
Exhaust Fans								
Interior	80%			2037	* *	2	$200	
Roof	20%			2037	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Electric	100%	Now	$500	2030	$23,600	4		
Broken, Extent : Moderate, Area Affected : 30%								
Location : Various Location. 3 Units Are Out Of Service								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted In Each Classroom								
Explanation : 11 Small Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 197 - BX MINISCHOOL #2 - SOUTH**
Address : **1250 WARD AVENUE SOUTH OF MAIN BLDG.**
Borough : **BRONX**
Agency's Number : **X982**
Program / Asset # : **BOE0218.020 / 13410**
Yr Built/Renovated : **1999 /**
Area Sq Ft : **10,000**
Project Type : **EDUCATION**
Date of Survey : **10-Dec-2020**
Landmark Status : **NONE**
Areas Surveyed : **Floors 1**
Block : **3775** **Lot** : **25** **BIN** : **2088553**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$67,100	$671,000
Electrical	$141,600	$144,100
Mechanical		$162,900
Total	**$208,700**	**$978,100**
Importance Code A	$67,100	$671,000
Importance Code B	$141,600	$307,100
Total	**$208,700**	**$978,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,000			
Interior Architecture	$33,700	$1,900		
Electrical	$200	$300	$400	$34,000
Mechanical	$17,300	$100	$900	$23,700
Total	**$75,300**	**$2,300**	**$1,300**	**$57,700**
Importance Code A	$24,000			
Importance Code B	$32,000	$2,300	$1,300	$57,700
Importance Code C	$19,300			
Total	**$75,300**	**$2,300**	**$1,300**	**$57,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #2 - SOUTH
Asset # : 13410

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$24,000	2042	* *	5	$34,000	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$1,900	
Roof								
Single Ply Membrane	100%	2-4	$67,100	2032	$671,000			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%	Now	$2,200	2041	* *	5	$400	
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Boys And Girls Toilets, Major Crack Along Wall And Floor Of Boys Toilet								
Vinyl Tile	95%			2037	* *	3	$5,700	
Interior Walls								
Ceramic Tile	5%	Now	$1,400	2041	* *	5	$700	
Vertical Cracks, Extent : Severe, Area Affected : 10%								
Location : Boys Bathroom								
Fiberglass Panel	95%	Now	$17,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Delaminating Strip At Hallway Wall								
Ceilings								
AcousTileSusp.Lay-In	95%	0-2	$12,200	2045	* *	5	$7,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 1 And 2								
Plaster	5%			LIFE	* *	5	$500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$65,000	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #2 - SOUTH
Asset # : 13410

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	95%			2031	$28,400	5	$300	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	95%			2027	$141,600	10	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2032	$7,500	10	$500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Lobby Entrance								
Egress Lighting								
Emergency, Battery	50%			2027	$8,400	10	$1,200	
Exit, Service	50%			2027	$2,200	1		
Exterior Lighting								
HID	20%			2027	$9,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$3,800	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Alarm Bell, Pull Box Station, Horn And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #2 - SOUTH
Asset # : 13410

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2052	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	10%	0-2	$500	2032	$24,800	1	$300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Passageway. Electric Heater Not Working								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Passageway								
Explanation : Electric Heater								
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	Now	$16,300	2030	$162,900	2	$500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : 2 Out Of 11 Units Not Working In The 1st Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 11 Individual Units Providing Cooling And Heating								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,600	
Exhaust Fans								
Interior	80%			2037	* *	2	$200	
Roof	20%			2032	$3,900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Electric	100%	0-2	$500	2027	$23,600	4		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 1 Out Of 2 Units In The 1st Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 197 - M**		
Address	: **2230 5TH AVENUE @ W. 135 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M197**
Program / Asset #	: **BOE0118.000 / 1640**	**Yr Built/Renovated**	: **1956 / 2012**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1733** **Lot** : **17**	**BIN**	: **1076433**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$67,500
Interior Architecture	$10,130,700	
Electrical	$95,600	$417,800
Mechanical	$1,380,800	$805,800
Site Pavements	$68,200	
Total	**$11,675,200**	**$1,291,100**
Importance Code A		$67,500
Importance Code B	$10,979,100	$1,223,600
Importance Code C	$696,100	
Total	**$11,675,200**	**$1,291,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$87,100
Interior Architecture	$38,000	$8,300	$5,200	$12,700
Electrical	$42,300	$2,600	$2,100	$58,000
Mechanical	$66,000	$12,400	$19,300	$30,100
Site Enclosure	$5,100			
Total	**$151,500**	**$23,300**	**$26,600**	**$187,900**
Importance Code A	$8,300	$8,300	$8,300	$95,400
Importance Code B	$138,000	$14,900	$13,100	$92,400
Importance Code C	$5,100		$5,200	
Total	**$151,500**	**$23,300**	**$26,600**	**$187,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$47,800	
Masonry: Limestone	3%			LIFE	* *	5	$1,100	
Granite Panels	2%			LIFE	* *	5	$800	
Windows								
Aluminum	100%			2048	* *	5	$24,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$5,700	
Masonry: Limestone	10%			LIFE	* *	5	$800	
Roof								
Built-Up (BUR)	50%			2037	* *	10	$45,900	
Copper/Terne	5%			2060	* *	10	$11,500	
Modified Bitumen	45%			2037	* *	10	$41,300	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$67,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,800	
Ceramic Tile	5%			2035	* *	5	$6,800	
Quarry Tile	4%			2045	* *	5	$8,100	
Terrazzo	5%	Now	$63,200	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Steps To Basement								
Vinyl Tile	40%	Now	$29,900	2037	* *	3	$20,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Various								
Vinyl Tile	5%			2040	* *	3	$2,500	
Vinyl Tile 9" X 9"	35%	Now	$167,100	2027	$8,354,900	3	$17,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : 1st And 2nd Floors, Rooms 221, 107,113,115,220, B9								
Wood	1%	Now	$8,100	2047	* *	5	$1,300	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Stage								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$10,300	
Concrete Masonry Unit	60%	Now	$232,600	LIFE	* *	5	$49,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Glazed Ceramic Panel	5%			LIFE	* *			
SGFT/Glazed Masonry	25%	Now	$463,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : First And Second Floors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$191,700	2052	* *	5	$12,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Cafeteria, Offices, Corridors								
Exposed Struc: Concrete	60%			LIFE	* *	5	$12,400	
Metal Panel	25%	Now	$657,600	LIFE	* *	5	$41,400	
Deformed/Dented, Extent : Severe, Area Affected : 25%								
Location : Corridors, Basement, 1st, 2nd, Floors, Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Corridors, Basement, 1st, 2nd, Floors, Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	90%	Now	$5,100	2042	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Iron Picket	10%			2037	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$68,200	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 5th Avenue Side, 135th Street								
On-Site Walkways								
Cast in Place Concrete	90%			2045	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	10%			2045	* *			
Rubber Matting	90%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2058	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2058	* *	5	$400	
Raceway								
Conduit	60%			2032	$121,100	1		
Conduit	40%			2058	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2054	* *	5	$100	
Fused Disc Sw	5%			2031	$12,000	5	$100	
Molded Case Bkrs	90%			2054	* *	5	$2,000	
Wiring								
Thermoplastic	60%			2032	$175,000	1		
Thermoplastic	40%			2058	* *	1		
Motor Controllers								
Locally Mounted	20%			2049	* *	5	$100	
Locally Mounted	40%			2030	$47,800	5	$200	
Variable Frequency Drive	40%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$74,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	40%			2027	$56,400	10	$8,100	
Emergency, Battery	10%			2040	* *	10	$2,000	
Exit, Service	45%			2027	$16,300	1		
Exit, Service	5%			2040	* *	1		
Exterior Lighting								
HID	10%			2027	$39,200	10		
HID	10%	Now	$39,200	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Rooftop Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$31,500	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$15,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Basement								
Explanation : Fire Alarm Panel Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$9,600	2052	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement								
Explanation : Gas Booster Is Broken								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$83,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$708,600	2052	* *	4	$4,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. Leaking Steam Traps, Condensate Return Piping And Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	30%	Now	$23,700	2027	$474,200	1	$14,000	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : One Blower Out Of Service. Repair In Progress								
Convector/Radiator	70%			2037	* *	1	$19,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2032	$99,700			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Communication Room								
Explanation : 1 Unit. R-410a								
Window/Wall Unit	30%	0-2	$4,800	2025	$95,500	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various								
No Component	65%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Central Air Conditioning Components Were Condemned								
Terminal Devices								
Fan Coil - 2 Pipe	5%			2032	$44,800	1	$1,400	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2032	$7,700	2	$2,900	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,800	
Exhaust Fans								
Interior	30%			2032	$111,800	2	$800	
Roof	70%			2037	* *	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%	0-2	$10,700	2030	$536,200	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Water Main								
Water Heater With Tanks								
Gas Fired	100%			2027	$102,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,900	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : After Heavy Rain, Storm Water Backs Up								
Sump Pump(s)								
Non-Submersible	100%			2027	$16,800	4	$1,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$58,100	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - M
Asset # : 1640

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 197 - Q**		
Address	: **825 HICKSVILLE ROAD @ BEACH 9TH ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q197**
Program / Asset #	: **BOE0838.000 / 1498**	**Yr Built/Renovated**	: **1963 / 2001**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **15597** **Lot** : **1**	**BIN**	: **4298856**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$120,800	$169,300
Interior Architecture	$1,360,900	$94,000
Electrical	$358,300	$552,500
Mechanical	$1,488,100	$3,212,500
Site Pavements		$78,700
Total	**$3,328,100**	**$4,107,000**
Importance Code A	$120,800	$840,400
Importance Code B	$3,207,300	$3,266,600
Total	**$3,328,100**	**$4,107,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,200			
Interior Architecture	$187,900		$25,200	$9,600
Electrical	$34,300	$4,500	$4,500	$6,500
Mechanical	$55,900	$14,900	$16,600	$11,100
Site Enclosure	$23,500			
Site Pavements	$53,000			
Total	**$433,800**	**$19,400**	**$46,300**	**$27,300**
Importance Code A	$86,800	$7,600	$7,600	$7,600
Importance Code B	$235,100	$11,800	$38,700	$19,700
Importance Code C	$111,800			
Total	**$433,800**	**$19,400**	**$46,300**	**$27,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$13,500	
Masonry: Brick	78%			LIFE	* *	5	$112,400	
Pre-Cast Concrete	20%			LIFE	* *	5	$93,600	
Windows								
Aluminum	100%	Now	$64,600	2049	* *	5	$6,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 15%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2041	* *	10	$113,100	
Soffits								
Cast in Place Concrete	100%	Now	$25,600	LIFE	* *	5	$21,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	4+	$20,500	LIFE	* *	5	$26,400	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout Basement								
Ceramic Tile	3%	Now	$10,200	2042	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Toilets And Kitchen								
Terrazzo	2%	0-2	$4,500	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	20%			2038	* *	3	$9,000	
Vinyl Tile 9" X 9"	64%	Now	$1,360,900	2043	* *	3	$28,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	1%			2061	* *	5	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$8,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room Throughout								
Ceramic Tile	5%	Now	$15,100	2042	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Toilets And Kitchen								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,800	
Masonry: Brick	10%			LIFE	* *	10	$3,300	
Plaster	40%			LIFE	* *	5-10	$37,400	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$16,500	
Ceilings								
AcousTileConcealSpLn	20%	0-2	$19,400	2046	* *	5	$15,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	35%			2046	* *	5	$42,200	
Exposed Struc: Concrete	27%			LIFE	* *	5-10	$40,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,000	
Fiber Board	5%			2033	$94,000			
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Metal Panel	3%			LIFE	* *	5	$9,000	
Plaster	5%	0-2	$9,200	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 3rd Floor								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	0-2	$3,500	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	50%	0-2	$16,200	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%			2043	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$3,900	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Area Stucco Mural								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Play Area								
Explanation : Stucco Mural								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$30,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Beach 9th Street								
On-Site Walkways								
Cast in Place Concrete	85%	4+	$14,800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pavers/Stone	15%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$5,400	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Dumpster Location								
Activity Yard								
Cast in Place Concrete	50%	2-4	$2,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Upper Playground								
Rubber Matting	50%			2033	$78,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2033	$36,200	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Fused Disc Sw	20%			2059	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$156,100	5	$300	
Fused Disc Sw	20%			2059	* *	5	$100	
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2059	* *	1		
Panelboards								
Fused Disc Sw	15%			2032	$26,900	5	$300	
Fused Disc Sw	10%			2055	* *	5	$200	
Molded Case Bkrs	10%			2055	* *	5	$200	
Molded Case Bkrs	65%			2032	$116,800	5	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2059	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$400	
Locally Mounted	20%	2-4	$23,900	2053	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2041	* *	10	$63,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	7%			2041	* *	10	$4,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
LED	3%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$9,300	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$198,600	2043	* *	1-3	$43,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$179,100	5	$23,900	
Conversion Equipment								
Steam Boiler	100%			2031	$671,100	1	$76,300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	10%	0-2	$3,100	2033	$61,700			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Several Locations As Noted								
Explanation : Clogged Return Line At Rooms 315, 308, 208, 107. No Temperature Control For Auditorium And Gymnasium.								
Steam Piping/Pump	90%			2033	$554,900			
Terminal Devices								
Air Handler	20%			2033	$289,800	1	$9,500	
Convector/Radiator	70%			2038	* *	1	$17,400	
Fan Coil Unit/Heat	10%			2028	$190,900	1	$2,500	
Controls								
Pneumatic	100%			2027	$1,488,100			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2031	$175,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	3%	0-2	$2,000	LIFE	* *	2-5	$1,300	
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Louvers, Gymnasium And Auditorium								
Ductwork/Diffusers	97%			LIFE	* *	2-5	$65,900	
Exhaust Fans								
Interior	5%	Now	$900	2033	$17,100	2	$100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Motor Of House Exhaust Fan, 3rd Floor Fan Room.								
Interior	90%			2033	$307,400	2	$2,100	
Roof	5%			2033	$7,500	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2043	* *	1		
Galvanized Steel	40%	0-2	$7,900	2031	$393,200	1		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Cross Bay Area.								
Explanation : Water Main Valve Does Not Hold.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%	Now	$3,400	2033	$17,100	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2033	$372,300	4	$11,400	
Sanitary Piping								
Cast Iron	15%	Now	$2,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Bathroom Leaks To Kindergarten Storage Room.								
Cast Iron	85%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$15,400	4	$2,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Basement Girls Room And 2nd Floor Boys Room								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$31,900	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 198 - BK**		
Address	: **4105 FARRAGUT ROAD BTWN: ALBANY AVE., EAST 42 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K198**
Program / Asset #	: **BOE0493.000 / 1311**	**Yr Built/Renovated**	: **1931 / 1996**
Area Sq Ft	: **64,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4988** **Lot** : **66**	**BIN**	: **3113388**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$488,600	$75,500
Interior Architecture	$205,300	$2,475,100
Electrical	$1,152,000	$671,500
Mechanical	$562,000	$558,400
Total	**$2,408,000**	**$3,780,500**
Importance Code A	$488,600	$75,500
Importance Code B	$1,919,300	$3,705,000
Total	**$2,408,000**	**$3,780,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$48,200		
Interior Architecture	$190,300	$9,300	$4,400	$9,700
Electrical	$40,800	$30,500	$1,400	$1,200
Mechanical	$102,600	$23,000	$18,500	$11,400
Site Enclosure	$5,400			
Site Pavements	$1,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$344,200**	**$114,900**	**$28,200**	**$26,300**
Importance Code A	$6,300	$54,700	$6,300	$6,300
Importance Code B	$288,100	$60,200	$17,500	$20,000
Importance Code C	$49,700		$4,400	
Total	**$344,200**	**$114,900**	**$28,200**	**$26,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$75,500	
Masonry: Granite	2%			LIFE	* *	5	$1,300	
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Metal: Cage/Fence	5%			2043	* *	5	$19,400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : At Courtyard								
Pre-Cast Concrete	3%			LIFE	* *	5	$8,700	
Windows								
Aluminum	95%	Now	$488,600	2046	* *	5	$10,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Louvers	5%			2039	* *	10	$6,700	
Parapets								
Masonry: Brick	68%			LIFE	* *	5	$6,500	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,200	
Metal Panel	2%			2050	* *	5	$700	
Metal Rail	15%			2043	* *	5-10	$25,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Roof								
Metal Panel	5%			2043	* *	10	$4,600	
Modified Bitumen	95%			2035	* *	10	$47,800	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,900	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement Mechanical Areas								
Mosaic Tile	5%	Now	$46,800	2035	* *	5	$6,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Toilets Throughout								
Quarry Tile	2%	Now	$7,300	2035	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Sheet Vinyl/Rubber	5%	Now	$97,900	2030	$326,200	5	$3,700	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout Auditorium								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Throughout Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout Auditorium								
Terrazzo	5%			LIFE	* *	5	$3,900	
Vinyl Tile	78%	Now	$107,400	2030	$2,148,900	3	$29,200	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Corridors And Classrooms Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors And Classrooms Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors And Classrooms Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Corridors And Classrooms Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$3,800	2039	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	5%	Now	$11,000	LIFE	* *	5	$2,300	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Electrical Room And Boiler Room								
Folding Partition	3%			2046	* *	5	$8,700	
Gypsum Board	5%			LIFE	* *	5	$3,500	
Masonry: Brick	7%			LIFE	* *			
Metal Panel	2%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$28,400	LIFE	* *	5	$17,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Classrooms Throughout								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2035	* *	5	$18,700	
AcousTileSusp.Lay-In	25%	Now	$41,500	2035	* *	5	$12,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Auditorium								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Auditorium								
Exposed Struc: Concrete	15%	Now	$44,800	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement At Ash Hoist								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement At Ash Hoist								
Metal Panel	5%			LIFE	* *	5	$6,200	
Plaster	29%			LIFE	* *	5	$18,100	
Plaster	11%	4+	$6,700	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%	Now	$1,300	2050	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : At Dumpsters								
Iron Picket	75%	Now	$4,200	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Along Farragut Road								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	75%			2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	25%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$1,100	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Dumpsters								
Activity Yard								
Asphalt	50%			2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Rubber Matting	50%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere And One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Raceway								
Conduit	100%			2030	$144,600	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2029	$9,000	5	$100	
Molded Case Bkrs	95%			2029	$170,600	5	$1,600	
Wiring								
Braided Cloth	50%	2-4	$99,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2040	* *	1		
Motor Controllers								
Locally Mounted	90%			2028	$107,500	5	$400	
Variable Frequency Drive	10%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$935,000	10	$57,500	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	2%			2025	$15,200	10		
Egress Lighting								
Emergency, Battery	50%	Now	$26,900	2030	$53,700			
Not Functioning, Extent : Moderate, Area Affected : 50%								
Location : Battery Failure Throughout								
Exit, Service	50%			2025	$13,800	1		
Exterior Lighting								
HID	20%	Now	$11,900	2025	$59,700			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Courtyard Lighting Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$4,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$7,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$63,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$10,300	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam Header In Basement								
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Boiler Room								
Explanation : Steam Valves Old And Corroding.								
Terminal Devices								
Air Handler	25%	4+	$30,100	2030	$301,100	1	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room In Basement								
Explanation : Loose Belts And Rust On Motors.								
Convector/Radiator	50%			2035	* *	1	$10,300	
Fan Coil Unit/Heat	25%			2025	$396,700	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Classrooms								
Explanation : Unit Ventilators In Old Wing								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	10%			2028	$101,200	2	$400	
Window/Wall Unit	40%	Now	$9,700	2025	$97,000	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
No Component	50%							
Heat Rejection								
Dry Cooler	10%			2030	$14,700	2	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Low Roof								
Explanation : Serves Cafeteria.								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%	Now	$17,000	2030	$56,800	2	$300	
Broken, Extent : Severe, Area Affected : 90%								
Location : 1 Of 3 Fans Broken In Fan Room								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : 1 Of 3 Fan Housing In Fan Room.								
Roof	3%	Now	$3,700	2030	$3,700	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Toilet Exhaust E7 At Roof								
Roof	77%			2030	$95,600	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$68,300	2		
Sanitary Piping								
Cast Iron	100%	Now	$16,100	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Break In Sanitary Line Below Auditorium								
Storm Drain Piping								
Cast Iron	100%	Now	$4,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Backups From Area Drains Into Auditorium								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,400	
Sewage Ejector(s)								
Electric	100%			2030	$33,500	4	$2,500	
Backflow Preventer								
Generic	100%			2035	* *	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Services.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$32,300	
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$1,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2025	$2,400	1-3	$2,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 198 - BX**		
Address	: **1180 TINTON AVENUE BTWN: HOME ST., EAST 168 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X198**
Program / Asset #	: **BOE0312.000 / 1100**	**Yr Built/Renovated**	: **1974 /**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2672** **Lot** : **1**	**BIN**	: **2004869**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,828,700	$1,000,000
Interior Architecture	$268,200	$1,137,000
Electrical	$200,200	$1,549,900
Mechanical	$1,147,300	$2,258,100
Site Pavements	$85,000	
Total	**$5,529,500**	**$5,945,000**
Importance Code A	$3,828,700	$1,051,400
Importance Code B	$1,611,900	$4,893,600
Importance Code C	$88,900	
Total	**$5,529,500**	**$5,945,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,900	$6,700		
Interior Architecture	$18,200	$3,700	$32,100	
Electrical	$3,900	$3,500	$3,400	$2,900
Mechanical	$55,500	$49,100	$29,300	$22,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$90,300**	**$67,000**	**$68,700**	**$29,700**
Importance Code A	$19,000	$17,100	$10,100	$10,100
Importance Code B	$71,400	$50,000	$47,200	$19,500
Importance Code C			$11,400	
Total	**$90,300**	**$67,000**	**$68,700**	**$29,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%	Now	$1,454,100	LIFE	* *	5	$166,900	1
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Expansion Joint Failure, Extent : Severe, Area Affected : 25%								
Location : All Facades								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Below 4th Floor Windows								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Below 4th Floor Windows								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	2%			2050	* *	5-10	$24,700	
Metal: Cage/Fence	5%	2-4	$8,900	2035	* *	5	$19,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$1,728,300	2055	* *	5	$18,100	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Bent/Warped Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	80%	Now	$106,000	LIFE	* *	5	$10,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : At Corners Of Upper And Lower Roofs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Under Coping Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Miss/Damaged Copings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Upper Roof Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$800	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Security Bars	15%			2058	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	35%	Now	$83,300	2030	$833,100			
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Lower Roof								
Vegetation Growth, Extent : Severe, Area Affected : 25%								
Location : Lower Roof And Upper Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : No Access To Area, Survey From Top Of Neighboring School								
IRMA/Protected Membrane	60%	Now	$457,000	2040	* *			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Insul Miss/Displaced, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 25%								
Location : Upper Roof								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Throughout Upper Roof								
Metal Panel	5%			2043	* *	10	$7,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,800	
Ceramic Tile	3%			2033	$336,500	5	$6,000	
Ceramic Tile	2%			2043	* *	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$7,800	
Vinyl Tile	83%			2038	* *	3	$61,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Wood	2%			2045	* *	5	$7,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,300	
Folding Partition	5%			2046	* *	5	$22,800	
Gypsum Board	10%			LIFE	* *	5	$11,000	
Metal Panel	10%			LIFE	* *			
Plaster	40%	0-2	$88,900	LIFE	* *	5	$21,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Room 401a								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$80,000	2028	$800,400	5	$31,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout Cafeteria, G16								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout Cafeteria								
AcousTileSusp.Lay-In	5%	2-4	$99,200	2050	* *	5	$5,000	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5	$15,500	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%	Now	$18,200	LIFE	* *	5	$18,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Room 401A								
Site Enclosure								
Fence/Gates								
Chain Link	45%			2050	* *			
Iron Picket	55%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Masonry: Granite	100%			LIFE	* *			
Activity Yard								
Asphalt	100%	Now	$85,000	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Home Street And Union Avenue								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switch Rated At 3,000 Amperes And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$400	
Raceway								
Conduit	95%			2030	$231,500	1		
Conduit	5%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	70%			2029	$167,600	5	$1,900	
Molded Case Bkrs	20%			2038	* *	5	$500	
Wiring								
Thermoplastic	90%			2030	$307,700	1		
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	35%			2028	$63,500	5	$200	
Locally Mounted	25%			2035	* *	5	$200	
Motor Control Center	40%			2028	$290,800	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	92%			2038	* *	10	$86,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2038	* *	10	$3,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallway And Mechanical Room								
Fluorescent	2%			2038	* *	10	$1,900	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$85,600	10	$12,300	
Exit, Service	50%			2030	$22,000	1		
Exterior Lighting								
HID	30%			2025	$142,800	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2033	$34,700	5	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$57,400	1	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm And Motion Sensors Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$18,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Mechanical Room								
Explanation : Alarm Bells, Smoke Detectors, Strobe Lights, Horns And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	30%	0-2	$1,400	2040	* *	5	$4,700	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Explanation : Defective Oil Distribution Pump								
Fuel Oil No 2	70%			2040	* *	5	$22,100	
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$101,000	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	20%			2038	* *	4	$1,000	
Steam Piping/Pump	5%	0-2	$2,000	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 75%								
Location : Thermostats, Throughout								
Steam Piping/Pump	75%			2030	$612,600			
Terminal Devices								
Air Handler	5%	0-2	$4,800	2030	$96,000	1	$2,800	
Broken, Extent : Moderate, Area Affected : 10%								
Location : No. 1 Unit Motor								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Control Valves Of Cafeteria And Auditorium Blower								
Air Handler	15%			2030	$287,900	1	$9,500	
Convector/Radiator	70%			2035	* *	1	$23,100	
Fan Coil Unit/Heat	3%	0-2	$1,500	2025	$75,900	1	$900	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Power Switches, Various Locations In Ground Floor								
Fan Coil Unit/Heat	7%			2025	$177,000	1	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2025	$376,200	1	$11,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, 2 In 2nd Floor, 1 In Penthouse								
Window/Wall Unit	55%			2025	$212,500	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	25%			2040	* *	4	$1,900	
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2030	$395,800	1	$15,800	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2025	$59,100	2	$17,800	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,900	
Exhaust Fans								
Interior	20%	0-2	$4,500	2030	$90,500	2	$500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motors, Fan Room								
Roof	40%	0-2	$4,000	2025	$79,200	2	$1,000	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Roof	40%			2025	$79,200	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2025	$88,300	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$9,900	2030	$493,200	4	$10,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Bottom Of The Unit, Boiler Room								
Sanitary Piping								
Cast Iron	30%	0-2	$7,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Underground Of Exit 15, 1st Floor								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2030	$20,400	4	$2,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$51,400	
Sprinkler								
No Component	80%							
Generic	20%			2030	$282,100	1-2	$5,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 198 - M**		
Address	: **1700 3RD AVENUE BTWN: EAST 95 ST., EAST 96 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M198**
Program / Asset #	: **BOE0119.000 / 1641**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1524** **Lot** : **23**	**BIN**	: **1048492**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,639,900
Interior Architecture	$14,775,100	$948,700
Electrical	$756,100	$730,400
Mechanical	$176,600	$2,177,100
Total	**$15,707,800**	**$5,495,900**
Importance Code A		$1,639,900
Importance Code B	$15,707,800	$3,288,700
Importance Code C		$567,400
Total	**$15,707,800**	**$5,495,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$16,900	$4,900	$25,600
Interior Architecture	$11,300	$7,600	$3,000	$10,100
Electrical	$73,500	$43,000	$1,800	$2,000
Mechanical	$37,100	$12,600	$21,300	$12,600
Site Pavements	$200			
Total	**$122,200**	**$80,100**	**$31,000**	**$50,400**
Importance Code A	$9,000	$26,100	$13,900	$34,600
Importance Code B	$101,600	$54,100	$17,100	$15,800
Importance Code C	$11,600			
Total	**$122,200**	**$80,100**	**$31,000**	**$50,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	* *	5	$12,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal/Glass Curt Wall	60%			LIFE	* *	5	$56,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal: Cage/Fence	15%			2043	* *	5	$33,000	
Windows								
Aluminum	98%			2052	* *	5	$23,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Louvers	2%			2039	* *	10	$3,000	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$2,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal/Glass Curt Wall	35%			2056	* *	5	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Metal Panel	5%			2056	* *	5	$1,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Rail	20%			2047	* *	5-10	$22,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Copper/Terne	5%			2058	* *	10	$11,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	70%			2030	$1,519,100	10	$64,200	
Not Accessible	25%							
Soffits								
Stucco Cement	100%			2035	* *	5	$33,800	
Interior								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,600	
Ceramic Tile	5%			2033	$381,300	5	$6,800	
Sheet Vinyl/Rubber	5%			2035	* *	5	$10,100	
Vinyl Tile	18%			2035	* *	3	$9,100	
Vinyl Tile 9" X 9"	60%	Now	$286,500	2025	$14,322,700	3	$30,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	2%			2045	* *	5	$5,100	
Interior Walls								
Ceramic Tile	5%	4+	$11,300	2033	$567,400	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stairwells								
Concrete Masonry Unit	13%			LIFE	* *	5	$10,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$30,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	2%			LIFE	* *	5	$16,500	
Ceilings								
AcousTileConcealSpLn	25%	Now	$106,500	2035	* *	5	$20,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	8%			2043	* *	5	$10,600	
Exposed Struc: Concrete	15%	Now	$59,500	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Boiler Room								
Metal Panel	2%			LIFE	* *	5	$3,300	
Plaster	50%			LIFE	* *	5	$41,400	
Site Enclosure								
Fence/Gates								
Under Construction	100%							
Free Standing Walls								
Not Accessible	100%							
Retaining Walls								
Not Accessible	100%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2035	* *			
Masonry: Granite	10%	Now	$200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Entrance Steps								
Parking/Driveway								
Not Accessible	100%							

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Not Accessible	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Service Switches Rated At 1,200 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$227,600	5	$2,400	
Raceway								
Conduit	95%			2030	$191,700	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$12,000	5	$100	
Molded Case Bkrs	90%			2029	$215,500	5	$2,200	
Molded Case Bkrs	5%			2046	* *	5	$100	
Wiring								
Braided Cloth	85%	2-4	$248,000	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2040	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$95,500	5	$500	
Locally Mounted	20%	2-4	$14,300	2050	* *	5	$100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$75,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2035	* *	10	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Compact Fluorescent Lamps								
Egress Lighting								
Emergency, Battery	25%			2035	* *	10	$5,500	
Exit, Service	75%			2035	* *	1		
Exterior Lighting								
HID	100%			2025	$424,600	10	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior Lights Are To Be Replaced Under The Ongoing School Contract.								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$34,200	1	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$46,900	2040	* *	1-3	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Obsolete Fire Alarm System Having Frequent Problems.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$90,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : New								

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%			2056	* *	4	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Return Piping								
Explanation : Recent Repair								
Terminal Devices								
Air Handler	20%			2030	$342,500	1	$11,300	
Convector/Radiator	70%			2035	* *	1	$20,600	
Fan Coil Unit/Heat	10%			2030	$225,600	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2029	$344,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,700	
Exhaust Fans								
Roof	100%	Now	$17,700	2025	$176,600	2	$2,200	
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$1,161,700	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$102,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Unit								
HW Heat Exchanger								
Steam Fired	100%			2056	* *	4	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$18,200	4	$1,900	
Backflow Preventer								
No Component	90%							
Generic	10%			2038	* *	1	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : For Boiler Feed Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 199 - BK**		
Address	: **1100 ELM AVE. BTWN: CONEY ISLAND AVE, EAST 1**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K199**
Program / Asset #	: **BOE0494.000 / 5**	**Yr Built/Renovated**	: **1930 / 1997**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6740** **Lot** : **25**	**BIN**	: **3180761**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$756,800	$999,000
Interior Architecture	$448,100	$422,200
Electrical	$270,300	$1,301,400
Mechanical	$268,300	$1,065,700
Total	**$1,743,500**	**$3,788,200**
Importance Code A	$756,800	$999,000
Importance Code B	$986,700	$2,594,100
Importance Code C		$195,100
Total	**$1,743,500**	**$3,788,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$50,700			
Interior Architecture	$149,800			$3,800
Electrical	$1,300	$24,800	$1,900	$1,200
Mechanical	$22,300	$9,400	$15,900	$9,400
Site Enclosure	$60,300			
Site Pavements	$6,000			
Total	**$290,400**	**$34,200**	**$17,800**	**$14,400**
Importance Code A	$57,500	$6,900	$6,700	$6,700
Importance Code B	$75,000	$27,300	$11,000	$7,700
Importance Code C	$158,000			
Total	**$290,400**	**$34,200**	**$17,800**	**$14,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%	Now	$451,000	LIFE	* *	5	$109,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Northwest And Northeast Corners								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Northwest And Northeast Corners								
Masonry: Limestone	5%	Now	$92,800	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Northwest And Northeast Corners								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Coiling Doors	2%			2043	* *	5	$7,400	
Windows								
Aluminum	95%	Now	$142,200	2046	* *	5	$14,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Steel	5%	Now	$70,800	2055	* *	5	$9,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$21,200	
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Roof								
Metal Panel	5%	Now	$6,200	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead								
Modified Bitumen	95%	Now	$44,500	2030	$889,400			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Roof 322 And 324								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,200	
Ceramic Tile	3%	Now	$8,600	2033	$172,500	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%	4+	$9,500	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Lobby								
Vinyl Tile	30%	4+	$16,900	2035	* *	3	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	57%	Now	$346,800	2045	* *	5	$54,500	
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : Classrooms Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$19,500	2033	$195,100	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	62%	Now	$35,700	LIFE	* *	5	$22,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 225, 322, 324								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 225								
SGFT/Glazed Masonry	20%	0-2	$42,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors And Gymnasium								
Ceilings								
AcousTile,Adhered	15%			2043	* *	5	$15,300	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Metal Panel	5%	0-2	$101,400	LIFE	* *	5	$6,400	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Plaster	11%	Now	$17,100	LIFE	* *	5	$7,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead And Classrooms 322 And 324								
Plaster	59%			LIFE	* *	5	$37,600	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	30%	Now	$17,000	2040	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Gate Along Coney Island Avenue								
Iron Picket	70%	4+	$43,300	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	75%	4+	$6,000	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	80%			2030	$115,700	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	80%			2046	* *	5	$1,500	
Molded Case Bkrs	10%			2029	$18,000	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$159,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$500	
Generic	50%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$995,600	10	$61,300	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2025	$57,200	10	$8,200	
Exit, Service	50%			2025	$14,700	1		
Exterior Lighting								
LED	30%			2030	$110,900			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	70%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$53,400	1-3	$12,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$67,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	20%			2030	$256,500	1	$8,400	
Convector/Radiator	50%			2035	* *	1	$11,000	
Fan Coil Unit/Heat	30%			2030	$506,900	1	$6,600	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2025	$180,700	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,000	
Exhaust Fans								
Interior	100%			2030	$302,300	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$87,500	2040	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Various Areas								
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2030	$17,100	2		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$12,000	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2030	$13,800	4	$1,500	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 199 - BX (FORMER P.S. 104 - BX)**
Address : **1449 SHAKESPEARE AVENUE @W. 172 STREET**
Borough : **BRONX**
Agency's Number : **X104**
Program / Asset # : **BOE0244.000 / 406**
Yr Built/Renovated : **1930 / 1999**
Area Sq Ft : **104,000**
Project Type : **EDUCATION**
Date of Survey : **25-Oct-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2873** **Lot** : **27** **BIN** : **2088263**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,065,200	$2,117,100
Interior Architecture	$4,074,000	$392,000
Electrical	$370,500	$951,200
Mechanical	$1,355,200	$2,878,800
Site Pavements		$105,300
Total	**$7,865,000**	**$6,444,400**
Importance Code A	$2,065,200	$2,168,500
Importance Code B	$5,500,600	$4,275,900
Importance Code C	$299,100	
Total	**$7,865,000**	**$6,444,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,100			
Interior Architecture	$52,900		$13,700	
Electrical	$19,600	$8,100	$7,500	$8,900
Mechanical	$42,300	$20,800	$29,400	$20,800
Site Enclosure	$1,000			
Site Pavements	$16,000			
Total	**$136,900**	**$28,800**	**$50,600**	**$29,700**
Importance Code A	$15,400	$10,300	$10,500	$10,300
Importance Code B	$88,300	$18,600	$40,100	$19,400
Importance Code C	$33,200			
Total	**$136,900**	**$28,800**	**$50,600**	**$29,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$70,100	
Staining/Discoloring, Extent : Light, Area Affected : 30%								
Location : Band Between First And Second Floor								
Masonry: Brick	90%	Now	$266,000	LIFE	* *	5	$161,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead Walls								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Chimney Shaft Facing Courtyard								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Foundation, Electrical Room In Basement								
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 2%								
Location : Fourth Floor Of Girls Bathroom Facing Courtyard And Chimney Flue At Roof								
Masonry: Granite	4%			LIFE	* *	5	$5,400	
Stucco Cement	1%	Now	$5,100	2036	* *	5	$2,200	
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : North Roof Vent Shaft								
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Roof								
Explanation : Roof Vent Shaft								
Windows								
Aluminum	100%	Now	$1,728,300	2056	* *	5	$18,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 85%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$15,300	
Masonry: Brick	85%	2-4	$70,900	LIFE	* *	5	$11,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Flashing At High Roof At North Building								
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Roof								
Copper/Terne	5%			2059	* *	10	$10,100	
IRMA/Protected Membrane	95%			2031	$1,809,000	10	$76,500	
Patching Evident, Extent : Moderate, Area Affected : 2%								
Location : Main Roof North Building								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	35%	4+	$118,500	LIFE	* *	5	$152,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement At Repaired Exterior Wall Area								
Ceramic Tile	4%	Now	$179,500	2046	* *	5	$4,000	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : All Bathrooms								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : First Floor Boys Bathroom								
Explanation : Urine Smell Impregnated On Tile								
Quarry Tile	1%			2029	$146,400	5	$3,000	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Hallways								
Vinyl Tile	55%			2026	$3,023,100	3	$41,000	
Worn/Eroded, Extent : Light, Area Affected : 30%								
Location : Classrooms And Offices								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$50,300	2034	* *	5	$4,600	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : All Bathrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Fourth Floor Girls Bathroom								
Glass: Single Pane	3%			LIFE	* *	5	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell And Transoms								
Explanation : Painted Glass In Stairwell								
Masonry: Brick	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Lobby, Gymnasium, Cafeteria And Window Walls In Classrooms								
Explanation : Location								
Metal: Cage/Fence	1%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell								
Explanation : Location								
Marble Panels	5%	Now	$32,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stairwell								
Plaster	56%	Now	$248,900	LIFE	* *	5	$30,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Fourth Floor Girls Bathroom And All Window Openings								
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Stair Bulkhead								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Fourth Floor Womens Bathroom								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor Girls Bathroom								
Ceilings								
AcousTile,Adhered	15%	4+	$19,200	2036	* *	5	$14,900	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Stairwell								
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Hallways And Stairwell								
Explanation : Location								
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,100	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Basement								
Plaster	75%	Now	$453,800	LIFE	* *	5	$93,300	
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Fourth Floor Girls Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Ceilings On Fourth Floor And Exterior Wall Perimeters In Classrooms								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%	4+	$1,000	2036	* *	5	$2,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Nelson Avenue Railing								
Chain Link	50%			2051	* *			
Iron Picket	45%			2066	* *			
Retaining Walls								
Cast in Place Concrete	10%			2066	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Vertical Cracks On Playground Ramp								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Steps, Playground And Entry Ramp								
Explanation : Location								
Masonry: Fieldstone	90%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Driveway								
Explanation : Location								
Activity Yard								
Asphalt	90%	4+	$16,000	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Playground								
Rubber Matting	10%			2031	$105,300			
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Swings Play Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$260,100	5	$400	
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2057	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Disc Sw	5%			2053	* *	5	$100	
Molded Case Bkrs	15%			2053	* *	5	$400	
Molded Case Bkrs	70%			2030	$167,600	5	$1,900	
Wiring								
Braided Cloth	80%	2-4	$273,500	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2057	* *	1		
Thermoplastic	10%			2031	$34,200	1		
Motor Controllers								
Locally Mounted	30%			2048	* *	5	$200	
Locally Mounted	70%			2029	$127,000	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$91,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$12,600	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	20%			2026	$97,100	10	$100	
LED	10%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Perimeter Of The Building								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$66,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Alarm Bells, Manual Pull Station, Strobe Lights And Horns.								

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DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Using No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$103,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Boiler								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$146,200	2041	* *	4	$5,100	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room, Return Line								
Steam Traps Faulty, Extent : Light, Area Affected : 25%								
Location : Various Locations								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Return Line Leaking								
Terminal Devices								
Air Handler	20%			2026	$391,400	1	$12,900	
Convector/Radiator	70%	Now	$11,900	2029	$595,300	1	$21,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Fan Coil Unit/Heat	10%			2026	$257,900	1	$3,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	75%			2036	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Clinic								
Explanation : Split Unit With Condensers At Rooftop. Unit Serving The Clinic								
Window/Wall Unit	25%	0-2	$4,900	2026	$98,500	1		
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Explanation : 25 Percent Of The Window/wall Unit Not Working								
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	$2,018,000	1	$64,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,000	

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DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2026	$461,300	2	$3,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%	2-4	$5,300	2029	$265,500	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main, Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2031	$28,800	1-2	$600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 199 - M**		
Address	: **270 WEST 70 STREET @ WEST END AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M199**
Program / Asset #	: **BOE0120.000 / 1642**	**Yr Built/Renovated**	: **1963 / 2008**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1158** **Lot** : **40**	**BIN**	: **1030351**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$219,500	$1,144,500
Interior Architecture	$442,600	$11,104,900
Electrical		$1,289,400
Mechanical	$906,500	$2,227,300
Total	**$1,568,600**	**$15,766,200**
Importance Code A	$219,500	$1,144,500
Importance Code B	$906,500	$14,621,600
Importance Code C	$442,600	
Total	**$1,568,600**	**$15,766,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,200			
Interior Architecture	$202,600			$13,500
Electrical	$40,900	$8,200	$9,500	$10,000
Mechanical	$83,700	$41,600	$27,600	$27,400
Site Enclosure	$103,800			
Site Pavements	$19,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$519,500**	**$53,800**	**$41,000**	**$54,800**
Importance Code A	$65,200			$2,600
Importance Code B	$377,500	$53,800	$41,000	$52,200
Importance Code C	$76,800			
Total	**$519,500**	**$53,800**	**$41,000**	**$54,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$100,600	
Windows								
Aluminum	100%	Now	$22,900	2041	* *	5	$12,000	
Weather Strip Missing, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Metal Rail	100%	2-4	$169,200	2038	* *	5	$44,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2033	$1,002,500	10	$91,700	
Soffits								
Pre-Cast Concrete	95%			LIFE	* *	5	$83,400	
Stucco Cement	5%	4+	$600	2038	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Entry Canopies								
Interior								
Floors								
Cast in Place Concrete	5%	4+	$11,500	LIFE	* *	5	$14,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$7,600	2036	* *	5	$3,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : First Floor Toilet Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Terrazzo	5%	2-4	$31,600	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Entry And Throughout								
Vinyl Tile	40%			2033	$1,494,600	3	$27,100	
Vinyl Tile 9" X 9"	40%			2033	$9,548,400	3	$27,100	
Wood	5%			2048	* *	5	$12,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	$11,300	2036	* *	5	$5,200	
Loose/Delam Surface, Extent : Light, Area Affected : 2%								
Location : First Floor Toilet Room								
Concrete Masonry Unit	10%	Now	$193,900	LIFE	* *	5	$8,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And Throughout								
Marble Panels	5%			LIFE	* *	10	$4,100	
Plaster	40%	0-2	$100,400	LIFE	* *	5	$24,700	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Auditorium And Throughout								
SGFT/Glazed Masonry	40%	4+	$148,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Third Floor Corridors								
Ceilings								
AcousTile,Adhered	42%	Now	$35,800	2038	* *	5	$27,800	
Adhesion Failure, Extent : Moderate, Area Affected : 2%								
Location : Library								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$24,800	
Fiber Board	3%			2033	$61,900			
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Metal Panel	10%	4+	$21,900	LIFE	* *	5	$16,500	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen And Cafeteria								
Explanation : Location Noted.								
Plaster	30%			LIFE	* *	5-10	$68,300	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2043	* *			
Iron Picket	60%	4+	$29,900	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	20%	Now	$12,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 70th Street Side Of Building								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 70th Street Side Of Building								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : 70th Street Side Of Building								

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DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	50%	Now	$24,000	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : South And West Side Of Building								
Masonry: Brick	50%	2-4	$37,800	2043	* *			
Spalling, Extent : Moderate, Area Affected : 20%								
Location : South Side Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	10%	2-4	$600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : South Side Of Building								
Cast in Place Concrete	90%	Now	$12,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Rear Exit, Above Front Delivery Entrance, And South Side Of Building								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$6,700	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	30%			2036	* *			
Rubber Matting	70%			2033				
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	70%			2033	$141,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$2,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%			2032	$87,500	1		
Thermoplastic	60%			2033	$175,000	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	$71,700	5	$400	
Locally Mounted	20%			2046	* *	5	$100	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	70%			2038	* *	10	$56,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	10%			2028	$243,800	2	$200	
LED	20%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$59,100	10	$8,500	
Exit, Service	30%			2028	$11,400	1		
Exit, Battery	20%			2033	$24,900	10	$1,200	
Exterior Lighting								
HID	10%			2033	$41,100	10		
No Component	90%							
Alarm								
Security System								
Generic	100%	Now	$33,000	2038	* *	1	$29,600	
Control Panel Damaged, Extent : Moderate, Area Affected : 20%								
Location : Intrusion Alarm System In Custodian Office								
Fire/Smoke Detection								
Generic, Analog	70%			2028	$158,900	1-3	$39,100	
Generic, Digital	30%			2033	$68,100	1-3	$16,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes And Smoke Detection System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2042	* *	5	$5,200	
Distribution								
Steam Piping/Pump	100%	4+	$35,200	2043	* *			
Steam Traps Faulty, Extent : Light, Area Affected : 10%								
Location : Mechanical Rooms								
Terminal Devices								
Air Handler	15%			2033	$248,400	1	$8,200	
Convector/Radiator	85%			2038	* *	1	$24,200	
Controls								
Digital	50%			2028	$1,263,700			
Pneumatic	50%			2027	$850,400			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	20%			2038	* *			
Window/Wall Unit	80%			2028	$266,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,700	
Exhaust Fans								
Interior	15%			2033	$58,500	2	$400	
Roof	85%			2033	$145,100	2	$2,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$56,200	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Mains								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons. Quantity 1								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$8,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,900	
Sewage Ejector(s)								
Electric	100%			2033	$46,100	4	$5,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$1,200	
Chemical System								
Generic	100%			2031	$244,800	1-3	$223,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 60 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 199 - Q**		
Address	: **39-20 48TH AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q199**
Program / Asset #	: **BOE0840.000 / 1500**	**Yr Built/Renovated**	: **1953 / 2008**
Area Sq Ft	: **103,141**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **206** **Lot** : **3**	**BIN**	: **4002915**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,061,400	$1,129,900
Interior Architecture	$338,100	$7,581,600
Electrical	$672,800	$760,300
Mechanical	$715,700	$393,100
Site Pavements	$110,800	
Total	**$2,898,800**	**$9,865,000**
Importance Code A	$1,061,400	$1,181,300
Importance Code B	$1,837,400	$8,683,700
Total	**$2,898,800**	**$9,865,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$6,600
Interior Architecture	$45,000	$3,900	$9,600	$47,300
Electrical	$76,500	$10,700	$11,100	$43,500
Mechanical	$28,700	$15,300	$27,700	$32,900
Site Enclosure	$15,300			
Site Pavements	$72,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$242,300**	**$33,900**	**$52,300**	**$134,200**
Importance Code A	$10,200	$10,200	$10,200	$17,000
Importance Code B	$128,600	$23,600	$42,100	$117,200
Importance Code C	$103,600			
Total	**$242,300**	**$33,900**	**$52,300**	**$134,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%	0-2	$191,500	LIFE	* *	5	$23,300	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Masonry: Brick	65%			LIFE	* *	5	$50,400	
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%	0-2	$805,700	2048	* *	5	$16,900	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
Explanation : Window Hardwares Need Servicing, Cleaning Or Replacement.								
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$6,500	
Masonry: Limestone	5%			LIFE	* *	5	$800	
Metal Rail	45%			2037	* *	5-10	$105,800	
Roof								
Built-Up (BUR)	98%			2032	$973,000	10	$83,400	
Copper/Terne	2%			2047	* *	10	$4,300	
Soffits								
Stucco Cement	100%			2037	* *	5	$4,700	
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$65,700	LIFE	* *	5	$33,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Ceramic Tile	5%			2035	* *	5	$7,700	
Terrazzo	5%			LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Vinyl Tile	50%			2032	$2,132,300	3	$28,900	
Vinyl Tile 9" X 9"	20%	Now	$272,500	2032	$5,449,300	3	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Loose Units, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Stair, Classrooms, Cafeteria								
Wood	10%			2047	* *	5	$28,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$13,600	
Glazed Ceramic Panel	5%	0-2	$17,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Boys Bathroom								
Masonry: Brick	5%			LIFE	* *			
Plaster	10%	Now	$27,600	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Custodian Lounge, Stair A								
Plaster	40%			LIFE	* *	5	$27,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%			2037	* *	5	$57,900	
Exposed Struc: Concrete	60%			LIFE	* *	5	$14,500	
Plaster	10%			LIFE	* *	5	$9,600	
Site Enclosure								
Fence/Gates								
Chain Link	70%	4+	$15,300	2042	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Play Yard Enclosure								
Explanation : Loose Fabric Sections								
Iron Picket	30%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$110,800	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
On-Site Walkways								
Cast in Place Concrete	98%	4+	$43,300	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Asphalt	98%	4+	$29,600	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Activity Yards								
Rubber Matting	2%			2032	$14,300			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2032	$25,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	25%			2032	$12,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	25%			2032	$12,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$260,100	2062	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2032	$219,300	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Knife Sw	5%	2-4	$12,000	2057	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	20%	2-4	$47,900	2057	* *	5	$200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Upper Floors								
Molded Case Bkrs	45%			2031	$107,800	5	$1,200	
Molded Case Bkrs	20%			2031	$47,900	5	$500	
Wiring								
Braided Cloth	70%	2-4	$239,300	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2032	$34,200	1		
Thermoplastic	20%			2032	$68,400	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	2%	2-4	$2,200	2052	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Locally Mounted	18%			2030	$32,700	5	$100	
No Component	80%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	$26,800	1	$31,700	
Generators								
Natural Gas	100%			2028	$138,700	1	$39,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 80 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$92,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Emergency, Battery	10%			2027	$17,300	10	$2,500	
Exit, Service	10%			2032	$4,400	1		
Exit, Service	30%			2027	$13,300	1		
Exterior Lighting								
HID	10%			2027	$48,100	10		
HID	20%	Now	$96,300	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside By The Roof								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	15%			2040	* *	1	$5,800	
Generic	15%			2027	$29,000	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2040	* *	1-3	$19,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2052	* *	5	$32,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2052	* *	1	$102,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 New Gas Boiler Installation On The Way								
Distribution								
Central Plant Steam Piping/Pmp	100%			2062	* *	4	$5,100	
Terminal Devices								
Air Handler	20%			2027	$388,200	1	$12,800	
Convector/Radiator	80%			2037	* *	1	$26,700	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2027	$273,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,500	
Exhaust Fans								
Interior	75%			2032	$343,100	2	$2,400	
Roof	25%			2032	$50,000	2	$800	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Electric	5%			2032	$1,200	4		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boier Room								
No Component	95%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	Now	$10,000	2042	* *	4	$10,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2042	* *	4	$2,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	0-2	$1,100	2027	$54,000	4	$4,100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2058	* *	1-2	$1,400	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Basemnt								
Explanation : Few Heads At Paint Room								
Chemical System								
Wet	10%			2030	$8,200	1-3	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	80%							
Generic	10%			2030	$8,200	1-3	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 2 - BX MORRISANIA EDUCATION COMPLEX**		
Address	: **1365 FULTON AVENUE BTWN: E.169 ST. - E.170 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X002**
Program / Asset #	: **BOE0156.000 / 523**	**Yr Built/Renovated**	: **1954 / 2015**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2925** **Lot** : **56**	**BIN**	: **2009617**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$182,300	$199,400
Interior Architecture	$767,000	$51,000
Electrical	$68,300	$195,400
Mechanical	$252,800	$1,386,300
Total	**$1,270,400**	**$1,832,100**
Importance Code A	$182,300	$199,400
Importance Code B	$995,500	$1,632,700
Importance Code C	$92,700	
Total	**$1,270,400**	**$1,832,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$13,200		$18,200	$11,700
Electrical	$41,800	$1,500	$57,600	$2,900
Mechanical	$38,100	$12,400	$16,600	$12,800
Site Pavements	$27,700			
Total	**$120,700**	**$13,900**	**$92,500**	**$27,400**
Importance Code A	$7,500	$7,500	$7,500	$7,700
Importance Code B	$108,500	$6,400	$85,000	$19,700
Importance Code C	$4,800			
Total	**$120,700**	**$13,900**	**$92,500**	**$27,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 2 - BX MORRISANIA EDUCATION COMPLEX
Asset # : 523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$121,300	
Masonry: Granite	2%			LIFE	* *	5	$2,000	
Masonry: Limestone	8%			LIFE	* *	5	$8,100	
Windows								
Aluminum	100%	Now	$182,300	2047	* *	5	$19,100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$17,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,900	
Roof								
Modified Bitumen	100%			2039	* *	10	$78,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,800	
Mosaic Tile	5%			2036	* *	5	$14,700	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	20%			2036	* *	3	$11,700	
Vinyl Tile 9" X 9"	60%	Now	$621,800	2041	* *	3	$26,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, Room 208								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room, Room 208, Stair 5								
Wood	5%			2059	* *	5	$11,000	
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$9,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	40%	Now	$92,700	LIFE	* *	5	$22,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stair Bulkheads, Classrooms 125, 306								
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	2%			LIFE	* *	5	$15,200	
Ceilings								
AcousTile,Adhered	20%			2036	* *	5	$21,800	
AcousTile,Adhered	5%	Now	$52,600	2051	* *	5	$2,700	
Staining/Discoloring, Extent : Severe, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Gymnasium								
Plaster	75%			LIFE	* *	5	$51,000	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 2 - BX MORRISANIA EDUCATION COMPLEX
Asset # : 523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	90%			2051	* *			
Iron Picket	10%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Asphalt	95%			2040	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	100%	Now	$27,700	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Playground And At Exit 5								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2057	* *	5	$2,000	
Raceway								
Conduit	60%			2031	$86,800	1		
Conduit	40%			2057	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$9,000	5	$100	
Fused Disc Sw	5%			2053	* *	5	$100	
Molded Case Bkrs	5%			2030	$9,000	5	$100	
Molded Case Bkrs	85%			2053	* *	5	$1,700	
Wiring								
Braided Cloth	20%	2-4	$39,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$39,900	1		
Thermoplastic	60%			2057	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$59,700	5	$300	
Locally Mounted	50%			2048	* *	5	$300	
Ground								

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DEPARTMENT OF EDUCATION - 040
P. S. 2 - BX MORRISANIA EDUCATION COMPLEX
Asset # : 523

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$68,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$18,000	10		
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$9,200	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2066	* *	5	$800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$28,500	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm Only Including Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$9,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basemnt								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement, Boiler Room								
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$75,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement. Two Steam Boliers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 2 - BX MORRISANIA EDUCATION COMPLEX
Asset # : 523

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%			2057	* *	4	$5,600	
Terminal Devices								
Air Handler	15%			2031	$214,500	1	$7,100	
On Extended Life, Extent : Moderate, Area Affected : 15%								
Location : Basement Fan Room								
Convector/Radiator	85%			2036	* *	1	$20,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	15%	0-2	$25,900	2031	$43,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
Window/Wall Unit	55%			2029	$158,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	75%			2026	$252,800	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 15%								
Location : Basement And Third Floor Fan Rooms								
Roof	20%			2031	$29,500	2	$500	
Roof	5%	0-2	$1,500	2036	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Roof . One Of Chemical Laboratory Exhaust Van At The Roof Malfunctioning Due To Burnt Motor.								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$970,200	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 2 - BX MORRISANIA EDUCATION COMPLEX
Asset # : 523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	$39,800	4	$3,000	
Backflow Preventer								
No Component	95%							
Generic	5%			2036	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : For New Science Laboratory Only								
Fixtures								
Generic	95%							
Generic	5%							
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Girls Bathroom.								
Explanation : Three Sink Faucets Touchless Sensors In Girls Bathroom In Second Floor Is Not Working.								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$400	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 200 - BK**		
Address	: **1940 BENSON AVENUE BTWN: BAY 22 ST. - BAY 23 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K200**
Program / Asset #	: **BOE0495.000 / 1312**	**Yr Built/Renovated**	: **1929 / 1998**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **6407** **Lot** : **8**	**BIN**	: **3167818**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$84,700	$217,100
Interior Architecture	$2,461,100	$1,115,400
Electrical	$365,700	$2,891,200
Mechanical		$2,826,400
Total	**$2,911,500**	**$7,050,100**
Importance Code A	$84,700	$268,500
Importance Code B	$2,337,300	$6,781,600
Importance Code C	$489,400	
Total	**$2,911,500**	**$7,050,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$75,000			
Interior Architecture	$69,300		$12,100	$15,100
Electrical	$63,000	$9,600	$9,700	$12,600
Mechanical	$71,500	$15,200	$22,500	$14,100
Total	**$278,700**	**$24,900**	**$44,300**	**$41,900**
Importance Code A	$85,100	$10,100	$10,100	$10,100
Importance Code B	$172,300	$14,800	$27,800	$31,800
Importance Code C	$21,300		$6,400	
Total	**$278,700**	**$24,900**	**$44,300**	**$41,900**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$47,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Explanation : Scaffolding In Use								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$73,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$169,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Exterior								
Windows								
Aluminum	100%			2049	* *	5	$29,400	
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	90%			2038	* *	10	$82,300	
Copper/Terne	5%			2048	* *	10	$11,400	
Modified Bitumen	5%			2033	$50,000	10	$4,600	
Interior								
Floors								
Ceramic Tile	5%	0-2	$21,300	2036	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%			2046	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%	0-2	$14,100	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	25%	Now	$104,500	2033	$1,044,500	3	$14,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	55%	Now	$1,468,100	2043	* *	3	$31,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			2048	* *	5	$14,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$64,100	
Ceramic Tile	5%			2036	* *	5	$12,800	
Masonry: Brick	10%	Now	$244,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Marble Panels	2%			LIFE	* *	10	$2,100	
Plaster	58%	Now	$181,000	LIFE	* *	5	$44,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$19,200	
Ceilings								
Exposed Struc: Concrete	20%	Now	$226,600	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Metal Panel	5%	0-2	$12,500	LIFE	* *	5	$9,500	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	75%	0-2	$172,500	LIFE	* *	5	$70,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 4th Floor Classrooms And Bathrooms								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed In Use								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed In Use								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed In Use								
Masonry: Granite	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed In Use								

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DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Activity Yard								
Explanation : Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$400	
Raceway								
Conduit	95%			2033	$231,500	1		
Conduit	5%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Disc Sw	10%			2055	* *	5	$200	
Molded Case Bkrs	80%			2032	$191,600	5	$2,100	
Wiring								
Braided Cloth	30%	2-4	$102,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2033	$239,300	1		
Motor Controllers								
Locally Mounted	50%			2031	$90,700	5	$300	
Locally Mounted	25%			2038	* *	5	$200	
Locally Mounted	25%	2-4	$45,400	2053	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$1,459,700	10	$89,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$85,600	10	$12,300	
Exit, Service	50%			2028	$22,000	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
Generic	100%			2028	$191,500	1	$38,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$263,100	2043	* *	1-3	$57,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Fire Alarm System Is Obsolete. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$101,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	5%	0-2	$20,400	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats, Various Locations								
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Condensate Pump, Basement Boiler Room								
Steam Piping/Pump	95%			2033	$776,000			
Terminal Devices								
Air Handler	20%			2028	$383,900	1	$12,600	
Convector/Radiator	80%			2031	$667,300	1	$26,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$309,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,100	
Exhaust Fans								
Interior	95%			2028	$429,800	2	$3,000	
Roof	5%			2033	$9,900	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$260,400	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : One 100 Gallons Unit								
Sanitary Piping								
Cast Iron	5%	0-2	$3,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Basement To Street Sewer								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$20,400	4	$3,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Severe, Area Affected : 20%								
Location : 1st, 2nd, 4th Floor Lunch Area And Boys Bathrooms								
Obsolete Fixtures, Extent : Moderate, Area Affected : 75%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$42,300	1-2	$900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 200 - Q**		
Address	: **70-10 164 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q200**
Program / Asset #	: **BOE0841.000 / 1501**	**Yr Built/Renovated**	: **1953 / 2010**
Area Sq Ft	: **98,598**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6789** **Lot** : **1**	**BIN**	: **4146990**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$162,200	$149,100
Interior Architecture	$739,800	$10,593,800
Electrical	$633,800	$722,900
Mechanical		$2,263,600
Total	**$1,535,800**	**$13,729,500**
Importance Code A	$162,200	$1,008,500
Importance Code B	$1,373,600	$12,720,900
Total	**$1,535,800**	**$13,729,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,200	$11,300		
Interior Architecture	$139,400			$16,600
Electrical	$10,800	$9,200	$11,400	$9,600
Mechanical	$118,500	$16,200	$21,200	$21,500
Site Enclosure	$18,100			
Total	**$315,100**	**$36,700**	**$32,600**	**$47,700**
Importance Code A	$71,200	$21,100	$9,800	$9,800
Importance Code B	$177,700	$15,600	$22,800	$37,900
Importance Code C	$66,100			
Total	**$315,100**	**$36,700**	**$32,600**	**$47,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - Q

Asset # : 1501

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$166,600	
Masonry: Limestone	5%			LIFE	* *	5	$6,600	
Windows								
Aluminum	100%			2049	* *	5	$32,500	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$92,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$9,700	
Metal Rail	10%			2050	* *	5-10	$28,700	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$65,900	
Copper/Terne	5%			2061	* *	10	$8,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$64,600	
Ceramic Tile	5%			2042	* *	5	$7,400	
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	35%			2033	$1,426,900	3	$25,800	
Vinyl Tile 9" X 9"	35%			2028	$9,116,200	3	$25,800	
Wood	10%	Now	$176,000	2048	* *	5	$13,800	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,100	
Glazed Ceramic Panel	5%			LIFE	* *	10	$4,000	
Plaster	60%			LIFE	* *	5-10	$45,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$11,100	
Ceilings								
AcousTile,Adhered	10%	2-4	$474,900	2053	* *	5	$7,400	
Adhesion Failure, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Cafeteria								
AcousTileConcealSpLn	10%			2038	* *	5	$18,400	
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$46,100	
Plaster	55%			LIFE	* *	5-10	$139,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$18,100	2068	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 164th Street And 71st Avenue								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : 164th Street								
Explanation : Gate Does Not Close								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - Q

Asset # : 1501

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Steps On 71st Avenue Side Yard								
Masonry: Granite	10%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$227,600	2063	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Raceway								
Conduit	95%			2033	$191,700	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Toggle Switch	60%	2-4	$143,700	2058	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment On Extended Life								
Molded Case Bkrs	10%			2049	* *	5	$300	
Molded Case Bkrs	20%			2032	$47,900	5	$500	
Wiring								
Braided Cloth	90%	2-4	$262,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$86,800	
LED	4%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - Q

Asset # : 1501

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$11,900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$92,000	10	$100	
LED	10%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$185,100	1	$36,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$60,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detectors, Alarm Bell, Manual Pull Box, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$30,500	
Conversion Equipment								
Steam Boiler	100%	0-2	$43,000	2031	$859,400	1	$87,900	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement. 5 Plugged Tubes In Boiler No. 2								
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$4,900	
Terminal Devices								
Air Handler	20%			2033	$371,100	1	$12,200	
Convector/Radiator	80%			2038	* *	1	$25,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 200 - Q

Asset # : 1501

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	90%	0-2	$33,600	2028	$336,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 90%								
Location : 10 Units Are Not Working. Various Locations								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,100	
Exhaust Fans								
Interior	90%			2033	$393,600	2	$2,700	
Roof	10%			2033	$19,100	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$5,000	2031	$251,700	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main In Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$9,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$19,700	4	$3,100	
Sewage Ejector(s)								
Electric	100%			2033	$51,600	4	$5,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$27,300	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 201 - Q**		
Address	: **65-11 155 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q201**
Program / Asset #	: **BOE0842.000 / 1502**	**Yr Built/Renovated**	: **1954 / 2004**
Area Sq Ft	: **77,182**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6792** **Lot** : **100**	**BIN**	: **4146992**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$207,700	$187,700
Interior Architecture	$1,533,200	$13,864,400
Electrical	$211,600	$519,500
Mechanical		$197,100
Site Pavements	$153,100	
Total	**$2,105,700**	**$14,768,700**
Importance Code A	$207,700	$187,700
Importance Code B	$1,753,500	$14,581,000
Importance Code C	$144,500	
Total	**$2,105,700**	**$14,768,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,300			
Interior Architecture	$107,100		$4,300	$20,900
Electrical	$51,700	$7,200	$9,200	$7,700
Mechanical	$84,800	$10,800	$19,400	$12,700
Total	**$277,900**	**$18,000**	**$33,000**	**$41,200**
Importance Code A	$41,900	$7,600	$7,600	$7,600
Importance Code B	$179,500	$10,400	$25,300	$26,800
Importance Code C	$56,500			$6,700
Total	**$277,900**	**$18,000**	**$33,000**	**$41,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$178,400	
Masonry: Brick Cavity	10%			LIFE	* *	5	$21,000	
Masonry: Limestone	5%			LIFE	* *	5	$7,900	
Windows								
Aluminum	100%			2049	* *	5	$34,400	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$126,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$25,900	
Roof								
Copper/Terne	3%			2061	* *	10	$6,900	
Modified Bitumen	95%			2038	* *	10	$88,000	
Skylight, Metal/Glass	2%			2043	* *	10	$6,200	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,300	
Ceramic Tile	5%			2042	* *	5	$5,800	
Sheet Vinyl/Rubber	5%			2041	* *	5	$8,700	
Terrazzo	2%			LIFE	* *	5	$3,600	
Vinyl Tile	10%	Now	$6,400	2038	* *	3	$4,300	
Loose Units, Extent : Moderate, Area Affected : 2%								
Location : Classrooms								
Vinyl Tile 9" X 9"	68%	Now	$1,386,400	2028	$13,864,400	3	$29,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Classrooms								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Classrooms 242, 250								
Wood	5%			2048	* *	5	$10,800	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$13,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$21,500	
Glazed Ceramic Panel	5%			LIFE	* *	10	$12,100	
Plaster	55%			LIFE	* *	5-10	$125,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$33,600	
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$21,700	
Exposed Struc: Concrete	55%			LIFE	* *	5-10	$74,700	
Plaster	25%			LIFE	* *	5-10	$46,700	
Site Enclosure								
Fence/Gates								
Chain Link	98%			2043	* *			
Iron Picket	2%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$90,000	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Near Entrance								
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Asphalt	100%	4+	$63,100	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parking Area								
Activity Yard								
Rubber Matting	100%			2038	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2063	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2063	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2063	* *	5	$300	
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2063	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	$9,000	5	$100	
Fused Disc Sw	3%			2055	* *	5	$100	
Fused Knife Sw	2%	2-4	$3,600	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	40%	2-4	$71,800	2058	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	40%			2032	$71,800	5	$800	
Molded Case Bkrs	10%			2058	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	$20,000	1		
Thermoplastic	20%			2063	* *	1		
Motor Controllers								
Locally Mounted	30%			2031	$35,800	5	$200	
Locally Mounted	70%			2053	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$68,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,400	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Library								
HID	2%			2028	$18,300	10	$100	
Egress Lighting								
Emergency, Battery	20%			2028	$25,900	10	$3,700	
Emergency, Battery	30%			2038	* *	10	$5,600	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	10%			2028	$36,000	10		
HID	10%	Now	$36,000	2043	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Outside Wall								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,000	
Alarm								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$144,900	1	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit Doors And Hallways								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$47,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Thtoughout The Building								
Explanation : Smoke Detectors, Strobe Lights, Alarm Bell, Horns, Manual Pull Boxes And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$76,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units								
Explanation : Two New Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2059	* *	4	$3,800	
Terminal Devices								
Air Handler	20%			2038	* *	1	$9,600	
Convector/Radiator	80%			2046	* *	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2028	$14,600	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,100	
Exhaust Fans								
Interior	95%			2038	* *	2	$2,200	
Roof	5%			2033	$7,500	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2053	* *	1		
Galvanized Steel	20%			2031	$197,100	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$48,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Clogged Classroom Sink In Various Locations								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : Low Pressure From Sink								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 202 - BK ERNEST S. JENKYNS**		
Address	: **982 HEGEMAN AVE. BTWN: BERRIMAN ST., ATKINS AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K202**
Program / Asset #	: **BOE0497.000 / 2667**	**Yr Built/Renovated**	: **1925 / 2001**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **4477** **Lot** : **1**	**BIN**	: **3098664**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,433,000	$177,300
Interior Architecture	$835,500	$5,458,800
Electrical	$862,500	$554,200
Mechanical	$893,300	$2,786,500
Site Pavements		$104,400
Total	**$4,024,300**	**$9,081,100**
Importance Code A	$1,433,000	$213,300
Importance Code B	$2,238,100	$8,286,400
Importance Code C	$353,200	$581,400
Total	**$4,024,300**	**$9,081,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,800	$6,600		
Interior Architecture	$134,800			$10,100
Electrical	$32,900	$6,400	$7,800	$7,000
Mechanical	$98,300	$18,300	$24,800	$15,700
Site Enclosure	$32,700			
Site Pavements	$50,900			
Total	**$388,400**	**$31,300**	**$32,600**	**$32,800**
Importance Code A	$49,600	$17,500	$10,900	$10,800
Importance Code B	$299,100	$13,700	$21,800	$22,000
Importance Code C	$39,700			
Total	**$388,400**	**$31,300**	**$32,600**	**$32,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$120,500	LIFE	* *	5	$59,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	78%	Now	$486,300	LIFE	* *	5	$118,100	
Efflorescence, Extent : Light, Area Affected : 50%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads Stairs								
Masonry: Granite	7%	Now	$167,000	LIFE	* *	5	$8,000	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	Now	$89,400	LIFE	* *	5	$5,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Exit Along Atkins Avenue								
Masonry: Marble	3%	Now	$169,700	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Main Entrance Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Main Entrance Throughout								
Metal Panel	2%			2050	* *	5-10	$20,800	
Windows								
Aluminum	90%	Now	$254,400	2046	* *	5	$13,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Louvers	5%			2039	* *	10	$9,300	
Wood	5%	Now	$35,700	2055	* *	5	$7,400	
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	92%	Now	$89,300	LIFE	* *	5	$14,100	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Parapet Over Gymnasium								
Metal Panel	3%			2050	* *	5	$1,800	
Pre-Cast Concrete	5%	0-2	$3,100	LIFE	* *	5	$4,800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$56,300	2035	* *			
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 50%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 40%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$13,800	LIFE	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$45,600	2039	* *	5	$4,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Toilets Throughout								
Quarry Tile	5%	Now	$119,000	2035	* *	5	$6,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%	0-2	$37,800	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	45%			2030	$2,011,100	3	$36,400	
Vinyl Tile 9" X 9"	5%	0-2	$28,600	2035	* *	3	$3,000	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Stairs And Corridors Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stairs And Corridors Throughout								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Stairs And Corridors Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Stairs And Corridors Throughout								
Wood	30%	Now	$289,500	2033	$2,894,700	5	$45,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Classrooms Throughout And Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout And Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$143,100	2033	$477,100	5	$4,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 75%								
Location : Toilets Throughout								
Masonry: Brick	10%	Now	$66,100	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	Now	$76,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Auditorium And Entrance								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And Entrance								
Plaster	80%	Now	$67,500	LIFE	* *	5	$41,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Rooms 510, 557, Stairs 5 And 7								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 510, 557, Stairs 3 And 7								
Ceilings								
Exposed Struc: Concrete	25%			LIFE	* *	5	$6,300	
Plaster	75%	Now	$73,800	LIFE	* *	5	$75,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooms 504, 506, 507, 511 And 513								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 504, 506, 507, 511, 513								
Site Enclosure								
Fence/Gates								
Chain Link	65%	4+	$18,900	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Iron Picket	35%	4+	$4,400	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Cycle (Yrs)	Maintenance Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Fieldstone	50%	Now	$4,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
Explanation : Material Is Marble								
Masonry: Fieldstone	50%	Now	$4,600	2040	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Main Entrance								
Explanation : Material Is Granite								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$16,300	2043	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Along Berriman Street								
On-Site Walkways								
Masonry: Granite	50%	4+	$9,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Entrances Throughout								
Masonry: Granite	25%	4+	$4,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Main Entrance								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
Explanation : Material Is Marble								
Pavers/Stone	25%	0-2	$2,100	2033	$104,400			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Parking/Driveway								
Asphalt	100%			2033				
Activity Yard								
Asphalt	90%	4+	$18,300	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	10%			2035	* *			

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Future Replacement Estimated Cost	Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$36,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2056	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	50%			2030	$130,000	5	$200	
Fused Knife Sw	50%	0-2	$130,000	2060	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$300	
Molded Case Bkrs	60%			2052	* *	5	$1,700	
Molded Case Bkrs	30%			2029	$71,800	5	$900	
Wiring								
Braided Cloth	40%	2-4	$136,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2056	* *	1		
Motor Controllers								
Locally Mounted	80%	Now	$87,100	2050	* *	5	$300	
Not Functioning, Extent : Moderate, Area Affected : 30%								
Location : Kitchen And Multipurpose Room								
Locally Mounted	20%			2047	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Bus Bar Has Been Painted.								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2038	* *	10	$97,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%	Now	$800	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$13,200	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	100%	Now	$25,400	2025	$508,600			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Roof Parapet Fixtures								
Explanation : Raceways To Light Fixtures Damaged								
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$12,200	
Fire/Smoke Detection								
No Component	20%							
Generic, Digital	80%			2038	* *	1-3	$53,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$108,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$17,500	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump At Rear Of Boiler Room								
Terminal Devices								
Air Handler	15%	Now	$6,200	2030	$307,700	1	$9,100	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Unit In Basement								
Convector/Radiator	55%			2028	$490,200	1	$19,400	
Fan Coil Unit/Heat	30%			2025	$810,700	1	$10,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$129,400			
Window/Wall Unit	20%	0-2	$4,100	2025	$82,600	1		
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 10 Percent Of Window Units Are Not Working								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,800	
Exhaust Fans								
Interior	95%	Now	$45,900	2030	$459,300	2	$2,500	
Broken, Extent : Severe, Area Affected : 20%								
Location : House Exhaust In Basement								
Roof	5%			2030	$10,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$1,399,900	1		
Water Heater With Tanks								
Electric	5%			2024	$1,200	4		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Electric Water Heater Is A Backup To The Gas Unit								
Gas Fired	95%			2028	$16,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$8,700	2030	$21,800	4	$2,300	
Broken, Extent : Severe, Area Affected : 100%								
Location : One And Only Sump Pump Not Working In Basement								
Backflow Preventer								
Generic	100%			2035	* *	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Platform In Boiler Room								
Explanation : Not Located At Main								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	97%							
Generic	3%			2025	$2,400	1-3	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : At Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 203 - BK**		
Address	: **5101 AVENUE M BTWN: EAST 51 ST, EAST 52 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K203**
Program / Asset #	: **BOE0498.000 / 28**	**Yr Built/Renovated**	: **1927 / 2013**
Area Sq Ft	: **106,627**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **7849** **Lot** : **1**	**BIN**	: **3218626**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$132,300
Interior Architecture	$3,627,100	$187,900
Electrical	$1,035,900	$816,400
Mechanical	$1,723,800	$2,165,300
Site Pavements		$1,114,500
Total	**$6,386,800**	**$4,416,400**
Importance Code A		$183,700
Importance Code B	$5,981,300	$4,021,000
Importance Code C	$405,600	$211,700
Total	**$6,386,800**	**$4,416,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,300		$28,800	
Interior Architecture	$59,800	$2,000	$9,000	
Electrical	$4,700	$5,200	$3,900	$3,600
Mechanical	$64,500	$16,800	$24,500	$18,000
Site Pavements	$3,000			
Total	**$145,300**	**$24,000**	**$66,100**	**$21,500**
Importance Code A	$23,900	$10,800	$39,300	$10,600
Importance Code B	$118,400	$13,200	$26,800	$11,000
Importance Code C	$3,000			
Total	**$145,300**	**$24,000**	**$66,100**	**$21,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$132,300	
Masonry: Limestone	5%			LIFE	* *	5	$5,200	
Windows								
Aluminum	100%			2046	* *	5	$57,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$20,100	
Masonry: Limestone	10%			LIFE	* *	5	$2,800	
Roof								
Built-Up (BUR)	5%			2030	$39,500	10	$3,400	
Copper/Terne	5%			2058	* *	10	$8,500	
Modified Bitumen	90%	Now	$13,300	2035	* *			
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Stair Bulkhead								
Interior								
Floors								
Ceramic Tile	5%	Now	$22,500	2039	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	4+	$37,300	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Vinyl Tile	45%			2035	* *	3	$26,900	
Vinyl Tile 9" X 9"	10%			2025	$2,816,700	3	$6,000	
Wood	35%	Now	$333,200	2045	* *	5	$52,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Classrooms On 1st, 3rd And 4th Floors								
Interior Walls								
Cast in Place Concrete	5%	Now	$112,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$81,000	2039	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,900	
Masonry: Brick	10%	Now	$112,200	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Gymnasium								
Marble Panels	5%			LIFE	* *			
Plaster	70%	Now	$100,300	LIFE	* *	5	$61,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Room 453 And Stair Bulkhead								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	20%			LIFE	* *	5	$4,600	
Plaster	80%	Now	$71,700	LIFE	* *	5	$73,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2040	* *			
Iron Picket	35%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2035	* *			
Pavers/Stone	10%	Now	$3,000	2033	$149,800			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : At Entry Stairs								
Activity Yard								
Asphalt	50%			2033	$459,000			
Cast in Place Concrete	25%			2035	* *			
Pavers/Stone	5%			2033	$288,700			
Rubber Matting	20%			2030	$217,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$234,100	5	$400	
Fused Disc Sw	10%			2050	* *	5		
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	70%			2029	$167,600	5	$2,000	
Molded Case Bkrs	20%			2046	* *	5	$600	

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DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$273,500	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	30%			2028	$54,400	5	$200	
Locally Mounted	70%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$93,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2035	* *	10	$2,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Incandescent	2%			2025	$59,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Incandescent Fixtures Are In Satisfactory Condition.								
Egress Lighting								
Emergency, Battery	50%			2030	$89,500	10	$12,900	
Exit, Service	50%			2030	$23,000	1		
Exterior Lighting								
HID	100%			2025	$497,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$12,000	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$110,000	1-3	$26,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$105,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	5%	0-2	$25,600	2060	* *			
Steam Traps Faulty, Extent : Light, Area Affected : 5%								
Location : Basement Fan Room								
Steam Piping/Pump	75%			2030	$640,400			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	20%			2050	* *			
Terminal Devices								
Air Handler	25%			2025	$501,600	1	$16,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And 4th Floor Fan Rooms								
Convector/Radiator	50%			2028	$436,000	1	$17,200	
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Fan Coil Unit/Heat	5%	Now	$79,300	2040	* *	1	$1,500	
Broken, Extent : Severe, Area Affected : 5%								
Location : Multiple Mechanical And Or Electrical Defects, 3rd Floor Gymnasium								
Fan Coil Unit/Heat	20%			2025	$528,700	1	$6,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2035	* *	1	$5,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One Unit								
Exterior Pkg Unit - Cooling	5%			2035	* *	2	$300	
Window/Wall Unit	15%			2025	$60,600	1		
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2040	* *	4	$800	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2035	* *	1	$6,600	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,500	
Exhaust Fans								
Interior	100%			2025	$472,900	2	$3,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And 4th Floor Fan Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%			2028	$1,089,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gallon Heater								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	10%	0-2	$80,600	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement, Deteriorated House Traps								
Storm Drain Piping								
Cast Iron	10%	Now	$22,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,300	
Backflow Preventer								
No Component	90%							
Generic	10%			2035	* *	1	$700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Serves Boiler Only								

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DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 203 - Q**		
Address	: **53-11 SPRINGFIELD BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q203**
Program / Asset #	: **BOE0844.000 / 2760**	**Yr Built/Renovated**	: **1960 / 2005**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7482** **Lot** : **317**	**BIN**	: **4161005**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,922,000	
Interior Architecture	$165,500	$1,523,000
Electrical		$303,000
Mechanical		$1,423,000
Total	**$3,087,500**	**$3,248,900**
Importance Code A	$2,922,000	$688,600
Importance Code B	$82,700	$2,560,400
Importance Code C	$82,800	
Total	**$3,087,500**	**$3,248,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$72,200		$15,800	
Interior Architecture	$197,300		$27,700	$10,800
Electrical	$14,400	$7,400	$9,100	$7,400
Mechanical	$59,200	$27,900	$22,800	$16,700
Site Pavements	$30,500			
Total	**$373,600**	**$35,300**	**$75,500**	**$34,900**
Importance Code A	$80,100	$7,800	$23,600	$7,800
Importance Code B	$226,400	$27,400	$51,800	$22,500
Importance Code C	$67,100			$4,500
Total	**$373,600**	**$35,300**	**$75,500**	**$34,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$10,400	
Masonry: Brick Cavity	85%			LIFE	* *	5	$94,000	
Masonry: Limestone	3%			LIFE	* *	5	$2,500	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$20,700	
Windows								
Aluminum	100%			2058	* *	5	$28,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$83,800	
Masonry: Limestone	3%	Now	$5,400	LIFE	* *	5	$500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Metal Rail	10%			2046	* *	5-10	$26,000	
Granite Panels	2%			LIFE	* *	5-10	$3,400	
Roof								
Copper/Terne	5%			2048	* *	10	$15,900	
IRMA/Protected Membrane	95%	Now	$2,850,500	2043	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$73,500	
Ceramic Tile	3%			2036	* *	5	$5,000	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms								
Terrazzo	2%			LIFE	* *	5	$5,200	
Vinyl Tile	30%			2038	* *	3	$18,900	
Vinyl Tile	30%	4+	$27,800	2033	$1,392,000	3	$18,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 122 And 124								
Vinyl Tile	15%			2041	* *	3	$9,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Wood	10%			2061	* *	5	$31,500	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : 2nd Floor								
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$9,000	
Concrete Masonry Unit	20%			LIFE	* *	5	$48,200	
Glazed Ceramic Panel	2%			LIFE	* *	10	$5,400	
Plaster	50%			LIFE	* *	5-10	$128,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$37,600	
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$42,000	
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$94,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$16,800	
Fiber Board	5%			2033	$131,000			
Metal Panel	10%	4+	$27,800	LIFE	* *	5	$21,000	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Cafeteria								
Plaster	10%			LIFE	* *	5-10	$28,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$30,500	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Springfield Boulevard								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Rubber Matting	100%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	70%			2033	$101,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	20%			2031	$23,900	5	$100	
Locally Mounted	80%			2046	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$71,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	25%			2028	$33,200	10	$4,800	
Emergency, Battery	25%			2038	* *	10	$4,800	
Exit, Service	25%			2028	$8,500	1		
Exit, Service	25%			2038	* *	1		
Exterior Lighting								
HID	20%			2028	$73,700	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$29,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$48,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Station, Strobe Lights, Alarm Bells, And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$24,500	
Conversion Equipment								
Steam Boiler	100%			2031	$688,600	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%	Now	$6,300	2043	* *			
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : 2 Vacuum Pumps In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	80%			2043	* *			
Terminal Devices								
Air Handler	20%			2038	* *	1	$9,800	
Convector/Radiator	80%			2038	* *	1	$20,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$10,500	2028	$209,500	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,700	
Exhaust Fans								
Interior	60%			2038	* *	2	$1,500	
Roof	40%			2033	$61,300	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galvanized Steel	70%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
HW Heat Exchanger								
Steam Fired	100%			2033	$382,000	4	$11,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,800	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,100	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 204 - BK**		
Address	: **8101 15TH AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K204**
Program / Asset #	: **BOE0499.000 / 2553**	**Yr Built/Renovated**	: **1929 / 2000**
Area Sq Ft	: **140,321**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6294** **Lot** : **1**	**BIN**	: **3163702**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$90,400
Interior Architecture	$823,400	$11,267,000
Electrical	$126,100	$543,500
Mechanical	$1,571,200	$1,294,900
Total	**$2,520,800**	**$13,195,800**
Importance Code A		$90,400
Importance Code B	$2,196,300	$13,050,700
Importance Code C	$324,400	$54,700
Total	**$2,520,800**	**$13,195,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,500		$1,500	$9,100
Interior Architecture	$98,300			$18,400
Electrical	$15,200	$14,000	$21,300	$13,200
Mechanical	$25,300	$27,400	$59,700	$26,200
Site Pavements	$16,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$205,900**	**$45,400**	**$86,400**	**$70,700**
Importance Code A	$59,000	$12,500	$14,300	$21,600
Importance Code B	$126,900	$32,900	$72,100	$49,100
Importance Code C	$20,000			
Total	**$205,900**	**$45,400**	**$86,400**	**$70,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$39,200	
Masonry: Brick Cavity	65%			LIFE	* *	5	$65,300	
Masonry: Brick Cavity	25%			LIFE	* *	5	$25,100	
Masonry: Granite	5%	4+	$7,900	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along 15th Avenue Base								
Windows								
Aluminum	100%			2047	* *	5	$18,200	
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$6,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$1,400	
Copper/Terne	5%			2066	* *	5	$3,000	
Masonry: Brick Cavity	60%			LIFE	* *	5	$7,400	
Masonry: Granite	15%			LIFE	* *	5	$2,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$2,300	
Roof								
Copper/Terne	5%			2059	* *	10	$9,300	
Modified Bitumen	95%	Now	$38,600	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Roof Above 3rd Floor At Scuppers								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Roof Above 3rd Floor At Scuppers								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$45,900	
Ceramic Tile	5%	0-2	$11,800	2040	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Terrazzo	5%			LIFE	* *	5	$8,200	
Vinyl Tile	40%	4+	$46,400	2036	* *	3	$31,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria And Corridors On First Floor								
Vinyl Tile 9" X 9"	30%	4+	$222,400	2031	$11,120,400	3	$23,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors On Upper Floors 3 And 4								
Wood	10%	Now	$62,600	2046	* *	5	$19,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Classroom 415								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : Classroom 415								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	7%	Now	$97,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Along 15th Avenue								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Along 15th Avenue								
Ceramic Tile	5%	0-2	$20,000	2040	* *	5	$9,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	20%			LIFE	* *	5	$29,200	
Gypsum Board	5%			LIFE	* *	5	$10,900	
Masonry: Brick	10%	4+	$138,800	LIFE	* *			
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : At Corners In Gymnasium								
Metal: Cage/Fence	3%			LIFE	* *			
Plaster	50%	0-2	$88,700	LIFE	* *	5	$54,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms Throughout 1929 Building								
Ceilings								
AcousTileSusp.Lay-In	3%	Now	$2,100	2044	* *	5	$3,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kindergarten Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kindergarten Toilets								
AcousTileSusp.Lay-In	17%			2044	* *	5	$35,700	
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,300	
Plaster	67%	Now	$214,000	LIFE	* *	5	$87,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms On Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms On Fourth Floor								
Plaster	3%			LIFE	* *	5	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Plaster Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2051	* *			
Iron Picket	60%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$12,300	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout At Tree Pits								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout At Tree Pits								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Cast in Place Concrete	100%	4+	$4,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$600	
Raceway								
Conduit	50%			2031	$144,400	1		
Conduit	50%			2051	* *	1		
Panelboards								
Fused Disc Sw	1%			2030	$3,000	5		
Fused Toggle Switch	1%			2030	$3,000	5		
Molded Case Bkrs	98%			2039	* *	5	$3,600	
Wiring								
Braided Cloth	50%			2030	$199,800	1		
Thermoplastic	50%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$500	
Locally Mounted	50%			2036	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$43,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2034	* *	1	$54,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Enclosure								
Explanation : 300 Kilowatt Rated Capacity								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$5,200	
Fuel Storage								
Day Tank	50%			2039	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Enclosure								
Explanation : 25 Gallon Capacity								
Main Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	97%			2036	* *	10	$124,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2036	* *	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors And Classrooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors And Classrooms								
Explanation : Fixtures Are Abandoned In Place								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	45%			2036	* *	1		
Emergency, Battery	5%			2036	* *	10	$1,700	
Exit, Service	45%			2036	* *	1		
Exit, Battery	5%			2036	* *	10	$500	
Exterior Lighting								
HID	20%			2036	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	$108,600	1-3	$25,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Oil Tank. Two Digital Petro Meters Upgraded In 2020.								
Conversion Equipment								
Furnace	20%			2036	* *	1	$13,900	
Steam Boiler	80%			2044	* *	1	$111,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boiler's.								
Distribution								
Central Plant Steam Piping/Pmp	80%			2041	* *	4	$8,300	
Recent Installation, Extent : N/A, Area Affected : 80%								
Location : 2015 Upgrade Of Steam Traps At Various Locations Throughout								
No Component	20%							
Terminal Devices								
Air Handler	15%			2031	$396,100	1	$13,000	
Convector/Radiator	40%			2029	$459,000	1	$18,100	
Fan Coil Unit/Heat	25%			2026	$869,800	1	$11,300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Unit Ventilators Located In Various Classrooms Throughout								
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2036	* *	2	$2,600	
Split Unit	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Main Distribution Frame Room, Kitchen Storage Room And Elevator Machine Room								
Explanation : Three Dx Split Units.								
Window/Wall Unit	50%			2026	$265,800	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$54,800	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$23,500	
Exhaust Fans								
Interior	70%			2026	$435,600	2	$3,000	
Roof	30%			2036	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2051	* *	1		
Galvanized Steel	20%			2029	$358,300	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Gallon Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$28,100	4	$3,000	
Backflow Preventer								
Generic	100%			2036	* *	1	$8,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2051	* *	1-2	$11,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 205 - BK**		
Address	: **6701 20 AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K205**
Program / Asset #	: **BOE0500.000 / 1313**	**Yr Built/Renovated**	: **1925 / 2001**
Area Sq Ft	: **137,175**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5571** **Lot** : **1**	**BIN**	: **3134749**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$929,800	$255,900
Interior Architecture	$1,027,600	$144,500
Electrical	$120,800	$3,677,300
Mechanical	$3,685,900	$6,421,300
Site Enclosure	$93,700	
Site Pavements	$92,000	
Total	**$5,949,900**	**$10,498,900**
Importance Code A	$1,049,400	$1,502,900
Importance Code B	$4,623,800	$8,996,000
Importance Code C	$276,700	
Total	**$5,949,900**	**$10,498,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,900			
Interior Architecture	$157,000			$27,600
Electrical	$112,200	$24,800	$22,800	$26,700
Mechanical	$444,000	$72,500	$119,100	$161,200
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$740,000**	**$102,200**	**$146,900**	**$220,400**
Importance Code A	$21,900	$13,600	$13,600	$13,600
Importance Code B	$699,800	$88,600	$133,300	$202,400
Importance Code C	$18,300			$4,400
Total	**$740,000**	**$102,200**	**$146,900**	**$220,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$154,900	
Masonry: Brick	90%			LIFE	* *	5	$356,900	
Masonry: Limestone	5%			LIFE	* *	5	$14,900	
Windows								
Aluminum	100%	Now	$583,900	2049	* *	5	$20,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Classrooms And Offices Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Offices Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Offices Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 5%								
Location : Classrooms And Offices Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$105,400	
Metal Rail	10%	Now	$2,400	2046	* *	5	$12,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof Outside Room 320								
Pre-Cast Concrete	5%			LIFE	* *	5	$11,400	
Roof								
Built-Up (BUR)	50%			2038	* *	10	$43,300	
Metal Panel	5%	Now	$6,300	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : At Bulkhead Stair								
Modified Bitumen	45%			2038	* *	10	$39,000	
Interior								
Floors								
Cast in Place Concrete	12%	Now	$105,300	LIFE	* *	5	$54,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	5%			2042	* *	5	$10,300	
Patching Evident, Extent : Light, Area Affected : 2%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%	2-4	$48,200	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	70%	Now	$399,100	2038	* *	3	$54,200	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Cafeteria, Exit Stair Landing, Classroom 312 And Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Cafeteria, Exit Stair Landing, Classroom 312 And Throughout								
Wood	8%			2048	* *	5	$31,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$66,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%			2042	* *	5	$8,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$13,900	
Masonry: Brick	15%			LIFE	* *	10	$7,800	
Marble Panels	5%			LIFE	* *	10	$3,500	
Plaster	55%	Now	$116,700	LIFE	* *	5	$28,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Classrooms 312, 409, 419 And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 312, 409, 419 And Throughout								
Ceilings								
AcousTileConcealSpLn	10%	0-2	$16,600	2038	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	Now	$17,200	2046	* *	5	$5,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$25,800	
Metal Panel	5%	Now	$34,200	LIFE	* *	5	$12,900	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	11%	Now	$207,100	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms 312, 409, 419 And Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Classrooms 312, 409, 419 And Throughout								
Plaster	59%			LIFE	* *	5-10	$209,300	
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$93,700	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : North And South Sides Of Play Yard								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : North And South Sides Of Play Yard								
Explanation : Gate Hinges Broken								
Iron Picket	25%			2053	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%	0-2	$92,000	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$292,600	5	$600	
Raceway								
Conduit	70%			2043	* *	1		
Conduit	30%			2033	$86,700	1		
Panelboards								
Fused Disc Sw	10%			2032	$29,900	5	$300	
Molded Case Bkrs	90%			2032	$269,400	5	$3,300	
Wiring								
Braided Cloth	10%	0-2	$40,000	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Basement								
Thermoplastic	90%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$900	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$42,200	
Generators								
Diesel	100%			2029	$138,700	1	$53,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 200 Kilowatt								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$30,600	
Fuel Storage								
Day Tank	100%			2032	$25,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	96%			2028	$1,963,100	10	$120,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Lobby								
Explanation : Location Observed								
Egress Lighting								
Emergency, Service	60%			2028	$50,700	1		
Exit, LED	10%			2068	* *	1		
Exit, Service	30%			2028	$17,700	1		
Exterior Lighting								
HID	5%			2028	$32,000	10		
HID	5%	Now	$32,000	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$257,500	1	$51,200	
Fire/Smoke Detection								
Generic, Digital	100%			2028	$353,800	1-3	$87,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Oil Tank Room								
Explanation : 1 Tank, No.2 Oil, 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$119,600	2031	$1,195,600	1	$122,300	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room: Both Boilers Smoke Opacity Monitoring Defective								
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room: Boiler Automatic Feedwater Valve Defective/damaged								
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement - Boiler Room: Boiler No. 1 Needs Full Retubing								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement - Boiler Room: Both Boilers Need Burner Tuning								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units, 8369 Mbh Gross Each								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$36,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Assembly Rooms								
Explanation : Location Noted								
Steam Piping/Pump	70%	Now	$76,900	2033	$768,900			
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement Pump Area - Feedwater Tank's Make-up Water Feeder								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement Pump Area - Vacuum Pump Hose Connection Leaking; Basement Gymnasium: Radiator Valve Leaking								
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Throughout								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2028	$774,400	1	$25,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Convector/Radiator	63%			2031	$706,700	1	$27,900	
On Extended Life, Extent : Light, Area Affected : 90%								
Location : Throughout								
Fan Coil Unit/Heat	5%			2028	$170,100	1	$2,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Unit Ventilators; Used As Radiators Only								
Unit Heater - Steam	2%	Now	$15,600	2043	* *	4	$300	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Basement - Generator Room								
Controls								
Pneumatic	100%	Now	$132,600	2027	$2,651,100			
Broken, Extent : Moderate, Area Affected : 50%								
Location : Basement - Boiler Room: Air Compressor, 1 Of 2								
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Fan Rooms, Emergency Generator Room: Outside Air Damper Actuators Defective								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Basement Fan Room - Lower Gymnasium Air Handler Unit Controller								
Air Conditioning								
Energy Source								
Electricity	25%			2041	* *	1		
Electricity	75%			2058	* *	1		
Conversion Equipment								
Split Unit	3%	Now	$4,900	2041	* *			
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Telecom Room								
Window/Wall Unit	20%			2026	$103,900	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Auditorium, Other Locations								
Window/Wall Unit	72%			2032	$374,200	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Window/Wall Unit	5%	Now	$26,000	2033	$26,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office, Principal's Office, Room 303, Elevator Machine Room								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Custodian Office, Principal's Office, Room 303, Elevator Machine Room								
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$121,100	
Exhaust Fans								
Interior	100%			2028	$608,400	2	$4,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	50%	Now	$17,600	2033	$880,900	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Room 212 - Hot Water Pipe								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Brass/Copper	50%			2043	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Sanitary Piping								
Cast Iron	100%	Now	$34,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement - Universal Waste Lamp Storage								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$27,500	4	$4,300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%	Now	$6,100	2038	* *	1	$7,600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement - Boiler Room								
Explanation : Leaking (1 Of 2)								
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Explanation : Defective Sanitizing Sink Heater								
Tankless Water Heater (POU								
Gas Fired	100%			2026	$32,400	2		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 745 Mbh Input								

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Hot Water Storage Tank								
Generic	100%			2043	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 120 Gallons								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	$631,600	1-5	$71,700	
Sprinkler								
No Component	85%							
Generic	15%			2033	$284,500	1-2	$5,800	
Chemical System								
Wet	100%			2026	$734,400	1-3	$836,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 180 Sqaure Foot Hood (6x30)								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 205 - Q**		
Address	: **75-25 BELL BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q205**
Program / Asset #	: **BOE0846.000 / 1504**	**Yr Built/Renovated**	: **1954 / 1999**
Area Sq Ft	: **100,394**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7753** **Lot** : **1**	**BIN**	: **4164007**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$621,100	$140,300
Interior Architecture	$13,302,500	
Electrical	$663,700	$472,100
Mechanical	$362,200	$762,400
Total	**$14,949,500**	**$1,374,700**
Importance Code A	$672,500	$140,300
Importance Code B	$14,152,200	$1,234,500
Importance Code C	$124,800	
Total	**$14,949,500**	**$1,374,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$4,300	$11,000
Interior Architecture	$197,100		$11,300	$4,700
Electrical	$24,700	$1,300	$42,800	$800
Mechanical	$4,900	$7,600	$12,700	$4,600
Site Pavements	$22,900			
Total	**$249,600**	**$8,900**	**$71,100**	**$21,100**
Importance Code A			$4,300	$11,000
Importance Code B	$153,000	$8,900	$66,800	$10,100
Importance Code C	$96,600			
Total	**$249,600**	**$8,900**	**$71,100**	**$21,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$22,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick Cavity	81%			LIFE	* *	5	$76,200	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Fieldstone	7%			LIFE	* *	5	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed And Construction Netting								
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	2%			2041	* *	5-10	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed And Netting								
Windows								
Aluminum	75%			2047	* *	5	$22,100	
Aluminum	25%	Now	$350,500	2056	* *	5	$3,700	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Auditorium And Gymnasium								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$11,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	7%			LIFE	* *	5	$1,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	3%			2051	* *	5	$1,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	25%	Now	$270,600	2041	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Drains Inad/Misposn, Extent : Severe, Area Affected : 50%								
Location : Cafeteria								
Insul Miss/Displaced, Extent : Severe, Area Affected : 25%								
Location : Cafeteria								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 100%								
Location : All Perimeter Flashing Is Corroded, Bent And Past Its Useful Life								
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : At Drains								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Cafeteria Roof At Building Joints								
Modified Bitumen	70%			2041	* *	10	$64,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main, Gymnasium And Auditorium Roofs								
Explanation : Roof Replacement In Progress								
Roll Roofing	5%			2033	$29,700	5	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bulkheads								
Explanation : Under Construction								
Interior								
Floors								
Cast in Place Concrete	10%	4+	$25,700	LIFE	* *	5	$33,100	
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : All Mechanical Areas								
Ceramic Tile	5%	Now	$8,500	2034	* *	5	$3,800	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Boys Bathroom On Third Floor At Urinals								
Quarry Tile	2%			2036	* *	5	$4,500	
Terrazzo	5%	Now	$35,400	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	25%	0-2	$20,900	2036	* *	3	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Corridor And Cafeteria								
Vinyl Tile 9" X 9"	48%			2026	$12,812,600	3	$27,200	
Wood	5%			2059	* *	5	$14,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$35,300	2040	* *	5	$6,400	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Bathrooms 102 And 324								
Caulking Deteriorated, Extent : Severe, Area Affected : 10%								
Location : Bathrooms 102 And 324								
Concrete Masonry Unit	10%	Now	$48,200	LIFE	* *	5	$10,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Glazed Ceramic Panel	3%			LIFE	* *			
Metal Coiling Doors	1%			2039	* *	5	$12,800	
Plaster	50%			LIFE	* *	5	$38,500	
Plaster	5%	Now	$124,800	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Basement Mechanical Bathroom								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Plywood/Hardboard	3%	0-2	$5,800	LIFE	* *			
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Mainly At Corners And Edge Conditions In Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
SGFT/Glazed Masonry	23%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$365,100	2051	* *	5	$18,900	
Adhesion Failure, Extent : Severe, Area Affected : 50%								
Location : Gymnasium, Kitchen, Library, Third Floor Corridors And Kindergarten Classrooms								
AcousTile,Adhered	5%			2044	* *	5	$7,600	
Exposed Struc: Concrete	60%			LIFE	* *	5	$14,200	
Plaster	10%			LIFE	* *	5	$9,500	
Site Enclosure								
Fence/Gates								
Under Construction	100%							
Retaining Walls								
Under Construction	100%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%	Now	$22,000	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Sections Of Curbs On Bell Boulevard								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : All Sidewalks								
Explanation : Cracking From Construction Work At Areas Not Under Shed								
Under Construction	50%							

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	4%			2044	* *			
Masonry: Granite	1%	2-4	$900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Exit 6								
Under Construction	95%							
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$51,400	2061	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes And On Extended Life.								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$260,100	2061	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2031	$231,500	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Knife Sw	10%	2-4	$24,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Fan Rooms								
Fused Toggle Switch	40%	2-4	$95,800	2056	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Molded Case Bkrs	35%			2030	$83,800	5	$900	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$256,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$68,400	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$700	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$88,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$12,100	
Exit, Service	10%			2026	$4,300	1		
Exit, Service	40%			2039	* *	1		
Exterior Lighting								
Under Construction	100%							
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$37,700	1	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Entire Boiler Room Is Under Renovation. One Temporary Steam Boiler								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Entire Boiler Room Is Under Renovation. One Temporary Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2031	$377,900	1	$12,400	
Convector/Radiator	80%			2036	* *	1	$25,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2026	$95,100	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,000	
Exhaust Fans								
Interior	60%			2026	$267,200	2	$1,800	
Under Construction	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2029	$384,500	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : One Temporary Electrical Unit								
HW Heat Exchanger								
Under Construction	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$3,200	
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$6,000	
Backflow Preventer								
Generic	100%			2041	* *	1	$6,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$41,700	1-2	$800	

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Under Construction	1%							
Other Observation, Extent : Light, Area Affected : 0% *Location : Kitchen* *Explanation : Installation Is In Progress*								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 205A - BX (ECF)**
Address : **2475 SOUTHERN BOULEVARD (NEAR E. FORDHAM RD.)**
Borough : **BRONX** | **Agency's Number** : **X205**
Program / Asset # : **BOE0313.000 / 2686** | **Yr Built/Renovated** : **1976 / 2008**
Area Sq Ft : **55,000** | **Project Type** : **EDUCATION**
Date of Survey : **05-Nov-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3115** **Lot** : **21** | **BIN** : **2086808**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$290,100	$66,600
Interior Architecture	$316,900	
Electrical	$88,900	$729,500
Mechanical	$287,600	$1,031,500
Total	**$983,600**	**$1,827,600**
Importance Code A	$577,700	$66,600
Importance Code B	$405,900	$1,761,000
Total	**$983,600**	**$1,827,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,400	$4,700		$35,400
Interior Architecture	$77,600		$1,200	$9,800
Electrical	$14,200	$1,800	$2,100	$28,900
Mechanical	$74,800	$10,000	$14,300	$45,500
Site Enclosure	$5,800			
Site Pavements	$32,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$235,600**	**$20,400**	**$21,500**	**$123,500**
Importance Code A	$26,400	$10,100	$5,400	$41,000
Importance Code B	$110,100	$10,300	$16,000	$82,600
Importance Code C	$99,200			
Total	**$235,600**	**$20,400**	**$21,500**	**$123,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	$290,100	LIFE	* *	5	$66,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Facades								
Horizontal Cracks, Extent : Severe, Area Affected : 5%								
Location : Facade On Suthern Boulevard								
Stucco Cement	5%			2045	* *	5	$8,800	
Windows								
Aluminum	100%			2048	* *	5	$9,700	
Parapets								
Masonry: Brick Cavity	80%	4+	$2,600	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stucco Finish On Parapet Walls								
Metal: Cage/Fence	10%			2045	* *	5-10	$500	
Pre-Cast Concrete	10%			LIFE	* *	5	$400	
Roof								
Built-Up (BUR)	100%			2037	* *	10	$35,400	
Soffits								
Cast in Place Concrete	5%			LIFE	* *	5	$1,400	
Stucco Cement	95%	Now	$23,800	2045	* *	5	$6,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Play Yard Side								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,800	
Ceramic Tile	3%			2041	* *	5	$2,400	
Quarry Tile	2%			2037	* *	5	$2,400	
Terrazzo	5%			LIFE	* *	5	$3,100	
Vinyl Tile	85%	2-4	$94,500	2037	* *	3	$25,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Classrooms								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Along Pipe Tunnels, 1st Floor, Basement And Cafeteria								
Interior Walls								
Concrete Masonry Unit	10%	4+	$13,400	LIFE	* *	5	$2,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Gypsum Board	30%			LIFE	* *	5	$12,800	
Plaster	30%	Now	$25,900	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Classrooms And Near Windows In Classrooms								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Classrooms, Room 107, 203								
SGFT/Glazed Masonry	30%	2-4	$38,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exit 1 Vestibule								

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DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	Now	$77,700	2045	* *	5	$12,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 1st Floor Corridors								
Exposed Struc: Concrete	60%	2-4	$144,700	LIFE	* *	5	$7,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	10%			LIFE	* *	5	$5,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$5,800	2067	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$15,800	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Walkways								
Activity Yard								
Asphalt	95%	4+	$12,900	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Activity Yard								
Pavers/Stone	5%	4+	$4,300	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$200	
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$14,000	5	$100	
Molded Case Bkrs	90%			2031	$125,700	5	$1,300	
Wiring								
Thermoplastic	100%			2032	$199,600	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2030	$64,500	5	$300	
Variable Frequency Drive	10%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$50,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$6,600	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	15%			2027	$38,500	10		
HID	5%	Now	$12,800	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$20,600	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Entrance And Exit Doors And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Pull Box Station, Horns, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$127,900	5	$17,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks 7500 Gallons Each								

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DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	2-4	$287,600	2052	* *	1	$49,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. 3 Tubes Plugged.								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room. Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$30,900	2042	* *	4	$2,700	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	30%			2032	$310,500	1	$10,200	
Convector/Radiator	50%			2037	* *	1	$8,900	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	20%			2030	$179,200	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 19 Wall Units Provide Cool And Hot Air With Steam Supply								
Window/Wall Unit	10%			2027	$20,800	1		
No Component	70%							
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$3,600	
No Component	95%							
Terminal Devices								
Air Handler/Cool/Ht	5%			2037	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Mechanical Room								
Explanation : One Unit Serves Auditorium And Lunch Room								
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2037	* *	2	$1,900	
No Component	95%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,700	
Exhaust Fans								
Interior	30%	Now	$7,300	2032	$73,200	2	$400	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Ceiling Mounted On 3rd Floor								
Roof	70%	Now	$29,900	2032	$74,700	2	$900	
Malfunctioning, Extent : Severe, Area Affected : 70%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2032	$266,000	4	$8,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$11,000	4	$1,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$27,700	
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 205B (ECF)- BX**				
Address	: **2375 SOUTHERN BOULEVARD BTWN: E. FORDHAM RD, - E.187 ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X864**
Program / Asset #	: **BOE0341.000 / 330**			**Yr Built/Renovated**	: **1976 / 2010**
Area Sq Ft	: **21,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Apr-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2**				
Block	: **3114**	**Lot**	: **52**	**BIN**	: **2013047**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$385,200	
Electrical		$434,900
Mechanical		$1,129,700
Total	**$385,200**	**$1,564,600**
Importance Code A		$273,300
Importance Code B	$385,200	$1,291,400
Total	**$385,200**	**$1,564,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$103,200			
Interior Architecture	$73,800		$5,400	$500
Electrical	$900	$51,200	$600	$600
Mechanical	$6,300	$24,500	$6,500	$800
Site Enclosure	$4,600			
Site Pavements	$200			
Total	**$188,900**	**$75,700**	**$12,400**	**$1,900**
Importance Code A	$104,800		$1,600	
Importance Code B	$27,400	$75,700	$5,400	$1,900
Importance Code C	$56,800		$5,400	
Total	**$188,900**	**$75,700**	**$12,400**	**$1,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$38,400	LIFE	* *	5	$23,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Stucco Cement	5%			2043	* *	5	$3,100	
Windows								
Aluminum	100%	Now	$45,700	2055	* *	5	$500	1
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$200	
Metal Rail	80%			2043	* *	5-10	$15,400	
Roof								
IRMA/Protected Membrane	83%	Now	$14,100	2035	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	10%			2043	* *	10	$6,600	
Skylight, Plastic	2%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 16 Units								
Sloped Glazing	5%			LIFE	* *	5	$23,900	
Soffits								
Stucco Cement	100%	2-4	$5,100	2043	* *	5	$1,500	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Entrance Area Back Of School								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$8,000	
Ceramic Tile	5%			2039	* *	5	$1,800	
Quarry Tile	5%			2043	* *	5	$2,700	
Sheet Vinyl/Rubber	67%	Now	$319,700	2035	* *	5	$18,300	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$900	
Vinyl Tile	10%	Now	$10,100	2035	* *	3	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$5,900	2039	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	10%			2046	* *	5	$10,700	
Plaster	15%			LIFE	* *	5	$1,900	
SGFT/Glazed Masonry	60%	2-4	$46,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%			LIFE	* *	5	$17,200	
Ceilings								
AcousTileConcealSpLn	25%	2-4	$7,300	2035	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	60%	4+	$65,600	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 204 and 208								
Plaster	15%	0-2	$3,300	LIFE	* *	5	$3,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$4,600	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Rear Of Building								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	95%			2039	* *			
Rubber Matting	5%	0-2	$200	2035	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Play Yard								
Explanation : Sunken Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$130,000	5	$100	
Raceway								
Conduit	100%			2030	$61,200	1		
Panelboards								
Fused Disc Sw	5%			2029	$5,000	5		
Molded Case Bkrs	95%			2029	$94,800	5	$500	
Wiring								
Thermoplastic	100%			2030	$77,200	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	1%			2035	* *	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
Fluorescent	99%			2035	* *	10	$19,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$2,500	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
Fluorescent	30%			2035	* *	10	$600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Outside								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$11,800	1	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Multipurpose Room								
Explanation : Intrusion Alarm Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$16,300	1-3	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Multipurpose Room								
Explanation : Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	50%			2028		2	$3,200	
Radiant Heater	50%			2030	$273,300	2	$4,900	
Terminal Devices								
Fan Coil Unit/Heat	50%			2030	$260,300	1	$3,400	
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	75%			2028	$235,800	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Throughout The Building, 16 Split Units Provides Heating And Cooling								
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	75%			2030	$360,400	1	$5,100	
No Component	25%							
Heat Rejection								
Air Cooled Condenser Unit	75%			2030	$34,200	2	$11,000	
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$11,700	
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$1,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Middle Of The Roof								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 206 - BK**		
Address	: **2200 GRAVESEND NECK ROAD AND EAST 22 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K206**
Program / Asset #	: **BOE0501.000 / 1314**	**Yr Built/Renovated**	: **1925 / 2000**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5**		
Block	: **7381** **Lot** : **201**	**BIN**	: **3201080**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$470,400	$229,100
Interior Architecture	$2,815,200	$55,700
Electrical	$802,800	$905,400
Mechanical	$1,229,400	$270,200
Site Pavements	$106,300	
Total	**$5,424,200**	**$1,460,400**
Importance Code A	$565,400	$275,300
Importance Code B	$4,858,800	$1,185,100
Total	**$5,424,200**	**$1,460,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$11,400		$17,900	
Interior Architecture	$92,700	$4,000	$2,000	$11,000
Electrical	$33,200	$3,100	$3,400	$2,600
Mechanical	$83,500	$15,000	$41,200	$16,200
Site Enclosure	$5,300			
Site Pavements	$3,400			
Total	**$229,600**	**$22,100**	**$64,400**	**$29,700**
Importance Code A	$16,100	$10,800	$28,700	$10,800
Importance Code B	$172,700	$11,300	$35,700	$18,900
Importance Code C	$40,800			
Total	**$229,600**	**$22,100**	**$64,400**	**$29,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,500	
Masonry: Brick	81%	4+	$254,500	LIFE	* *	5	$154,500	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Room 511								
Masonry: Granite	5%			LIFE	* *	5	$7,200	
Masonry: Limestone	2%			LIFE	* *	5	$2,900	
Masonry: Marble	2%			LIFE	* *	5	$2,900	
Metal Panel	5%			2051	* *	5-10	$65,600	
Windows								
Aluminum	100%	Now	$132,600	2039	* *	5	$27,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$16,200	
Masonry: Brick	85%			LIFE	* *	5	$17,700	
Metal Rail	5%			2044	* *	5-10	$18,800	
Roof								
Modified Bitumen	98%			2036	* *	10	$83,400	
Skylight, Metal/Glass	2%			2041	* *	10	$5,700	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5	$5,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,400	
Ceramic Tile	5%			2040	* *	5	$8,000	
Marble Panels	5%			LIFE	* *	5	$6,000	
Quarry Tile	5%			2044	* *	5	$12,000	
Vinyl Tile	55%			2036	* *	3	$43,900	
Vinyl Tile 9" X 9"	10%			2026	$2,815,200	3	$6,000	
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Stairwells								
Wood	15%	0-2	$28,500	2046	* *	5	$22,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Cafeteria								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Glass: Single Pane	3%	Now	$3,100	LIFE	* *	5	$1,900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	70%	Now	$29,100	LIFE	* *	5	$17,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair 3 And 4, Various Classrooms At Upper Floors And Stair Bulkhead								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3 And 4, Various Classrooms At Upper Floors								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,500	
Plaster	5%	Now	$15,100	LIFE	* *	5	$3,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair 3/4 And Stair Bulkhead								
Plaster	85%			LIFE	* *	5	$52,600	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2041	* *			
Iron Picket	40%	4+	$5,300	2051	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2036	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	90%	Now	$3,400	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Steps At Entry At Rear Of Building								
Masonry: Granite	5%			LIFE	* *			
Masonry: Marble	5%			LIFE	* *	5	$300	
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	100%	2-4	$106,300	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%	4+	$4,600	2031	$46,300	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : 2nd And 4th Floors, Inadequate Power For Air Conditioners								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5		
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$260,100	5	$2,900	
Raceway								
Conduit	95%			2031	$231,500	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$300	
Fused Knife Sw	2%	2-4	$4,800	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Molded Case Bkrs	78%			2030	$186,800	5	$2,200	
Molded Case Bkrs	10%			2047	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$307,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2044	* *	5	$400	
Locally Mounted	50%			2029	$90,700	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2039	* *	10	$90,000	
Inadequate Lighting Level, Extent : Moderate, Area Affected : 5%								
Location : Storerooms								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2026	$302,000			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LEDs Observed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%	Now	$4,600	2026	$91,500			
Not Functioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$101,700	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$8,400	2036	* *	1-3	$18,300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Main Lobby								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Main Lobby								
Explanation : False Alarms								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 8,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$95,000	2044	* *	1	$97,200	
Broken, Extent : Severe, Area Affected : 20%								
Location : 1 Of 2 Pumps In Vacuum Pump Assembly In Boiler Room								
Damaged, Extent : Severe, Area Affected : 10%								
Location : Chemical Feed System Not Working								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler No.2 In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$410,200	1	$13,500	
Convector/Radiator	70%	Now	$31,200	2036	* *	1	$22,200	
Controller Not Working, Extent : Severe, Area Affected : 80%								
Location : Control Valves On Radiators Broken Throughout								
Fan Coil Unit/Heat	10%			2031	$270,200	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	70%			2026	$289,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,800	
Exhaust Fans								
Interior	90%	Now	$21,800	2026	$435,100	2	$2,400	
Broken, Extent : Moderate, Area Affected : 25%								
Location : Fan Room								
Roof	10%	Now	$21,200	2041	* *	2	$300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 300 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$7,700	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Outside Drain Near Basement Boiler Room Broken Causing Ponding At Boiler Room Windows And Leaks Into Room								
Sump Pump(s)								
Non-Submersible	100%			2031	$21,800	4	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2041	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 206 - Q**		
Address	: **61-21 97 PLACE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q206**
Program / Asset #	: **BOE0847.000 / 1505**	**Yr Built/Renovated**	: **1954 / 2001**
Area Sq Ft	: **63,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2083** **Lot** : **123**	**BIN**	: **4050414**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,443,200	$84,400
Interior Architecture		$14,135,800
Electrical	$167,100	$327,200
Mechanical	$838,800	$2,380,900
Total	**$2,449,100**	**$16,928,400**
Importance Code A	$1,498,100	$633,500
Importance Code B	$951,000	$16,294,800
Total	**$2,449,100**	**$16,928,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$106,900			
Interior Architecture	$142,800		$3,200	$10,200
Electrical	$11,500	$5,900	$7,900	$5,900
Mechanical	$29,600	$28,600	$20,300	$16,900
Site Pavements				
Total	**$290,900**	**$34,500**	**$31,400**	**$33,000**
Importance Code A	$106,900	$6,200	$6,200	$6,200
Importance Code B	$128,100	$28,200	$23,400	$26,800
Importance Code C	$56,000		$1,700	
Total	**$290,900**	**$34,500**	**$31,400**	**$33,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$151,100	
Masonry: Brick Cavity	10%	Now	$154,800	LIFE	* *	5	$8,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Spalling, Extent : Light, Area Affected : 2%								
Location : Bulkhead								
Masonry: Limestone	5%	Now	$35,000	LIFE	* *	5	$3,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Windows								
Aluminum	95%	2-4	$19,500	2041	* *	5	$10,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 2%								
Location : Gymnasium Windows								
Steel	5%	Now	$81,100	2058	* *	5	$6,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Stairs, Fan Room								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs, Fan Room								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Stairs, Fan Room								
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$55,200	
Masonry: Limestone	5%			LIFE	* *	5-10	$5,800	
Metal Rail	10%			2038	* *	5-10	$17,200	
Roof								
IRMA/Protected Membrane	95%	Now	$1,131,800	2043	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, Fan Room Over Main Roof								
Metal Panel	5%			2038	* *	10	$4,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$8,500	LIFE	* *	5	$10,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 3%								
Location : Basement, Crawl Space								
Ceramic Tile	3%			2036	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Lobby								
Vinyl Tile	2%	2-4	$2,800	2033	$55,100	3	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	80%			2033	$14,080,700	3	$39,900	
Wood	5%			2048	* *	5	$9,400	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$3,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,700	
Glazed Ceramic Panel	2%			LIFE	* *	10	$2,100	
Plaster	60%	2-4	$34,000	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Stairway Near Window								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$17,500	
Ceilings								
AcousTile,Adhered	15%	2-4	$9,600	2038	* *	5	$7,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor, Gymnasium								
AcousTileSusp.Lay-In	15%			2038	* *	5	$15,000	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$24,900	
Plaster	50%	4+	$30,300	LIFE	* *	5	$31,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Bulkhead, Stair A								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2043	* *			
Iron Picket	80%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	2%			2036	* *			
Cast in Place Concrete	85%			2038	* *			
Masonry: Granite	3%			LIFE	* *			
Pavers/Stone	10%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	90%			2036	* *			
Rubber Matting	10%			2033	$30,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Fused Disc Sw	10%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 100 Ampere Emergency Lighting Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- Vertical Sections								
Raceway								
Conduit	70%			2033	$101,200	1		
Conduit	30%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$1,700	
Wiring								
Braided Cloth	40%	2-4	$79,800	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2043	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	$11,900	5		
Variable Frequency Drive	90%			2038	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One Of The Two Grounding Devices In The Building								
Generic	50%	2-4	$5,200	LIFE	* *	5	$500	
Corroded, Extent : Light, Area Affected : 100%								
Location : Fan Room								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$54,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%	Now	$87,300	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Auditorium								
Explanation : Auditorium Lights Are Not Working								
Egress Lighting								
Emergency, Battery	50%			2033	$52,900	10	$7,600	
Exit, Service	50%			2033	$13,600	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$118,300	1	$23,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$38,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$146,500	5	$19,500	
Conversion Equipment								
Steam Boiler	100%	Now	$54,900	2031	$549,100	1	$56,200	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Boiler 2 Integral Controls								
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Oil Leaks At Boiler 1in Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2041	* *	1	$7,800	
Convector/Radiator	70%			2038	* *	1	$14,200	
Fan Coil Unit/Heat	10%			2033	$156,200	1	$2,000	
Controls								
Electrical	50%			2026	$175,100			
Pneumatic	50%			2027	$608,800			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2033	$92,900	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100% Location : Roof								
Ext Pkg Unit - Heating/Cooling	70%			2033	$740,900	2	$2,700	
R-134a Refrigerant, Extent : Light, Area Affected : 100% Location : Roof - 3 Units								
Split Unit	5%			2033	$74,800			
Window/Wall Unit	5%			2028	$11,900	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2053	* *	4	$500	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2038	* *	1	$3,900	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2033	$16,400	2	$4,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,600	
Exhaust Fans								
Interior	40%			2038	* *	2	$800	
Roof	60%			2033	$73,300	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$160,900	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$304,600	4	$9,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$12,600	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2033	$33,000	4	$3,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Water Mains								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$400	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : One Set - 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 207 - BK**		
Address	: **4011 FILLMORE AVE. BTWN: KIMBALL ST, COLEMAN ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K207**
Program / Asset #	: **BOE0502.000 / 25**	**Yr Built/Renovated**	: **1926 / 2014**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8484** **Lot** : **1**	**BIN**	: **3239388**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$175,800	$96,700
Interior Architecture	$1,949,200	$603,000
Electrical	$273,800	$828,100
Mechanical	$411,900	$1,514,300
Site Pavements		$331,900
Total	**$2,810,700**	**$3,374,100**
Importance Code A	$175,800	$96,700
Importance Code B	$2,554,100	$2,818,700
Importance Code C	$80,800	$458,700
Total	**$2,810,700**	**$3,374,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,600			
Interior Architecture	$147,400	$8,700	$8,400	$1,300
Electrical	$11,000	$14,400	$1,800	$2,000
Mechanical	$24,600	$9,800	$15,400	$9,800
Site Pavements	$2,700			
Total	**$189,200**	**$32,900**	**$25,500**	**$13,100**
Importance Code A	$10,200	$6,800	$6,600	$6,600
Importance Code B	$113,900	$26,100	$18,900	$6,500
Importance Code C	$65,100			
Total	**$189,200**	**$32,900**	**$25,500**	**$13,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$42,000	
Masonry: Brick	90%			LIFE	* *	5	$96,700	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$4,000	
Windows								
Aluminum	100%	Now	$123,800	2046	* *	5	$13,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,600	
Masonry: Brick	90%			LIFE	* *	5	$20,500	
Roof								
Copper/Terne	5%	Now	$3,600	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkhead On Roof								
Modified Bitumen	95%			2035	* *	10	$52,000	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$8,800	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gas And Electrical Rooms In Basement								
Ceramic Tile	5%	Now	$14,500	2033	$290,400	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	4+	$22,600	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sheet Vinyl/Rubber	5%			2035	* *	5	$7,700	
Vinyl Tile	65%			2035	* *	3	$25,100	
Vinyl Tile 9" X 9"	10%	Now	$36,400	2025	$1,818,200	3	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			2045	* *	5	$9,700	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$18,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gas And Electrical Rooms In Basement								
Ceramic Tile	5%	Now	$5,200	2033	$261,100	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$2,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	4+	$41,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$80,800	LIFE	* *	5	$19,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	20%			LIFE	* *	5	$3,200	
Plaster	80%	Now	$50,100	LIFE	* *	5	$51,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium, Two Classrooms On 3rd Floor And Stairwell								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium, Two Classrooms On 3rd Floor And Stairwell								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2040	* *			
Iron Picket	40%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2035	* *			
Pavers/Stone	20%			2033	$197,600			
Activity Yard								
Asphalt	100%	4+	$2,700	2033	$134,300			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2030	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch Which Is In Satisfactory Condition; However, There Is A Water Leak In The Room.								
Fused Disc Sw	10%			2030	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	60%			2029	$107,800	5	$1,100	
Molded Case Bkrs	30%			2046	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$159,700	2055	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : On Extended Life								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$95,500	5	$400	
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	65%			2038	* *	10	$39,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	30%			2030	$299,600	10	$18,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Fixtures Installed In 2014.								
Egress Lighting								
Emergency, Battery	40%			2025	$45,000	10	$6,500	
Emergency, Battery	10%			2038	* *	10	$1,600	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	100%			2035	* *	10	$6,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%	2-4	$69,100	2040	* *	1-3	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior Corridors								
Explanation : The Fire Alarm System Is Obsolete.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No. 2 Oil, One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$66,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	20%			2050	* *			
Steam Piping/Pump	80%	Now	$8,600	2030	$429,200			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Traps Leaking								
Terminal Devices								
Air Handler	25%			2035	* *	1	$10,400	
Convector/Radiator	50%			2028	$273,900	1	$10,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%	Now	$99,700	2040	* *	1	$1,900	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Throughout Classrooms, Multiple Mechanical And Or Electrical Defects								
Fan Coil Unit/Heat	15%	2-4	$12,500	2025	$249,200	1	$2,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	2%			2035	* *			
Window/Wall Unit	50%			2028	$126,900	1		
No Component	48%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,400	
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Basement Level								
Exhaust Fans								
Interior	95%			2035	* *	2	$2,000	
Roof	5%			2035	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%			2028	$684,300	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gallons								

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DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	10%	0-2	$50,600	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Deteriorating Piping								
Storm Drain Piping								
Cast Iron	5%	Now	$7,100	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Riser On Southern Side Of Building								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2030	$13,400	4	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Backflow Preventer								
No Component	90%							
Generic	10%			2035	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 207 - BK ANNEX**		
Address	: **3874 FLATLANDS AVENUE @ HENDRICKSON ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K729**
Program / Asset #	: **BOE1059.000 / 14372**	**Yr Built/Renovated**	: **1926 / 2010**
Area Sq Ft	: **29,598**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7859** **Lot** : **47**	**BIN**	: **3345177**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$167,200	$66,300
Interior Architecture	$88,900	$108,900
Electrical		$579,300
Mechanical		$769,500
Site Pavements		$64,800
Total	**$256,100**	**$1,588,800**
Importance Code A	$167,200	$66,300
Importance Code B		$1,413,600
Importance Code C	$88,900	$108,900
Total	**$256,100**	**$1,588,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,800	$27,100		
Interior Architecture	$15,500	$20,800	$1,900	
Electrical	$44,200	$2,900	$3,700	$2,800
Mechanical	$9,400	$71,600	$5,400	$4,700
Site Pavements	$400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$122,300**	**$126,300**	**$15,000**	**$11,400**
Importance Code A	$51,700	$30,100	$2,900	$2,900
Importance Code B	$62,500	$96,200	$12,000	$8,500
Importance Code C	$8,100			
Total	**$122,300**	**$126,300**	**$15,000**	**$11,400**

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DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK ANNEX

Asset # : 14372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$109,200	LIFE	* *	5	$66,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Masonry: Limestone	5%	Now	$58,000	LIFE	* *	5	$2,800	
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Building Base								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Base								
Explanation : This Component Is Actually Bluestone								
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	100%	4+	$48,800	2046	* *	5	$5,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$4,200	
Metal Rail	10%			2043	* *	5-10	$9,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	95%			2035	* *	10	$27,100	
Metal Panel	5%			2043	* *	10	$2,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$4,800	
Ceramic Tile	5%			2039	* *	5	$2,200	
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Bathrooms								
Quarry Tile	5%			2043	* *	5	$3,300	
Vinyl Tile	35%			2035	* *	3	$5,800	
Wood	50%			2045	* *	5	$41,500	
Interior Walls								
Ceramic Tile	10%			2039	* *	5	$7,800	
Gypsum Board	15%			LIFE	* *	5	$7,000	
Masonry: Brick	30%	Now	$88,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Plaster	10%	Now	$3,800	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Entry Vestibule								
Wood	35%			LIFE	* *	5	$108,900	

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DEPARTMENT OF EDUCATION - 040
P. S. 207 - BK ANNEX
Asset # : 14372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	65%			2043	* *	5	$28,800	
Exposed Struc: Concrete	15%			LIFE	* *	5	$1,000	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$5,500	
Plaster	5%	Now	$6,700	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Entry Vestibule								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Entry Vestibule								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entry Area								
Pavers/Stone	10%			2033	$8,900			
Parking/Driveway								
Asphalt	100%			2033				
Activity Yard								
Asphalt	75%			2033	$64,800			
Rubber Matting	25%			2030	$25,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$100	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Molded Case Bkrs	100%			2046	* *	5	$800	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040
P. S. 207 - BK ANNEX
Asset # : 14372

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	$441,200	10	$27,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2030	$24,800	10	$3,600	
Exit, Battery	50%			2030	$21,000	10	$1,000	
Exterior Lighting								
HID	100%	Now	$41,400	2030	$138,100			
Damaged Fixtures, Extent : Light, Area Affected : 30%								
Location : Building Perimeter At Exits								
Alarm								
Security System								
Generic	100%			2035	* *	1	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$18,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$68,800	5	$9,200	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Outside								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$29,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2040	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK ANNEX

Asset # : 14372

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%			2028	$242,000	1	$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Original Cast Iron Radiators.								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2025	$32,500	2	$200	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Unit Appears To Be Abandoned In Place At Roof That Served The Lobby.								
Split Unit	10%			2035	* *			
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Three Units, Cafeteria								
Window/Wall Unit	70%			2028	$78,500	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Data And Communication Room In School Office								
Explanation : Two Units								
No Component	10%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2035	* *	1	$1,400	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2035	* *	2	$3,100	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$8,300	
No Component	50%							
Exhaust Fans								
Roof	50%			2030	$28,700	2	$500	
Wall Unit	20%			2030	$2,600	2	$200	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$380,100	1		
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
Other Observation, Extent : Light, Area Affected : 60%								
Location : Closets On Floor 1, 2, 3 And Kitchen								
Explanation : Kitchen Has 120 Gallons And Floors 1, 2, 3 Have 40 Gallons. Pressure Relief Valves Not Piped To Drain.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK ANNEX

Asset # : 14372

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$5,200	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 30%								
Location : East And West Exterior Walls And Vertical Leaders								
Sump Pump(s)								
Non-Submersible	100%			2025	$5,900	4	$900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 207 - Q**		
Address	: **159-15 88 STREET BTWN: 159 AVE., 160 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q207**
Program / Asset #	: **BOE0848.000 / 1506**	**Yr Built/Renovated**	: **1965 / 2015**
Area Sq Ft	: **87,475**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **14009** **Lot** : **60**	**BIN**	: **4293311**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$103,800	
Interior Architecture	$14,322,700	
Electrical	$139,800	$635,700
Mechanical		$1,778,500
Total	**$14,566,300**	**$2,414,200**
Importance Code A	$103,800	
Importance Code B	$14,462,500	$2,414,200
Total	**$14,566,300**	**$2,414,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$12,000	
Interior Architecture	$16,100	$26,700	$5,100	
Electrical	$12,800	$27,000	$13,900	$12,000
Mechanical	$16,000	$12,100	$20,500	$12,100
Site Enclosure	$22,000			
Total	**$67,000**	**$65,800**	**$51,400**	**$24,100**
Importance Code A	$8,700	$8,900	$20,700	$8,700
Importance Code B	$36,300	$57,000	$30,700	$15,400
Importance Code C	$22,000			
Total	**$67,000**	**$65,800**	**$51,400**	**$24,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - Q

Asset # : 1506

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$11,800	
Masonry: Brick Cavity	95%			LIFE	* *	5	$47,800	
Windows								
Aluminum	100%			2046	* *	5	$24,000	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$26,000	
Metal Rail	50%			2043	* *	5-10	$56,900	
Metal Security Bars	10%			2045	* *			
Roof								
Built-Up (BUR)	97%	4+	$103,800	2035	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Above Rooms 305 And 300								
Copper/Terne	3%			2058	* *	10	$6,900	
Soffits								
Stucco Cement	100%			2043	* *	5	$33,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,800	
Mosaic Tile	3%			2043	* *	5	$10,100	
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	10%			2035	* *	3	$5,100	
Vinyl Tile	20%			2035	* *	3	$10,100	
Vinyl Tile 9" X 9"	60%			2025	$14,322,700	3	$30,400	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,100	
Plaster	70%			LIFE	* *	5	$43,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$33,100	
Exposed Struc: Concrete	55%			LIFE	* *	5	$11,400	
Plaster	20%	4+	$16,100	LIFE	* *	5	$16,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms, Stairs C Bulkhead								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$22,000	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Masonry: Granite	5%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 207 - Q
Asset # : 1506

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	80%			2030	$161,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2046	* *	5	$300	
Molded Case Bkrs	10%			2046	* *	5	$200	
Molded Case Bkrs	75%			2029	$179,600	5	$1,700	
Wiring								
Thermoplastic	80%			2030	$233,400	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$26,900	
Generators								
Natural Gas	100%			2043	* *	1	$33,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	97%			2035	* *	10	$77,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2035	* *	10	$800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
HID	2%			2035	* *	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - Q

Asset # : 1506

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$10,600	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	15%			2030	$61,200	10		
HID	15%	Now	$61,200	2040	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Not Functional								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$9,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$53,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$86,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	90%			2030	$630,400			
Steam Piping/Pump	10%			2056	* *			
Terminal Devices								
Air Handler	20%			2030	$329,200	1	$10,800	
Convector/Radiator	10%	0-2	$3,600	2035	* *	1	$2,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats, Various Locations								
Convector/Radiator	60%			2035	* *	1	$17,000	
Fan Coil Unit/Heat	10%			2030	$216,900	1	$2,800	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - Q

Asset # : 1506

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$198,800	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,800	
Exhaust Fans								
Interior	60%			2030	$232,800	2	$1,600	
Roof	40%			2030	$67,900	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$102,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$36,300	1-2	$700	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 208 - BK**		
Address	: **4801 AVENUE D BTWN: EAST 48 ST, EAST 49 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K208**
Program / Asset #	: **BOE0503.000 / 26**	**Yr Built/Renovated**	: **1927 / 2009**
Area Sq Ft	: **82,004**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4769** **Lot** : **25**	**BIN**	: **3105680**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$529,700	$228,400
Interior Architecture	$236,200	$2,142,400
Electrical	$450,200	$670,200
Mechanical	$1,244,600	$1,211,800
Site Pavements		$293,400
Total	**$2,460,700**	**$4,546,100**
Importance Code A	$529,700	$228,400
Importance Code B	$1,858,000	$4,024,400
Importance Code C	$73,000	$293,400
Total	**$2,460,700**	**$4,546,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$76,700	$19,200		$4,600
Electrical	$11,000	$25,900	$1,600	$1,800
Mechanical	$75,500	$29,900	$22,300	$12,900
Site Enclosure	$36,900			
Site Pavements	$28,300			
Total	**$228,400**	**$75,000**	**$23,900**	**$19,300**
Importance Code A	$8,100	$8,300	$8,100	$8,100
Importance Code B	$173,100	$66,700	$15,800	$11,200
Importance Code C	$47,200			
Total	**$228,400**	**$75,000**	**$23,900**	**$19,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$103,700	
Masonry: Limestone	5%			LIFE	* *	5	$4,100	
Windows								
Aluminum	95%	Now	$468,200	2046	* *	5	$21,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%			2033	$124,700	10	$14,000	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$14,600	
Metal Rail	5%			2043	* *	5-10	$15,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,800	
Roof								
Metal Panel	5%			2043	* *	10	$5,900	
Modified Bitumen	95%			2035	* *	10	$61,500	
Interior								
Floors								
Ceramic Tile	5%	Now	$17,300	2039	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : All Staff Toilets								
Quarry Tile	5%			2043	* *	5	$9,200	
Terrazzo	5%	4+	$11,500	LIFE	* *	5	$4,800	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Main Entrance								
Traffic Topping	25%			2030	$1,464,300	5	$38,400	
Vinyl Tile	20%	Now	$13,600	2030	$678,100	3	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Classrooms								
Vinyl Tile 9" X 9"	10%	Now	$108,300	2040	* *	3	$4,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	30%	Now	$54,900	2045	* *	5	$34,500	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Classrooms Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 309, 211								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%	Now	$73,000	LIFE	* *	5	$45,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 305, 320								
Ceilings								
Exposed Struc: Concrete	50%			LIFE	* *	5	$8,800	
Plaster	50%	Now	$34,300	LIFE	* *	5	$35,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classroom 305								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2040	* *			
Iron Picket	80%	Now	$36,900	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Along Avenue D								
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Along Avenue D								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$18,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Throughout At Trees								
On-Site Walkways								
Cast in Place Concrete	75%	4+	$4,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pavers/Stone	25%	2-4	$5,900	2033	$293,400			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Exits Steps Throughout								
Activity Yard								
Asphalt	80%			2039	* *			
Pavers/Stone	10%			2039	* *			
Rubber Matting	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$182,100	5	$300	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	80%			2030	$161,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	15%			2046	* *	5	$300	
Molded Case Bkrs	80%			2029	$191,600	5	$1,700	
Wiring								
Braided Cloth	80%	2-4	$233,400	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	40%			2035	* *	5	$200	
Locally Mounted	60%			2028	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$71,500	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Library And Locker Room								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2025	$68,800	10	$9,900	
Exit, Service	40%			2025	$14,100	1		
Exit, Service	10%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%	Now	$3,800	2025	$76,500			
Damaged Fixtures, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$6,300	2030	$63,500	1-3	$13,800	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Throughout - Strobe Riser Fault Keeps System In Trouble Mode								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Horns, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$81,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Corrosion Occurring On Shell Of 2 Steam Boilers.								
Distribution								
Steam Piping/Pump	75%			2040	* *			
Steam Piping/Pump	25%	Now	$98,500	2040	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Boiler Return Piping In Basement								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Thermostatic Controls Issues Throughout.								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Thermostatic Radiator Traps Throughout.								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Faulty Float And Thermostatic Traps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	2%	Now	$18,500	2030	$30,900	1	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Dampers In Fan Room And Thermostats Throughout.								
Explanation : Pneumatic Controls Air Leaks								
Air Handler	28%			2030	$432,100	1	$14,200	
Convector/Radiator	35%			2028	$234,700	1	$9,300	
Fan Coil Unit/Heat	35%	Now	$71,200	2025	$711,600	1	$8,300	
Controller Not Working, Extent : Moderate, Area Affected : 90%								
Location : Unit Ventilators Throughout Not Used Due To Faulty Thermostats.								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2025	$181,500	1	$5,700	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Split Unit	2%			2030	$38,900			
Window/Wall Unit	20%	Now	$37,300	2030	$62,100	1		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Third Floor								
No Component	63%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%			2040	* *	4	$900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : Rusting And Corrosion Occurring At Pumps.								
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2030	$88,300	1	$7,600	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2030	$13,200	2	$8,600	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	
Exhaust Fans								
Interior	100%	0-2	$181,800	2030	$363,700	2	$2,000	
Broken, Extent : Severe, Area Affected : 40%								
Location : 1 Of 5 Exhaust Fans In Basement								
Noisy/Vibrating, Extent : Moderate, Area Affected : 60%								
Location : 2 Of 5 Fans In Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up To 1st Floor On Avenue D Side								
Sump Pump(s)								
Non-Submersible	100%			2030	$16,400	4	$1,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2030	$22,700	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 209 - BK**				
Address	: **2609 EAST 7TH STREET AVE. Z & EAST 7TH STREET**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K209**	
Program / Asset #	: **BOE0504.000 / 27**		**Yr Built/Renovated**	: **1930 / 2003**	
Area Sq Ft	: **69,589**		**Project Type**	: **EDUCATION**	
Date of Survey	: **10-Jun-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,4**				
Block	: **7244**	**Lot** : **1**	**BIN**	: **3196224**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$911,300	$172,500
Interior Architecture	$367,700	$56,300
Electrical	$333,500	$559,200
Mechanical	$755,100	$517,600
Site Enclosure		$170,700
Total	**$2,367,500**	**$1,476,300**
Importance Code A	$911,300	$172,500
Importance Code B	$1,456,200	$1,076,800
Importance Code C		$227,000
Total	**$2,367,500**	**$1,476,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,400		$50,400	$17,100
Interior Architecture	$22,500	$5,900	$39,400	$5,600
Electrical	$45,700	$1,500	$37,300	$1,000
Mechanical	$27,300	$9,700	$30,800	$10,400
Site Enclosure	$5,000			
Site Pavements				
Total	**$110,900**	**$17,000**	**$157,900**	**$34,100**
Importance Code A	$22,600	$6,900	$57,500	$24,000
Importance Code B	$69,100	$4,300	$100,400	$10,100
Importance Code C	$19,200	$5,900		
Total	**$110,900**	**$17,000**	**$157,900**	**$34,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$52,200	
Copper/Terne	2%			2051	* *	10	$6,300	
Masonry: Brick	90%	Now	$198,100	LIFE	* *	5	$120,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair C/d And Various Walls At Upper Floors								
Masonry: Granite	3%			LIFE	* *	5	$3,000	
Windows								
Aluminum	98%			2047	* *	5	$34,300	
Metal Louvers	2%	Now	$1,900	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$3,800	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Copper/Terne	2%	Now	$2,600	2066	* *	5	$800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$192,900	LIFE	* *	5	$15,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	3%	0-2	$2,100	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2026	$520,300	10	$44,600	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Copper/Terne	5%			2046	* *	10	$5,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,800	
Ceramic Tile	5%			2034	* *	5	$5,200	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Various Bathrooms								
Sheet Vinyl/Rubber	5%			2036	* *	5	$7,800	
Terrazzo	5%			LIFE	* *	5	$4,100	
Vinyl Tile	43%			2036	* *	3	$22,400	
Vinyl Tile 9" X 9"	2%			2026	$367,700	3	$800	
Wood	30%			2046	* *	5	$58,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$11,700	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$52,800	
Plaster	5%	Now	$14,300	LIFE	* *	5	$3,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair C/d								
Ceilings								
AcousTileConcealSpLn	10%			2036	* *	5	$11,900	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,200	
Plaster	75%			LIFE	* *	5	$44,700	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2031	$170,700			
Chain Link	30%			2041	* *			
Iron Picket	40%	Now	$5,000	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Masonry: Brick	100%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Areaways								
Explanation : This Is Actually Cement Stucco Over Brick								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Cast in Place Concrete	85%			2036	* *			
Rubber Matting	5%			2031	$16,900			
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : This Is Actually Artificial Turf								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch And One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2031	$136,500	5	$200	
Fused Disc Sw	30%			2041	* *	5	$100	
Raceway								
Conduit	80%			2031	$115,700	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Fused Knife Sw	1%	2-4	$1,800	2056	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	20%			2047	* *	5	$400	
Molded Case Bkrs	69%			2030	$123,900	5	$1,300	
Wiring								
Braided Cloth	90%	2-4	$179,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$59,700	5	$200	
Locally Mounted	50%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$57,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2026	$96,400	2	$100	
LED	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LEDs Observed								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2031	$58,400	10	$8,400	
Exit, Service	50%			2031	$15,000	1		
Exterior Lighting								
HID	20%	Now	$32,500	2031	$64,900			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$35,900	1-3	$8,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7,500 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$12,100	2036	* *	1	$62,000	
Damaged, Extent : Severe, Area Affected : 5%								
Location : Chemical Treatment Tank In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	20%			2026	$261,900	1	$8,600	
Convector/Radiator	50%			2036	* *	1	$11,200	
Fan Coil Unit/Heat	30%	Now	$10,400	2031	$517,600	1	$6,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	70%			2026	$184,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,800	
Exhaust Fans								
Interior	100%			2026	$308,600	2	$2,100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Electric	10%			2024	$2,400	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Serves The Kitchen Area								
Gas Fired	90%			2026	$15,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 600 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$13,900	4	$1,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 20%								
Location : Staff Restrooms								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 209 - BX**		
Address	: **313 EAST 183 STREET @ TIEBOUT AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X209**
Program / Asset #	: **BOE1020.000 / 503**	**Yr Built/Renovated**	: **1994 /**
Area Sq Ft	: **24,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3146** **Lot** : **72**	**BIN**	: **2103868**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$79,100	
Electrical		$496,400
Mechanical	$123,600	$548,000
Site Pavements		$157,200
Total	**$202,700**	**$1,201,600**
Importance Code A	$79,100	$209,200
Importance Code B	$123,600	$992,500
Total	**$202,700**	**$1,201,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,700		$4,600	
Interior Architecture	$29,900		$3,600	
Electrical	$2,500	$7,800	$2,300	$2,500
Mechanical	$11,500	$41,900	$12,100	$5,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$65,400**	**$57,600**	**$30,600**	**$15,900**
Importance Code A	$18,000	$2,400	$7,000	$2,400
Importance Code B	$45,100	$55,100	$23,600	$13,500
Importance Code C	$2,300			
Total	**$65,400**	**$57,600**	**$30,600**	**$15,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	100%	4+	$79,100	LIFE	* *	5	$45,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement From Playground On South East Corner								
Windows								
Aluminum	100%			2046	* *	5	$9,200	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$6,500	
Metal Security Bars	10%			2058	* *			
Pre-Cast Concrete	5%	Now	$3,100	LIFE	* *	5	$2,400	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Coping								
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : Coping Throughout								
Roof								
IRMA/Protected Membrane	95%	4+	$10,600	2035	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 4%								
Location : Lower Roof 2nd Floor								
Metal Panel	5%			2043	* *	10	$2,200	
Soffits								
Alum/Vinyl Siding	100%			2050	* *	10		
Interior								
Floors								
Cast in Place Concrete	10%	Now	$6,200	LIFE	* *	5	$8,000	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms C05, C19, C18								
Ceramic Tile	5%			2039	* *	5	$1,800	
Quarry Tile	5%			2043	* *	5	$2,700	
Vinyl Tile	80%			2035	* *	3	$10,900	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$4,600	
Concrete Masonry Unit	60%			LIFE	* *	5	$21,800	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	60%			2043	* *	5	$30,900	
AcousTileSusp.Lay-In	15%	0-2	$20,600	2043	* *	5	$3,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$5,200	
Metal Panel	5%			LIFE	* *	5	$2,600	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2065	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	45%			2033	$157,200			
Rubber Matting	55%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	15%			2038	* *	5	$100	
Molded Case Bkrs	85%			2038	* *	5	$500	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	50%			2035	* *	5	$100	
Motor Control Center	50%			2035	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$7,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2033	$138,700	1	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room - Basement								
Explanation : Emergency Generator Rated At 100 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$5,300	
Fuel Storage								
Day Tank	10%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room - Basement								
Explanation : 25 Gallons Rated Capacity								
Main Tank	90%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No Available Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$350,600	10	$21,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2030	$7,200	10	$400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
Egress Lighting								
Emergency, Service	50%			2030	$7,400	1		
Exit, Service	50%			2030	$5,200	1		
Exterior Lighting								
HID	15%			2030	$16,800	10		
LED	15%			2038	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$13,500	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2030	$18,600	1-3	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Conversion Equipment								
Steam Boiler	95%			2028	$198,700	1	$22,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers. 2 Heat Exchangers For Hot Water Devices. No. 2 Exchanger Leaks.								
Steam Boiler	5%	0-2	$2,100	2028	$10,500	1	$1,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : No. 2 Unit Corroded And Leaking At The Bottom, Boiler Room								
Distribution								
Hot Wtr Piping/Pump	80%			2038	* *	4	$900	
Steam Piping/Pump	20%			2040	* *			
Terminal Devices								
Air Handler	15%			2025	$67,700	1	$2,200	
Convector/Radiator	40%			2035	* *	1	$3,100	
Fan Coil Unit/Heat	45%			2035	* *	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2030	$283,300	1	$8,900	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Two Units In The Basement								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2040	* *	4	$1,400	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2025	$55,900	1	$2,200	
Fan Coil - 4 Pipe	65%			2035	* *	1	$5,000	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$55,600	2	$16,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$13,400	
Exhaust Fans								
Interior	30%			2025	$31,900	2	$200	
Roof	70%			2030	$32,600	2	$500	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$4,800	4	$500	
Sewage Ejector(s)								
Electric	100%			2030	$12,600	4	$1,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$12,100	
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$1,400	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 209 - Q**		
Address	: **16-10 UTOPIA PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q209**
Program / Asset #	: **BOE0849.000 / 1507**	**Yr Built/Renovated**	: **1956 / 2009**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5734** **Lot** : **1**	**BIN**	: **4128717**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$249,000	$166,700
Interior Architecture	$2,365,100	$10,848,000
Electrical	$239,500	$512,300
Mechanical	$544,900	$3,602,100
Site Pavements	$119,700	$104,300
Total	**$3,518,300**	**$15,233,300**
Importance Code A	$580,200	$166,700
Importance Code B	$2,938,100	$14,962,400
Importance Code C		$104,300
Total	**$3,518,300**	**$15,233,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,400	$10,700		
Interior Architecture	$166,400		$8,100	$7,700
Electrical	$17,300	$7,100	$8,800	$7,400
Mechanical	$41,500	$15,100	$16,900	$10,600
Site Enclosure	$3,300			
Site Pavements	$69,500			
Total	**$366,400**	**$32,900**	**$33,800**	**$25,700**
Importance Code A	$68,400	$18,200	$7,500	$7,500
Importance Code B	$164,300	$14,700	$22,600	$18,200
Importance Code C	$133,800		$3,700	
Total	**$366,400**	**$32,900**	**$33,800**	**$25,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	8%			LIFE	* *	5	$54,400	
Masonry: Brick Cavity	85%	4+	$107,400	LIFE	* *	5	$61,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Bulkhead Stair								
Masonry: Limestone	5%	0-2	$14,300	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Window Sills Throughout								
Granite Panels	2%			LIFE	* *	5	$2,200	
Windows								
Aluminum	100%			2055	* *	5	$21,400	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5-10	$85,500	
Masonry: Limestone	10%			LIFE	* *	5-10	$25,400	
Metal Rail	30%			2046	* *	5-10	$113,000	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$105,000	
Copper/Terne	5%			2061	* *	10	$13,800	
Soffits								
Cast in Place Concrete	75%			LIFE	* *	5	$5,700	
Masonry: Granite	25%			LIFE	* *	5	$300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$48,900	
Ceramic Tile	3%			2036	* *	5	$3,400	
Terrazzo	2%			LIFE	* *	5	$3,500	
Vinyl Tile	20%			2038	* *	3	$8,400	
Vinyl Tile 9" X 9"	55%	0-2	$2,169,600	2028	$10,848,000	3	$23,000	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Throughout								
Wood	10%			2048	* *	5	$21,000	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$7,300	
Concrete Masonry Unit	50%			LIFE	* *	5	$97,900	
Glazed Ceramic Panel	2%			LIFE	* *	10	$4,400	
Plaster	10%			LIFE	* *	5-10	$20,800	
SGFT/Glazed Masonry	35%			LIFE	* *	10	$42,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$134,500	2038	* *	5	$17,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout Corridors And Cafeteria								
AcousTileSusp.Lay-In	3%			2038	* *	5	$3,300	
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$69,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Stairs								
Exposed Struc: Steel	2%			LIFE	* *	10	$4,500	
Metal Panel	10%			LIFE	* *	5	$27,900	
Plaster	10%			LIFE	* *	5-10	$19,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2053	* *			
Iron Picket	95%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$3,300	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Side Walls At Side Exit Door								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$48,700	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$20,900	2031	$104,300			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	45%			2036	* *			
Rubber Matting	55%	Now	$119,700	2043	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	50%	2-4	$89,800	2058	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : On Extended Life								
Molded Case Bkrs	10%			2049	* *	5	$200	
Molded Case Bkrs	25%			2032	$44,900	5	$500	
Wiring								
Braided Cloth	75%	2-4	$149,700	2058	* *	1		
Insulation Damaged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2053	* *	1		
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$68,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$9,200	
Exit, Service	50%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2028	$70,900	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2028	$71,300	1	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Offices, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Detector								
Generic	50%			2038	* *	1	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$46,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detector, Horns, Pull Boxes, Alarm Bell And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$23,500	
Conversion Equipment								
Steam Boiler	100%	0-2	$331,200	2038	* *	1	$67,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking And Plugged Tubes								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler No. 2 Feed Water Control Valve Leaking								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units On Extended Life								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$213,700	2033	$2,137,100	4	$3,700	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Various Locations. Defective Thermostat								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Leaking Steam Traps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2028	$286,000	1	$9,400	
Convector/Radiator	80%			2031	$497,200	1	$19,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	25%	0-2	$3,600	2028	$72,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 5 Percent Is Not Working								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,100	
Exhaust Fans								
Interior	50%			2028	$168,500	2	$1,200	
Roof	50%			2028	$73,700	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$9,700	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main, Basement								
HW Heat Exchanger								
Steam Fired	100%			2033	$367,500	4	$11,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,200	4	$2,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 21 - BX**		
Address	: **715 EAST 225 STREET (NEAR WHITE PLAINS RD.)**		
Borough	: **BRONX**	**Agency's Number**	: **X021**
Program / Asset #	: **BOE0169.000 / 2695**	**Yr Built/Renovated**	: **1915 / 2012**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4839** **Lot** : **39**	**BIN**	: **2063435**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$109,900	$67,600
Interior Architecture	$5,871,800	$1,378,600
Electrical	$176,300	$722,300
Mechanical	$122,200	$656,300
Site Pavements		$54,800
Total	**$6,280,200**	**$2,879,600**
Importance Code A	$175,300	$67,600
Importance Code B	$6,104,900	$2,812,000
Total	**$6,280,200**	**$2,879,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$15,300			
Interior Architecture	$27,800		$8,900	$24,600
Electrical	$12,200	$2,500	$2,700	$25,300
Mechanical	$28,300	$11,700	$19,900	$24,600
Site Pavements	$1,900			
Total	**$85,500**	**$14,200**	**$31,500**	**$74,500**
Importance Code A	$15,300	$7,400	$7,400	$7,600
Importance Code B	$68,300	$6,700	$23,100	$66,900
Importance Code C	$1,900		$1,000	
Total	**$85,500**	**$14,200**	**$31,500**	**$74,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$17,600	
Glass Block	2%	Now	$15,300	LIFE	* *	5	$900	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Exit 4								
Masonry: Brick	90%			LIFE	* *	5	$67,600	
Masonry: Granite	3%			LIFE	* *	5	$1,700	
Masonry: Limestone	2%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%	4+	$50,500	2048	* *	5	$5,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$5,200	
Masonry: Limestone	30%			LIFE	* *	5	$2,800	
Roof								
Copper/Terne	3%			2060	* *	10	$4,600	
Modified Bitumen	97%			2037	* *	10	$59,400	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$17,000	
Ceramic Tile	3%			2041	* *	5	$3,300	
Quarry Tile	5%			2037	* *	5	$8,300	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	45%			2032	$1,378,600	3	$18,700	
Vinyl Tile 9" X 9"	30%			2027	$5,871,800	3	$16,600	
Wood	5%			2047	* *	5	$10,400	
Interior Walls								
Ceramic Tile	2%			2041	* *	5	$1,900	
Marble Panels	3%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$20,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2037	* *	5	$22,200	
Exposed Struc: Concrete	40%			LIFE	* *	5	$6,900	
Metal Panel	5%			LIFE	* *	5	$6,900	
Plaster	35%	4+	$23,600	LIFE	* *	5	$24,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 215 Plaster Damage From Bathroom Above								
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	50%			2052	* *			
Cast in Place Concrete	50%			2076	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 225th Street Areaways								
Explanation : Recent Repair And Replacement								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	25%			2035	* *			
Cast in Place Concrete	53%	Now	$1,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Walkways Off 225th Street								
Cast in Place Concrete	20%			2049	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : 225th Street Walkways								
Explanation : Recent Repairs								
Masonry: Granite	2%			LIFE	* *			
Caulking Deteriorated, Extent : Light, Area Affected : 25%								
Location : Throughout								
Activity Yard								
Asphalt	80%			2041	* *			
Rubber Matting	20%			2032	$54,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	2%			2048	* *	5		
Fused Disc Sw	8%			2031	$14,400	5	$100	
Molded Case Bkrs	85%			2031	$152,700	5	$1,700	
Molded Case Bkrs	5%			2048	* *	5	$100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	$59,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	65%			2032	$129,700	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$107,500	5	$500	
Locally Mounted	10%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$66,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	40%			2027	$50,400	10	$7,200	
Emergency, Battery	10%			2037	* *	10	$1,800	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$14,100	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$23,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7500 Gallons Each.								
Conversion Equipment								
Steam Boiler	100%	0-2	$65,400	2037	* *	1	$66,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Total 7 Tubes Plugged In The Two Boilers. Boiler Is Still Working								
Distribution								
Central Plant Steam Piping/Pmp	100%			2042	* *	4	$3,700	
Terminal Devices								
Air Handler	30%			2032	$423,400	1	$13,900	
Convector/Radiator	70%			2037	* *	1	$17,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2027	$56,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	70%			2032	$232,800	2	$1,600	
Roof	30%			2032	$43,700	2	$700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%	0-2	$7,300	2042	* *	4	$7,400	
Insul. Deteriorating, Extent : Light, Area Affected : 100%								
Location : Hot Water Tank In Basement								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : One Circulating Pump Is Not Working								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	0-2	$15,000	2042	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Sump Pump Is Not Working In The Basement.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,100	
Chemical System								
No Component	80%							
Generic	20%			2030	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 211 - BX**		
Address	: **1919 PROSPECT AVENUE @ELSMERE PL.**		
Borough	: **BRONX**	**Agency's Number**	: **X193**
Program / Asset #	: **BOE0311.000 / 371**	**Yr Built/Renovated**	: **1975 / 2012**
Area Sq Ft	: **175,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2951** **Lot** : **32**	**BIN**	: **2094582**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$307,000	$3,236,800
Interior Architecture	$949,200	$7,650,200
Electrical	$355,200	$1,564,400
Mechanical	$953,300	$2,055,200
Total	**$2,564,700**	**$14,506,600**
Importance Code A	$612,000	$3,288,200
Importance Code B	$1,818,600	$11,218,400
Importance Code C	$134,100	
Total	**$2,564,700**	**$14,506,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$40,200	$15,800
Interior Architecture	$38,800	$34,600	$15,800	
Electrical	$6,400	$6,100	$33,700	$5,600
Mechanical	$55,000	$38,400	$109,700	$38,000
Site Pavements	$18,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$122,600**	**$83,100**	**$203,400**	**$63,400**
Importance Code A		$17,300	$57,900	$33,200
Importance Code B	$70,400	$65,700	$145,400	$30,200
Importance Code C	$52,200			
Total	**$122,600**	**$83,100**	**$203,400**	**$63,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX

Asset # : 371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$167,100	
Metal Panel	3%			2041	* *	5-10	$38,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$18,100	
Window Wall	4%			2051	* *	5	$27,800	
Windows								
Aluminum	98%			2047	* *	5	$31,700	
Metal Louvers	2%			2040	* *	10	$4,000	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$18,200	
Metal Panel	10%			2041	* *	5	$8,300	
Metal Rail	5%			2036	* *	5-10	$19,300	
Roof								
IRMA/Protected Membrane	100%	Now	$307,000	2031	$3,069,800			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Fourth Floor Corridor, Closet In Room 422 And 403 G, 202 Complex								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$36,900	
Ceramic Tile	3%			2034	* *	5	$10,100	
Terrazzo	5%			LIFE	* *	5	$13,200	
Vinyl Tile	82%			2031	$7,650,200	3	$103,800	
Wood	5%			2046	* *	5	$31,700	
Interior Walls								
Ceramic Tile	8%	Now	$26,300	2040	* *	5	$11,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : 1st Floor Boys Toilet Room 128								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,900	
Folding Partition	2%			2039	* *	5	$14,900	
Gypsum Board	5%			LIFE	* *	5	$8,900	
Plaster	50%			LIFE	* *	5	$44,700	
SGFT/Glazed Masonry	25%	4+	$134,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 3rd And 4th Floor Corridor Near Room 402								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX

Asset # : 371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$815,200	2051	* *	5	$42,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Classrooms, Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Corridors, Classrooms, Throughout								
Vandalism, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Throughout								
Exposed Struc: Concrete	60%			LIFE	* *	5	$31,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Waffle Slab								
Gypsum Board	3%			LIFE	* *	5	$12,700	
Metal Panel	2%			LIFE	* *	5	$8,400	
Plaster	10%			LIFE	* *	5	$21,100	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2051	* *			
Iron Picket	80%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$18,500	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Prospect Avenue								
Activity Yard								
Cast in Place Concrete	90%			2044	* *			
Rubber Matting	10%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 3,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$260,100	5	$600	
Fused Disc Sw	20%			2051	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX

Asset # : 371

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2031	$303,400	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	3%			2047	* *	5	$100	
Fused Disc Sw	7%			2030	$23,800	5	$300	
Molded Case Bkrs	75%			2030	$254,500	5	$3,500	
Molded Case Bkrs	15%			2047	* *	5	$700	
Wiring								
Thermoplastic	90%			2031	$404,300	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	30%			2044	* *	5	$400	
Locally Mounted	40%			2029	$72,600	5	$500	
Motor Control Center	30%			2029	$218,100	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$157,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	45%			2026	$132,200	10	$19,000	
Emergency, Battery	5%			2036	* *	10	$2,100	
Exit, Service	10%			2026	$7,500	1		
Exit, Service	40%			2036	* *	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$65,700	1	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm Only With Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$33,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors, Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX

Asset # : 371

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2051	* *	5	$54,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$305,100	2044	* *	1	$156,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units. No. 3 Boiler Needs To Be Retubed.								
Distribution								
Steam Piping/Pump	100%	Now	$70,100	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 3%								
Location : 1st Floor Boys Bathroom And Electrical Room								
Explanation : Steam Piping Leaking Into 1st Floor Boys Bathroom And At Electrical Room								
Terminal Devices								
Air Handler	30%	0-2	$98,800	2031	$988,000	1	$29,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Various								
Explanation : 5 Units Out Of 15 Are Malfunctioning Due To Mechanical And Electrical Defects								
Convector/Radiator	70%			2036	* *	1	$39,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2031	$258,200	1	$8,100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Penthouse								
Window/Wall Unit	60%			2026	$397,800	1		
No Component	30%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2041	* *	4	$1,300	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2031	$237,700	1	$10,800	
No Component	90%							
Heat Rejection								
Dry Cooler	10%			2031	$56,200	2	$12,200	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX

Asset # : 371

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%	Now	$7,800	2031	$155,200	2	$900	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Penthouse, 2 Malfunctioning Motors For The Two Supply Fans								
Roof	80%	Now	$27,200	2031	$271,700	2	$3,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Roof: 5 Exhaust Fans Malfunctioning Due To Mechanical And Electrical Defects								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2036	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2029	$88,300	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$5,500	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$10,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$88,200	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,400	
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 212 - BK**		
Address	: **87 BAY 49 STREET BTWN: HARWAY AVE., CROPSEY AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K212**
Program / Asset #	: **BOE0507.000 / 1289**	**Yr Built/Renovated**	: **1925 / 2010**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **6917** **Lot** : **1**	**BIN**	: **3187407**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$83,400	$68,100
Interior Architecture	$615,100	$1,449,100
Electrical	$743,600	$372,600
Mechanical	$810,800	$2,510,800
Total	**$2,252,900**	**$4,400,600**
Importance Code A	$83,400	$68,100
Importance Code B	$2,169,600	$3,918,700
Importance Code C		$413,800
Total	**$2,252,900**	**$4,400,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$22,700		
Interior Architecture	$52,300	$400	$4,300	$3,600
Electrical	$47,600	$59,000	$3,000	$1,900
Mechanical	$45,100	$39,600	$18,100	$10,600
Total	**$144,900**	**$121,800**	**$25,400**	**$16,100**
Importance Code A	$52,900	$30,400	$7,600	$7,600
Importance Code B	$92,000	$91,500	$17,800	$8,500
Importance Code C				
Total	**$144,900**	**$121,800**	**$25,400**	**$16,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$83,400	LIFE	* *	5	$40,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	65%			LIFE	* *	5	$68,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Not Accessible	30%							
Windows								
Aluminum	80%			2055	* *	5	$29,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Under Construction	20%							
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$9,900	
Metal Rail	10%			2050	* *	5-10	$21,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	5%			2043	* *	10	$4,100	
Modified Bitumen	95%			2040	* *	10	$42,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Not Accessible	100%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%	Now	$9,700	2033	$193,800	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Marble Panels	2%			LIFE	* *	5	$1,700	
Quarry Tile	5%			2043	* *	5	$8,600	
Sheet Vinyl/Rubber	2%	Now	$3,000	2040	* *	5	$1,700	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Room 213								
Vinyl Tile	25%	Now	$39,600	2030	$791,400	3	$10,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	30%			2035	* *	3	$12,900	
Vinyl Tile	3%			2040	* *	3	$1,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Wood	30%	Now	$615,100	2045	* *	5	$32,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : Classrooms Throughout								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2033	$413,800	5	$7,500	
Gypsum Board	5%			LIFE	* *	5	$4,500	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$25,700	
Plaster	3%			LIFE	* *	5	$1,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Library								
Ceilings								
AcousTileSusp.Lay-In	5%			2043	* *	5	$5,700	
Exposed Struc: Concrete	25%			LIFE	* *	5	$4,500	
Plaster	67%			LIFE	* *	5	$48,000	
Plaster	3%			LIFE	* *	5	$2,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Library								
Site Enclosure								
Fence/Gates								
Iron Picket	20%			2050	* *			
Not Accessible	80%							
Free Standing Walls								
Not Accessible	100%							
Retaining Walls								
Not Accessible	100%							
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Not Accessible	100%							
Activity Yard								
Not Accessible	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	4+	$45,300	2060	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Ampere Main Disconnect Switch. The Equipment Is Obsolete.								
Switchgear / Switchboard								
Fused Disc Sw	100%	4+	$195,100	2060	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Equipment Is Obsolete.								
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	7%			2029	$12,600	5	$100	
Fused Disc Sw	3%			2046	* *	5	$100	
Molded Case Bkrs	35%			2029	$62,900	5	$700	
Molded Case Bkrs	55%			2046	* *	5	$1,100	
Wiring								
Braided Cloth	80%	2-4	$159,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2043	* *	5	$400	
Locally Mounted	30%			2028	$35,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	40%			2035	* *	10	$28,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps Type Fixtures.								
Fluorescent	30%	2-4	$68,900	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : T-12 Lamps Fixtures Are Obsolete.								
Incandescent	30%	4+	$320,000	2040	* *	2	$400	
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : First Floor Cafeteria And Auditorium								
Egress Lighting								
Emergency, Service	50%			2030	$23,700	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	40%			2030	$143,700	10	$100	
No Component	60%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$28,900	1	$5,800	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2035	* *	1-3	$14,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2050	* *	5	$23,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7,500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$76,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2030	$616,600			
Terminal Devices								
Air Handler	20%			2030	$289,800	1	$9,500	
Convector/Radiator	60%			2028	$377,800	1	$14,900	
Fan Coil Unit/Heat	20%			2025	$381,800	1	$5,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%			2028	$243,600	2	$900	
Split Unit	10%			2035	* *			
Window/Wall Unit	30%			2025	$87,500	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	100%	Now	$34,200	2025	$341,500	2	$1,900	
Broken, Extent : Severe, Area Affected : 50%								
Location : Wall Exhausters In Rooms 555, 455, 355, 255 And 155.								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Bathroom Exhaust In Basement.								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$983,000	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Gallon Capacity Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,400	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 212 - Q**		
Address	: **34-25 82ND STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q212**
Program / Asset #	: **BOE1014.000 / 13407**	**Yr Built/Renovated**	: **2000 /**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1443** **Lot** : **19**	**BIN**	: **4437128**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$259,300	$127,500
Electrical		$1,298,800
Mechanical	$81,600	$2,083,300
Total	**$340,900**	**$3,509,600**
Importance Code A	$259,300	$127,500
Importance Code B	$81,600	$3,382,100
Total	**$340,900**	**$3,509,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$15,000		$39,400
Interior Architecture		$61,300	$9,200	
Electrical	$7,000	$19,200	$7,300	$7,500
Mechanical	$109,200	$33,700	$48,900	$46,600
Site Enclosure	$5,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$129,200**	**$137,100**	**$73,200**	**$101,500**
Importance Code A	$7,800	$22,800	$7,800	$47,400
Importance Code B	$116,200	$114,300	$65,400	$54,000
Importance Code C	$5,200			
Total	**$129,200**	**$137,100**	**$73,200**	**$101,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$127,500	
Granite Panels	5%			LIFE	* *	5	$5,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$48,700	
Windows								
Aluminum	97%			2048	* *	5	$16,800	
Metal Louvers	3%			2041	* *	10	$3,200	
Parapets								
Masonry: Brick	75%	0-2	$259,300	LIFE	* *	5	$10,200	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Parapet Wall Flashings At Coping								
Metal Panel	5%			2052	* *	5	$2,600	
Metal Rail	10%			2045	* *	5-10	$24,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,600	
Roof								
Built-Up (BUR)	95%			2037	* *	10	$38,100	
Copper/Terne	5%			2060	* *	10	$5,000	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$37,000	
Ceramic Tile	5%			2041	* *	5	$5,600	
Raised Access Floor	3%			2041	* *	5	$12,700	
Vinyl Tile	67%			2037	* *	3	$28,300	
Wood	10%			2060	* *	5	$21,100	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	37%			LIFE	* *	5	$40,300	
Glass: Single Pane	3%			LIFE	* *	5	$6,100	
Gypsum Board	25%			LIFE	* *	5	$40,900	
Masonry: Brick	10%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2045	* *	5	$19,700	
AcousTileSusp.Lay-In	60%			2045	* *	5	$63,000	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$13,100	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	0-2	$5,200	2076	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Front Iron Fence								
Retaining Walls								
Cast in Place Concrete	100%			2076	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	60%			2041	* *			
Pavers/Stone	40%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2042	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 5,000 Ampere Main Disconnect Switch								
Fused Disc Sw	60%			2042	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Ampere, One 1600 Ampere And One 1200 Ampere Main Disconnect Swicth								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$300	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	90%			2037	* *	5	$500	
Variable Frequency Drive	10%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$24,300	
Generators								
Diesel	100%			2035	* *	1	$30,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 350 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$17,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2047	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$1,130,500	10	$69,600	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2032	$23,600	10	$1,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2032	$18,700	10	$100	
Egress Lighting								
Emergency, Service	60%			2032	$29,200	1		
Exit, LED	40%			2047	* *	1		
Exterior Lighting								
HID	20%			2032	$73,700	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	$29,700	1	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Cameras Security System								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2032	$40,800	1-3	$9,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 1 Tank 5000 Gallon								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Two Boilers And Two Heat Exchangers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	30%	Now	$2,600	2040	* *	4	$1,200	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Sub-basement								
Explanation : Pumps 10 And 7 Are Not Working								
Central Plant Steam Piping/Pmp	70%			2052	* *	4	$4,100	
Terminal Devices								
Air Handler	20%			2032	$297,300	1	$9,800	
Convector/Radiator	60%			2045	* *	1	$15,300	
Fan Coil Unit/Heat	20%			2032	$391,700	1	$5,100	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	$1,165,500	1	$36,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units In Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%	0-2	$2,600	2052	* *	4	$3,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$30,700	2037	* *	1	$44,000	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Teacher And Computer Room								
Heat Rejection								
Air Cooled Condenser Unit	100%			2032	$228,700	2	$55,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,100	
Exhaust Fans								
Interior	80%	Now	$28,000	2037	* *	2	$1,500	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : The Penthouse								
Explanation : Pumps 7 And 8 Malfunctioning								
Roof	20%			2032	$30,700	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$4,700	
Backflow Preventer								
Generic	100%			2037	* *	1	$4,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$39,800	
Sprinkler								
Generic	100%			2052	* *	1-2	$22,100	
Fire Pump								
Generic	100%			2035	* *	1	$14,800	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 213 - BK**		
Address	: **580 HEGEMAN AVE. BTWN: NEW JERSEY AVE., VERMONT**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K213**
Program / Asset #	: **BOE0508.000 / 2569**	**Yr Built/Renovated**	: **1939 / 2010**
Area Sq Ft	: **72,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4324** **Lot** : **1**	**BIN**	: **3097334**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$59,800	$142,500
Interior Architecture	$4,542,200	$2,350,500
Electrical	$660,200	$555,400
Mechanical	$875,500	$2,993,300
Total	**$6,137,700**	**$6,041,700**
Importance Code A	$59,800	$770,100
Importance Code B	$6,010,600	$4,785,900
Importance Code C	$67,300	$485,700
Total	**$6,137,700**	**$6,041,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$3,000	
Interior Architecture	$181,000			$11,500
Electrical	$44,000	$12,700	$11,500	$11,200
Mechanical	$63,500	$65,900	$15,600	$10,400
Site Enclosure	$29,000			
Site Pavements	$16,800			
Total	**$334,300**	**$78,600**	**$30,100**	**$33,100**
Importance Code A	$7,100	$7,300	$10,100	$7,100
Importance Code B	$240,700	$71,300	$19,900	$26,000
Importance Code C	$86,500			
Total	**$334,300**	**$78,600**	**$30,100**	**$33,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$142,500	
Masonry: Limestone	5%			LIFE	* *	5	$5,900	
Granite Panels	5%			LIFE	* *	5	$5,900	
Windows								
Aluminum	100%			2046	* *	5	$6,000	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$300	
Masonry: Limestone	8%			LIFE	* *	5		
Metal Rail	20%			2043	* *	5-10	$1,400	
Metal Security Bars	2%			2045	* *			
Roof								
Built-Up (BUR)	95%			2035	* *	10	$59,800	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2043	* *	10	$5,800	
Soffits								
Stucco Cement	100%			2043	* *	5	$7,900	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$20,900	LIFE	* *	5	$26,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	5%	Now	$17,300	2039	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%	0-2	$11,500	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	55%	0-2	$37,300	2030	$1,864,800	3	$25,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms Throughout								
Vinyl Tile 9" X 9"	20%	4+	$86,600	2025	$4,332,300	3	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors Throughout								
Wood	5%	Now	$36,600	2045	* *	5	$5,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : 3rd Floor Classrooms Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$24,300	2033	$485,700	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%	Now	$33,200	LIFE	* *	5	$7,100	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair And Basement								
Glass: Single Pane	5%			LIFE	* *	5	$6,600	
Masonry: Brick	10%	Now	$67,300	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Plaster	50%			LIFE	* *	5	$26,500	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2043	* *	5	$24,500	
Exposed Struc: Concrete	45%			LIFE	* *	5	$8,600	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	30%	Now	$56,000	LIFE	* *	5	$23,000	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Kindergarten, Exit 3 And At Exit 1								
Site Enclosure								
Fence/Gates								
Chain Link	65%	Now	$18,300	2050	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : At Dumpsters								
Iron Picket	35%	0-2	$10,700	2065	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$16,800	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	85%			2039	* *			
Rubber Matting	15%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches. One 100 Ampere Disconnect Switch For Emergency Lighting								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$195,100	2060	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	30%			2046	* *	5	$600	
Molded Case Bkrs	60%			2029	$107,800	5	$1,100	
Wiring								
Braided Cloth	80%	2-4	$159,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Water Main								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%	Now	$1,300	2047	* *	1	$19,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : All Status Indicator Lamps Are Dark								
Generators								
Diesel	8%	0-2	$11,100	2033	$11,100	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room In Basement								
Explanation : One 11.5 Kilowatt Remote Annunciator Shows Battery Charger Malfunction								
Diesel	92%			2033	$127,600	1	$25,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Generator Room								
Explanation : Original Battery Charger Not In Service External Trickle Battery Charger Added.								
Fuel Storage								
Main Tank	100%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$59,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	6%			2025	$119,700	2	$100	
LED	4%	Now	$8,000	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Explanation : LED Modules Have Failed In Multple Fixtures.								
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Not Functioning, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Building								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Building								
Explanation : Replacement Batteries Required								
Exit, Service	40%			2038	* *	1		
Exterior Lighting								
HID	90%			2038	* *	10	$200	
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet At Entrance								
Explanation : Fixtures On During Daylight								
Alarm								
Security System								
No Component	20%							
Generic	80%			2038	* *	1	$21,500	
Fire/Smoke Detection								
Generic, Analog	100%			2025	$185,700	1-3	$44,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$167,400	5	$22,300	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Buried 15,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2028	$627,600	1	$71,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$28,800	2030	$576,600			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Vacuum Pump								
Terminal Devices								
Air Handler	20%			2025	$271,000	1	$8,900	
Convector/Radiator	60%			2028	$353,300	1	$14,000	
Fan Coil Unit/Heat	20%			2025	$357,000	1	$4,700	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	10%			2025	$27,300	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,100	
Exhaust Fans								
Interior	60%			2025	$191,600	2	$1,300	
Roof	40%			2025	$55,900	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2030	$184,900	1		
Galvanized Steel	80%	0-2	$14,700	2028	$735,300	1		
Corroded, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%	Now	$7,000	2030	$348,200	4	$7,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,200	4	$2,300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Book Storage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 213 - BK MINISCHOOL**				
Address	: **580 HEGEMAN AVENUE BTWN: NEW JERSEY AVE., VERMONT**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K893**
Program / Asset #	: **BOE0508.010 / 1290**			**Yr Built/Renovated**	: **1968 /**
Area Sq Ft	: **10,620**			**Project Type**	: **EDUCATION**
Date of Survey	: **06-Mar-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **4324**	**Lot**	: **1**	**BIN**	: **3097334**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$83,200
Interior Architecture	$2,568,200	
Electrical		$71,700
Mechanical		$256,500
Total	**$2,568,200**	**$411,400**
Importance Code A		$83,200
Importance Code B	$2,568,200	$328,200
Total	**$2,568,200**	**$411,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,200	$37,700	$1,200	
Interior Architecture	$9,500	$9,500		$100
Electrical	$21,200	$28,700	$900	$900
Mechanical	$500	$48,500	$4,200	$600
Site Pavements	$7,100			
Total	**$65,500**	**$124,400**	**$6,300**	**$1,600**
Importance Code A	$27,700	$38,300	$1,700	$500
Importance Code B	$37,800	$86,100	$4,600	$1,100
Importance Code C				
Total	**$65,500**	**$124,400**	**$6,300**	**$1,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 213 - BK MINISCHOOL
Asset # : 1290

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2050	* *	5-10	$114,400	
Windows								
Aluminum	95%			2046	* *	5	$2,400	
Metal Louvers	5%	Now	$4,200	2045	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Outside Boiler Room								
Roof								
Metal, Corrugated	13%	4+	$22,900	2043	* *	1		
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal, Corrugated	87%			2043	* *	1		
Soffits								
Metal Panel	100%			2050	* *	5-10	$23,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,800	
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Mechanical Room								
Ceramic Tile	5%	Now	$900	2039	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Entrances And Toilets Throughout								
Vinyl Tile 9" X 9"	6%	Now	$8,600	2025	$171,200	3	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Classrooms And Corridors								
Vinyl Tile 9" X 9"	84%			2025	$2,397,000	3	$5,100	
Interior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	$1,700	
Metal Panel	70%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2050	* *	5	$15,600	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Corridor								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$7,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 213 - BK MINISCHOOL
Asset # : 1290

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : Two 200 Ampere Main Circuit Breakers								
Raceway								
Conduit	80%			2030	$20,600	1		
Conduit	20%			2060	* *	1		
Panelboards								
Molded Case Bkrs	10%			2055	* *	5		
Molded Case Bkrs	90%			2055	* *	5	$300	
Wiring								
Thermoplastic	90%			2060	* *	1		
Thermoplastic	10%			2030	$2,900	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$200	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Water Service Room								
Lighting								
Interior Lighting								
Fluorescent	100%			2040	* *	10	$9,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$1,300	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	100%	Now	$9,900	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Exterior Walls At Entrances								
Alarm								
Security System								
No Component	20%							
Generic	80%			2038	* *	1	$3,200	
Fire/Smoke Detection								
Generic, Analog	100%			2025	$27,400	1-3	$6,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 213 - BK MINISCHOOL
Asset # : 1290

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2030	$33,600	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Gas Furnace Units								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	100%			2030	$256,500			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$14,100	
Heat Rejection								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,200	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Covered Under Air Conditioning Section								
Exhaust Fans								
Interior	100%			2025	$47,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Janitors Closet								
Explanation : About 60 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 213 - Q**		
Address	: **231-02 67 AVENUE BTWN: 231 ST., 232 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q213**
Program / Asset #	: **BOE0851.000 / 166**	**Yr Built/Renovated**	: **1955 / 2014**
Area Sq Ft	: **73,410**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7677** **Lot** : **1**	**BIN**	: **4163698**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$77,400	$68,900
Interior Architecture	$1,577,900	$86,900
Electrical	$302,400	$530,800
Mechanical	$1,157,400	$1,162,000
Total	**$3,115,100**	**$1,848,700**
Importance Code A	$461,300	$68,900
Importance Code B	$2,653,800	$1,779,800
Total	**$3,115,100**	**$1,848,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,200	$6,300	$10,700	
Interior Architecture	$5,300	$29,000	$49,000	
Electrical	$20,800	$44,100	$2,200	$2,100
Mechanical	$37,800	$37,200	$19,300	$10,400
Site Enclosure	$5,300			
Site Pavements	$6,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$81,500**	**$120,600**	**$85,100**	**$16,400**
Importance Code A	$2,200	$13,700	$17,900	$7,300
Importance Code B	$75,600	$106,900	$67,200	$9,100
Importance Code C	$3,700			
Total	**$81,500**	**$120,600**	**$85,100**	**$16,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$7,300	
Masonry: Brick Cavity	95%			LIFE	* *	5	$68,900	
Window Wall	3%			2050	* *	5	$8,200	
Windows								
Aluminum	100%			2046	* *	5	$21,400	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$16,700	
Metal Rail	15%			2043	* *	5-10	$56,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,600	
Roof								
Copper/Terne	2%			2058	* *	10	$5,500	
IRMA/Protected Membrane	2%			2035	* *	10	$2,200	
Modified Bitumen	70%			2035	* *	10	$77,400	
Skylight, Metal/Glass	1%			2040	* *	10	$3,700	
No Component	25%							
Soffits								
Cast in Place Concrete	100%	4+	$2,200	LIFE	* *	5	$3,800	
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Front Of Building								
Interior								
Floors								
Carpet	2%			2026	$39,500	3	$3,400	
Cast in Place Concrete	10%			LIFE	* *	5	$24,400	
Ceramic Tile	3%			2039	* *	5	$3,400	
Mosaic Tile	2%			2043	* *	5	$5,600	
Terrazzo	5%			LIFE	* *	5	$4,400	
Vinyl Tile	60%			2035	* *	3	$25,100	
Vinyl Tile 9" X 9"	8%			2025	$1,577,900	3	$3,400	
Wood	10%			2045	* *	5	$21,000	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$7,300	
Concrete Masonry Unit	15%			LIFE	* *	5	$14,700	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$40,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2035	* *	5	$34,800	
Exposed Struc: Concrete	50%			LIFE	* *	5	$8,700	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	$86,900			
Plaster	15%			LIFE	* *	5	$10,500	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$5,300	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Side Yard Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	90%			2039	* *			
Cast in Place Concrete	10%			2043	* *			
Activity Yard								
Asphalt	98%	2-4	$6,100	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	2%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Toggle Switch	2%	2-4	$3,600	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	8%			2046	* *	5	$200	
Molded Case Bkrs	85%			2029	$152,700	5	$1,600	
Wiring								
Braided Cloth	90%	2-4	$179,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2028	$83,600	5	$300	
Locally Mounted	20%	2-4	$14,300	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	10%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$66,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$61,600	10	$8,900	
Exit, Service	50%			2030	$15,800	1		
Exterior Lighting								
HID	30%			2030	$102,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$41,300	1	$8,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$56,800	1-3	$13,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2030	$168,400	5	$22,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	2-4	$383,900	2050	* *	1	$65,400	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Broken, Extent : Moderate, Area Affected : 2%								
Location : Motor Of Damper Of No.2 Boiler								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Both Boilers, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$11,800	2030	$587,900			
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Areas								
Terminal Devices								
Air Handler	10%	0-2	$2,800	2025	$138,100	1	$4,100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Flexible Connection, Fan Room								
Convector/Radiator	70%			2035	* *	1	$16,600	
Fan Coil Unit/Heat	5%	0-2	$1,800	2025	$91,000	1	$1,100	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Motor Of The Unit In Room No.303, 325								
Fan Coil Unit/Heat	15%			2025	$273,000	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2025	$55,600	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,900	
Exhaust Fans								
Interior	40%			2025	$130,200	2	$900	
Roof	60%			2025	$85,500	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$355,000	4	$7,300	
Sanitary Piping								
Cast Iron	100%	0-2	$18,500	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : West Side Of 1st Floor								
Explanation : Water Backs Up								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$14,700	4	$2,300	
Sewage Ejector(s)								
Electric	100%	0-2	$800	2030	$38,400	4	$2,900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 1 Out Of 2 Motors Is Burnt Out, Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$50,800	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 214 - BK**		
Address	: **2944 PITKIN AVE. BTWN: FORBELL ST., DREW ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K214**
Program / Asset #	: **BOE0509.000 / 2572**	**Yr Built/Renovated**	: **1925 / 2014**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **4243** **Lot** : **1**	**BIN**	: **3095254**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$986,200
Interior Architecture	$1,417,300	$412,700
Electrical	$1,379,800	$907,000
Mechanical	$1,155,800	$491,000
Site Pavements		$119,700
Total	**$3,952,800**	**$2,916,600**
Importance Code A		$986,200
Importance Code B	$3,781,000	$1,810,700
Importance Code C	$171,800	$119,700
Total	**$3,952,800**	**$2,916,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,700	$18,800		
Interior Architecture	$182,000			$11,500
Electrical	$1,400	$102,900	$3,300	$4,000
Mechanical	$54,800	$27,600	$17,800	$10,500
Site Pavements	$6,000			
Total	**$266,000**	**$149,300**	**$21,200**	**$26,100**
Importance Code A	$29,300	$26,600	$7,600	$7,600
Importance Code B	$184,900	$122,700	$13,500	$18,400
Importance Code C	$51,700			
Total	**$266,000**	**$149,300**	**$21,200**	**$26,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$23,800	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$61,900	
Masonry: Brick	80%			LIFE	* *	5	$126,700	
Masonry: Limestone	5%			LIFE	* *	5	$5,900	
Masonry: Marble	2%			LIFE	* *	5	$2,400	
Metal Panel	5%			2050	* *	5-10	$54,400	
Windows								
Aluminum	85%			2038	* *	5	$5,100	
Wood	15%	Now	$21,700	2055	* *	5	$4,500	
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Stairs And Gymnasium Storage In Basement								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs And Gymnasium Storage								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$300	
Pre-Cast Concrete	10%			LIFE	* *	5	$200	
Roof								
Built-Up (BUR)	100%			2030	$734,700	10	$63,000	
Soffits								
Stucco Cement	100%			2035	* *	5	$7,900	
Interior								
Floors								
Cast in Place Concrete	10%	4+	$20,900	LIFE	* *	5	$26,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$34,600	2033	$346,000	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 3rd Thru 5th Floor Toilets								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : 3rd Thru 5th Floor Toilets								
Marble Panels	2%			LIFE	* *	5	$1,800	
Vinyl Tile	70%	2-4	$47,500	2035	* *	3	$32,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$21,700	2025	$1,083,100	3	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stairwell At Roof Level								
Wood	8%	4+	$11,700	2058	* *	5	$9,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Three Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$14,600	2039	* *	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 3rd Thru 5th Floor Toilets								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%	4+	$31,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium Lobby								
Plaster	80%	4+	$171,800	LIFE	* *	5	$42,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,900	
Metal Panel	3%			LIFE	* *	5	$4,600	
Plaster	87%	2-4	$162,400	LIFE	* *	5	$66,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	45%			2050	* *			
Iron Picket	55%			2065	* *			
Retaining Walls								
Cast in Place Concrete	50%			2050	* *			
Masonry: Brick	50%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Pavers/Stone	10%	Now	$6,000	2033	$119,700			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Entry Porch								
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$31,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	15%			2046	* *	5	$300	
Molded Case Bkrs	75%			2029	$134,700	5	$1,500	
Wiring								
Braided Cloth	85%	2-4	$169,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2043	* *	5	$100	
Locally Mounted	80%			2028	$95,500	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	70%			2025	$803,500	10	$49,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Type Fixtures								
Fluorescent	25%			2030	$287,000	10	$17,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2025	$21,300	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Chandelier Type Decorative Fixtures.								
LED	4%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Lighting Fixtures Installed In 2017.								

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DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2030	$64,600	10	$9,300	
Exit, Service	25%			2030	$8,300	1		
Exit, Battery	25%			2025	$27,300	10	$1,300	
Exterior Lighting								
HID	20%			2040	* *	10		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
HID	40%			2025	$143,700	10	$100	
HID	40%	Now	$143,700	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Lighting Fixtures Are Not Operational								
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors In The Hallways								
Fire/Smoke Detection								
No Component	40%							
Generic, Analog	60%	0-2	$119,200	2040	* *	1-3	$25,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Fire Alarm System With Frequent Failures.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$76,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,300	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Vacuum Pump								

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DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%	Now	$4,300	2025	$217,400	1	$6,400	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Steam Coil Leak In Basement Unit Serving Auditorium								
Convector/Radiator	55%			2028	$346,300	1	$13,700	
Fan Coil Unit/Heat	30%			2025	$572,700	1	$7,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$91,400			
Window/Wall Unit	20%	Now	$2,900	2025	$58,300	1		
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Rooms 409, 414, 510, 512, And 513								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	75%	Now	$51,200	2025	$256,100	2	$1,400	
Not in Service, Extent : Moderate, Area Affected : 75%								
Location : Units Not Operated For 10 Years In Basement								
Roof	25%			2030	$37,400	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$19,800	2040	* *	1		
Broken, Extent : Severe, Area Affected : 20%								
Location : Valves Located In Basement And Crawl Spaces								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement And Crawl Space								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Water Backs Up When It Rains								
Sump Pump(s)								
Non-Submersible	100%			2030	$15,400	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : All Bathrooms								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$53,200	1-2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Storage Rooms								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 214 - Q**		
Address	: **31-15 140 STREET BTWN: 31 DR., 31 RD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q214**
Program / Asset #	: **BOE0852.000 / 1481**	**Yr Built/Renovated**	: **1954 / 2011**
Area Sq Ft	: **60,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Sep-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4413** **Lot** : **20**	**BIN**	: **4100846**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$94,600
Interior Architecture	$161,800	$7,979,100
Electrical	$307,400	$194,700
Mechanical	$282,300	$1,763,500
Total	**$751,500**	**$10,032,000**
Importance Code A		$617,600
Importance Code B	$751,500	$9,414,400
Total	**$751,500**	**$10,032,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$6,100	$4,800	
Interior Architecture	$12,100	$11,300	$2,300	$7,900
Electrical	$54,400	$42,400	$1,600	$1,600
Mechanical	$21,100	$59,600	$20,600	$9,000
Site Enclosure	$20,000			
Site Pavements	$49,600			
Total	**$157,100**	**$119,500**	**$29,300**	**$18,500**
Importance Code A	$5,900	$12,100	$10,900	$5,900
Importance Code B	$127,000	$107,400	$18,400	$12,600
Importance Code C	$24,200			
Total	**$157,100**	**$119,500**	**$29,300**	**$18,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	97%			LIFE	* *	5	$94,600	
Masonry: Limestone	3%			LIFE	* *	5	$2,200	
Windows								
Aluminum	95%			2046	* *	5	$9,700	
Glass Block	5%			LIFE	* *	5	$300	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$21,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Roof								
Copper/Terne	5%			2065	* *	10	$6,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Stair Bulkhead								
Modified Bitumen	95%			2038	* *	10	$46,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$29,700	
Ceramic Tile	5%			2039	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$3,500	
Vinyl Tile	20%			2035	* *	3	$6,800	
Vinyl Tile 9" X 9"	50%			2030	$7,979,100	3	$22,600	
Wood	5%	Now	$161,800	2070	* *	5	$4,200	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Uneven Surface, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$3,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	10%	Now	$4,200	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads 2/3								
Plaster	45%			LIFE	* *	5	$11,600	
SGFT/Glazed Masonry	15%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$22,600	
AcousTile,Adhered	5%			2047	* *	5	$4,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Exposed Struc: Concrete	65%			LIFE	* *	5	$9,200	
Plaster	5%			LIFE	* *	5	$2,800	
Site Enclosure								
Fence/Gates								
Chain Link	90%	4+	$20,000	2050	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 31st Road								
Iron Picket	10%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$3,100	2043	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Near Tree On 140th Street								
On-Site Walkways								
Asphalt	10%			2033				
Other Observation, Extent : Light, Area Affected : 100%								
Location : 31st Road								
Explanation : Dumpster Area								
Cast in Place Concrete	60%			2043	* *			
Cast in Place Concrete	30%			2035	* *			
Activity Yard								
Rubber Matting	100%	Now	$46,500	2040	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Play Area Off 31st Drive								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Play Area Off 31st Drive								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Play Area Off 31st Drive								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Rear Play Area Off 31st Drive								
Explanation : Vegetation Growth								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	95%			2030	$137,400	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2052	* *	5	$100	
Fused Knife Sw	10%	2-4	$14,000	2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room - Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	60%	2-4	$83,800	2055	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2029	$27,900	5	$300	
Molded Case Bkrs	5%			2052	* *	5	$100	
Wiring								
Braided Cloth	85%	2-4	$169,700	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2030	$20,000	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$57,300	5	$300	
Locally Mounted	20%	2-4	$8,600	2050	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room - Basement								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$52,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2035	* *	10	$1,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
HID	2%			2035	* *	10		
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$7,200	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$33,800	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$31,000	2040	* *	1-3	$6,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$139,500	5	$18,600	
Conversion Equipment								
Steam Boiler	100%			2028	$523,000	1	$59,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2030	$480,500			
Terminal Devices								
Air Handler	25%	0-2	$5,600	2025	$282,300	1	$8,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil For Auditorium, Basement Fan Room								
Convector/Radiator	75%			2035	* *	1	$14,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	30%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium And Cafeteria.								
Explanation : 14 Units, R-410a Refrigerant								
Window/Wall Unit	40%			2029	$90,900	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2038	* *	1	$5,800	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2038	* *	2	$12,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,500	
Exhaust Fans								
Interior	90%			2030	$239,500	2	$1,700	
Roof	10%			2025	$11,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2030	$290,100	4	$5,900	
Sanitary Piping								
Cast Iron	30%	0-2	$4,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up At Auditorium Restroom When It Rains.								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$12,000	4	$1,900	
Sewage Ejector(s)								
Electric	100%			2030	$31,400	4	$2,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$24,900	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214 - Q
Asset # : 1481

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 214/I. S. 200 - BX (I. S. 167 - BX)**		
Address	: **1970 WEST FARMS ROAD @E. TREMONT AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X167**
Program / Asset #	: **BOE0301.000 / 1098**	**Yr Built/Renovated**	: **1973 / 2007**
Area Sq Ft	: **173,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3021** **Lot** : **38**	**BIN**	: **2094603**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,720,700	$448,300
Interior Architecture	$837,000	$59,100
Electrical	$289,900	$1,705,300
Mechanical	$2,377,100	$2,820,500
Total	**$5,224,700**	**$5,033,100**
Importance Code A	$1,720,700	$499,700
Importance Code B	$3,503,900	$4,533,500
Total	**$5,224,700**	**$5,033,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$55,300			$8,100
Interior Architecture	$150,900		$3,400	$21,900
Electrical	$14,700	$13,000	$99,200	$14,400
Mechanical	$105,600	$42,500	$78,700	$41,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$334,500**	**$63,400**	**$189,200**	**$93,300**
Importance Code A	$70,300	$15,000	$15,400	$23,100
Importance Code B	$261,300	$48,400	$173,800	$70,200
Importance Code C	$2,900			
Total	**$334,500**	**$63,400**	**$189,200**	**$93,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%	0-2	$546,000	LIFE	* *	5	$228,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	65%	Now	$1,059,700	LIFE	* *	5	$61,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 354								
Metal Panel	5%	Now	$25,200	2041	* *	5	$14,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Penthouse								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Penthouse								
Windows								
Aluminum	95%			2047	* *	5	$16,200	
Metal Louvers	5%			2034	* *	10	$5,300	
Parapets								
Cast in Place Concrete	95%			LIFE	* *	5	$158,400	
Metal Rail	5%			2044	* *	5-10	$14,600	
Roof								
Built-Up (BUR)	95%			2036	* *	10	$115,000	
Copper/Terne	5%	Now	$15,900	2059	* *			
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Stair G Bulkhead								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$59,100	
Ceramic Tile	3%	0-2	$9,100	2034	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%	0-2	$19,900	2044	* *	5	$10,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	2%	Now	$25,200	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	65%	Now	$96,900	2036	* *	3	$65,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%			2041	* *	3	$10,100	
Wood	5%	0-2	$40,300	2046	* *	5	$12,700	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$5,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,700	
Glass: Single Pane	3%			LIFE	* *	5	$4,300	
Metal Panel	7%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$29,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 362								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$173,800	2044	* *	5	$27,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Corridors, Cafeteria								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Corridors, Cafeteria								
Staining/Discoloring, Extent : Severe, Area Affected : 15%								
Location : Cafeteria								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Corridors, Cafeteria								
AcousTileConcealSpLn	3%			2044	* *	5	$10,100	
AcousTileSusp.Lay-In	5%	Now	$44,900	2036	* *	5	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exposed Struc: Concrete	70%	Now	$566,300	LIFE	* *	5	$29,500	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%	Now	$3,600	LIFE	* *	5	$6,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			
Activity Yard								
Asphalt	98%			2034	* *			
Rubber Matting	2%			2036	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches. No Available Nameplate Rating Capacity.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$325,100	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Raceway								
Conduit	90%			2031	$303,400	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Fused Disc Sw	5%			2047	* *	5	$200	
Molded Case Bkrs	80%			2030	$271,400	5	$3,600	
Molded Case Bkrs	5%			2047	* *	5	$200	
Wiring								
Thermoplastic	90%			2031	$404,300	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	10%			2036	* *	5	$100	
Locally Mounted	85%			2029	$154,200	5	$1,000	
Variable Frequency Drive	5%			2036	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$150,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2036	* *	10	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lights								
Incandescent	1%			2026	$47,900	2		
LED	3%			2036	* *			
Egress Lighting								
Emergency, Battery	25%			2026	$72,600	10	$10,400	
Emergency, Battery	25%			2036	* *	10	$10,400	
Exit, Service	25%			2026	$18,600	1		
Exit, Service	25%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2031	$161,400	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	98%							
Generic	2%			2034	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stack Only								
Explanation : Copper Type								
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$65,000	1	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$109,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Heat Exchanger, Plate & Frame	25%			2040	* *	1	$21,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Hot Water Converter Serves Reheat Coils In The Ductwork For Each Space								
Steam Boiler	75%			2044	* *	1	$128,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Natural Gas Fired Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	20%	0-2	$7,600	2039	* *	4	$1,700	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement, Small Leaks Around Header And Condensate Pump								
Hot Wtr Piping/Pump	40%			2047	* *	4	$3,400	
Steam Piping/Pump	40%			2051	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	55%			2031	$1,790,600	1	$58,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Equipment Rooms								
Explanation : Newly Upgraded Climate Control System								
Convector/Radiator	5%	0-2	$3,500	2036	* *	1	$2,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor. 1 Steam Trap Malfunctioning								
Convector/Radiator	30%			2044	* *	1	$16,800	
Fan Coil Unit/Heat	10%			2031	$428,900	1	$5,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	75%			2036	* *	1	$60,200	
Window/Wall Unit	5%			2029	$32,800	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	75%			2041	* *	4	$9,600	
No Component	25%							
Terminal Devices								
Air Handler/Cool/Ht	75%			2026	$2,014,100	1	$80,200	
No Component	25%							
Heat Rejection								
Water Cooling Tower	75%			2032	$524,300	2	$130,600	
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	2-4	$152,000	LIFE	* *	2-5	$96,500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 3%								
Location : Near Air Handling Unit For Auditorium, Penthouse								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2026	$76,700	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Penthouse Mechanical Equipment Rooms								
Interior	10%	Now	$7,700	2031	$76,700	2	$400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Penthouse. Exhaust Fan No. 5 Motor Mount Is Broken And Exhaust Fan No. 4 Pulley Is Broken								
Roof	40%			2026	$134,300	2	$2,100	
On Extended Life, Extent : Moderate, Area Affected : 70%								
Location : Roof								
Roof	5%	0-2	$16,800	2041	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Roof, 4 Of 19 Exhaust Fans With Multiple Mechanical And Or Electrical Defects								
No Component	35%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse Mechanical Equipment Rooms								
Explanation : Equipment Accounted For Under The Cooling Section Of This Report								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$5,500	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$10,300	
Backflow Preventer								
No Component	80%							
Generic	20%			2041	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement Boiler Room								
Explanation : Newly Installed Backflow Preventer Serves Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2041	* *	1-2	$12,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 215 - BK**		
Address	: **415 AVENUE S @E. 3RD ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K215**
Program / Asset #	: **BOE0510.000 / 1291**	**Yr Built/Renovated**	: **1925 / 2013**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **6681** **Lot** : **169**	**BIN**	: **3178584**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$94,300
Interior Architecture	$3,351,400	$57,300
Electrical	$375,600	$221,600
Mechanical	$958,700	$1,274,200
Site Pavements	$76,700	
Total	**$4,762,400**	**$1,647,500**
Importance Code A		$94,300
Importance Code B	$4,518,700	$1,553,200
Importance Code C	$243,700	
Total	**$4,762,400**	**$1,647,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,500	$500		$44,400
Interior Architecture	$66,600	$11,200		$16,800
Electrical	$11,300	$2,500	$2,200	$53,700
Mechanical	$72,900	$10,600	$17,100	$22,600
Site Pavements	$39,500			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$211,600**	**$29,700**	**$24,200**	**$142,500**
Importance Code A	$50,200	$8,200	$7,600	$52,200
Importance Code B	$161,400	$17,800	$16,500	$90,200
Importance Code C		$3,800		
Total	**$211,600**	**$29,700**	**$24,200**	**$142,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$78,600	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : 3rd Avenue Egress Doors								
Explanation : Doors Are Almost Impossible To Open. They Are Egress So It Is Dangerous.								
Masonry: Brick	15%			LIFE	* *	5	$15,700	
Masonry: Limestone	10%	Now	$16,500	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Avenue S								
Windows								
Aluminum	100%			2048	* *	5	$36,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$10,500	
Masonry: Limestone	9%			LIFE	* *	5	$1,300	
Metal: Cage/Fence	1%			2045	* *	5-10	$900	
Roof								
Built-Up (BUR)	100%			2037	* *	10	$44,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,500	
Ceramic Tile	5%			2035	* *	5	$5,700	
Marble Panels	5%	2-4	$25,100	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	30%	Now	$95,000	2037	* *	3	$12,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Rooms 509, 515, 517.								
Vinyl Tile	35%			2042	* *	3	$20,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Corridors								
Vinyl Tile 9" X 9"	15%			2027	$3,033,700	3	$8,600	
Wood	5%			2047	* *	5	$10,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$57,200	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2035	* *	5	$7,500	
Gypsum Board	10%			LIFE	* *	5	$9,000	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%	Now	$109,800	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooms 214, 314, 414, 514, Staircase E.								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 214, 314, 414, 514, 515b, Staircase E								
Ceilings								
AcousTileSusp.Lay-In	8%			2045	* *	5	$9,200	
Embossed Metal	2%			LIFE	* *	5	$1,000	
Exposed Struc: Concrete	10%	Now	$34,300	LIFE	* *	5	$1,800	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Electrical Room								
Plaster	80%	Now	$55,800	LIFE	* *	5	$57,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Entrance, Gymnasium								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Chain Link	40%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$39,500	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Avenue S And East 3rd Street								
On-Site Walkways								
Asphalt	90%	Now	$76,700	2035	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Play Yard								
Cast in Place Concrete	10%			2045	* *			
Activity Yard								
Rubber Matting	100%			2037	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$300	
Raceway								
Conduit	30%			2052	* *	1		
Conduit	70%			2032	$101,200	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	95%			2048	* *	5	$1,900	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$107,500	5	$500	
Locally Mounted	10%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$67,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorecent Lights								
LED	3%			2037	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	10%			2032	$12,900	10	$1,900	
Emergency, Battery	40%			2037	* *	10	$7,400	
Exit, LED	40%			2060	* *	1		
Exit, Service	10%			2032	$3,300	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%	Now	$107,800	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$43,400	1	$8,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$59,600	2042	* *	1-3	$12,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 7500 Gallon Tank								
Conversion Equipment								
Steam Boiler	90%			2037	* *	1	$68,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	10%	Now	$26,800	2045	* *	1	$6,900	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Tubes Leaking, Both Units.								
Distribution								
Steam Piping/Pump	10%	Now	$18,500	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pumps, Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pumps, Basement								
Steam Piping/Pump	90%			2032	$554,900			

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2027	$289,800	1	$9,500	
Convector/Radiator	60%			2030	$377,800	1	$14,900	
Fan Coil Unit/Heat	20%			2027	$381,800	1	$5,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	75%	0-2	$10,900	2027	$218,800	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	100%	Now	$68,300	2032	$341,500	2	$1,900	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%	0-2	$5,900	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Water Main Valves, Basement								
Water Heater With Tanks								
Electric	30%			2030	$7,100	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : For Kitchen Use, Boiler Room								
Explanation : 1 Unit								
Gas Fired	70%			2027	$12,000	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit, Replacement Is Progress.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$15,400	4	$2,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2032	$21,300	1-2	$400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 215 - Q**		
Address	: **535 BRIAR PLACE BTWN: BROOKHAVEN AVE., COLLIER A**		
Borough	: **QUEENS**	**Agency's Number**	: **Q215**
Program / Asset #	: **BOE0853.000 / 2528**	**Yr Built/Renovated**	: **1953 / 1997**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **15772** **Lot** : **31**	**BIN**	: **4301194**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$108,800	$213,400
Interior Architecture	$108,300	
Electrical	$525,600	$400,700
Mechanical		$3,089,200
Site Enclosure	$75,100	
Total	**$817,700**	**$3,703,300**
Importance Code A	$108,800	$884,500
Importance Code B	$633,900	$2,818,700
Importance Code C	$75,100	
Total	**$817,700**	**$3,703,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,300	$7,900		
Interior Architecture	$30,300	$26,800	$8,400	$1,500
Electrical	$19,400	$66,300	$900	$900
Mechanical	$54,000	$40,500	$19,000	$13,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$109,800**	**$145,500**	**$32,200**	**$20,200**
Importance Code A	$35,200	$15,700	$7,600	$7,600
Importance Code B	$46,200	$129,900	$24,600	$12,600
Importance Code C	$28,400			
Total	**$109,800**	**$145,500**	**$32,200**	**$20,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$142,500	
Masonry: Brick	7%			LIFE	* *	5	$11,100	
Masonry: Limestone	3%			LIFE	* *	5	$3,600	
Windows								
Aluminum	95%	Now	$108,800	2046	* *	5	$2,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Classrooms								
Steel	5%	Now	$2,300	2038	* *	5	$1,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Basement Boiler Room								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$300	
Masonry: Limestone	5%			LIFE	* *	5		
Metal Security Bars	5%			2045	* *			
Roof								
Copper/Terne	5%			2065	* *	10	$7,900	
Modified Bitumen	95%			2038	* *	10	$59,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,800	
Ceramic Tile	3%			2039	* *	5	$3,700	
Ceramic Tile	2%			2043	* *	5	$2,500	
Quarry Tile	5%			2043	* *	5	$9,200	
Terrazzo	5%			LIFE	* *	5	$4,800	
Vinyl Tile	25%			2035	* *	3	$11,500	
Vinyl Tile	30%			2038	* *	3	$13,800	
Vinyl Tile 9" X 9"	10%	Now	$108,300	2040	* *	3	$4,600	
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Rooms 307, 333, 233, 208, 116, Kitchen Storage								
Wood	10%			2045	* *	5	$23,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$5,300	
Ceramic Tile	2%			2043	* *	5	$3,500	
Recent Construction, Extent : N/A, Area Affected : 2%								
Location : Toilet Room								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,100	
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	12%	Now	$25,800	LIFE	* *	5	$6,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Room 318								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Room 318								
Plaster	40%			LIFE	* *	5	$21,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$30,700	
Exposed Struc: Concrete	60%			LIFE	* *	5	$11,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs 5 And 6								
Metal Panel	5%			LIFE	* *	5	$7,700	
Plaster	10%			LIFE	* *	5	$7,700	
Site Enclosure								
Fence/Gates								
Chain Link	2%			2040	* *			
Iron Picket	98%	4+	$75,100	2065	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Briar Place								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	95%			2043	* *			
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$31,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 600 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2060	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Electrical Room Basement								
Explanation : Two 600 Ampere Main Disconnect Switches For Solar Panel								
Transformers								
Dry Type	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 167 Kilovolt-ampere, 480/277 High Voltage - 208/120 Low Voltage Supply								
Switchgear / Switchboard								
Fused Disc Sw	20%			2030	$39,000	5	$100	
Fused Knife Sw	80%	2-4	$156,100	2060	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : On Extended Life								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment.								
Raceway								
Conduit	100%			2030	$144,600	1		
Panelboards								
Fused Disc Sw	8%			2029	$14,400	5	$100	
Fused Disc Sw	2%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Six Photovoltaic Inverters From Direct Current Voltage To Alternating Current Voltage								
Fused Knife Sw	10%	2-4	$18,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	30%	2-4	$53,900	2055	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium, Cafeteria And Basement								
Molded Case Bkrs	45%			2029	$80,800	5	$900	
Molded Case Bkrs	5%			2055	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	2-4	$149,700	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2030	$39,900	1		
Thermoplastic	5%			2060	* *	1		
Motor Controllers								
Locally Mounted	90%			2028	$107,500	5	$500	
Locally Mounted	10%			2050	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$67,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	45%			2025	$58,200	10	$8,400	
Emergency, Battery	5%			2040	* *	10	$900	
Exit, Service	40%			2025	$13,300	1		
Exit, Service	10%			2040	* *	1		
Exterior Lighting								
HID	15%			2025	$53,900	10		
HID	15%	Now	$53,900	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof Perimeter								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$43,400	1	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$179,100	5	$23,900	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : 2 Tanks, 7,500 Gallons Each								
Conversion Equipment								
Steam Boiler	20%	0-2	$26,800	2028	$134,200	1	$13,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Shell Of No.2 Unit, Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : No. 2 Boiler, Needs Retubing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Steam Boiler	80%			2028	$536,900	1	$61,000	
Distribution								
Steam Piping/Pump	100%	0-2	$12,300	2050	* *			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : There Is No Water Returning To The Feeding Tank, Boiler Room								
Terminal Devices								
Air Handler	20%			2030	$289,800	1	$9,500	
Convector/Radiator	60%			2028	$377,800	1	$14,900	
Fan Coil Unit/Heat	4%	0-2	$1,500	2030	$76,400	1	$900	
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : Motors Burnt Out, Cafeteria								
Fan Coil Unit/Heat	16%			2030	$305,500	1	$4,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	10%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of Cafeteria								
Explanation : 2 New Units, R-410a								
Window/Wall Unit	60%			2028	$175,000	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$2,500	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$5,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2030	$273,200	2	$1,900	
Roof	20%			2035	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$2,000	2040	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Circulating Pump, Boiler Room								
Brass/Copper	20%			2040	* *	1		
Galvanized Steel	70%			2028	$688,100	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 600 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,100	
Backflow Preventer								
Generic	100%			2035	* *	1	$4,700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$53,200	1-2	$1,100	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 216 - BK**		
Address	: **350 AVENUE X BTWN: WEST ST., EAST 1 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K216**
Program / Asset #	: **BOE0511.000 / 1292**	**Yr Built/Renovated**	: **1925 / 2012**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5**		
Block	: **7196** **Lot** : **1**	**BIN**	: **3195175**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$103,600	$591,900
Interior Architecture	$194,300	$2,316,300
Electrical	$193,300	$598,500
Mechanical	$1,418,300	$2,168,900
Site Pavements		$423,200
Total	**$1,909,500**	**$6,098,900**
Importance Code A	$103,600	$591,900
Importance Code B	$1,751,000	$4,669,900
Importance Code C	$54,900	$837,000
Total	**$1,909,500**	**$6,098,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$1,100	$16,300	
Interior Architecture	$111,600	$19,600		$9,300
Electrical	$50,900	$26,500	$1,300	$1,800
Mechanical	$70,100	$28,700	$19,100	$11,600
Site Enclosure	$4,500			
Site Pavements	$14,400			
Total	**$251,400**	**$75,900**	**$36,700**	**$22,700**
Importance Code A	$7,800	$9,100	$24,100	$7,800
Importance Code B	$211,100	$66,800	$12,600	$14,800
Importance Code C	$32,500			
Total	**$251,400**	**$75,900**	**$36,700**	**$22,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$73,400	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Masonry: Marble	5%			LIFE	* *	5	$3,900	
Stucco Cement	20%			2043	* *	5	$52,400	
Windows								
Aluminum	10%	0-2	$103,600	2046	* *	5	$1,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Aluminum	90%			2046	* *	5	$32,600	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$9,300	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Panel	5%			2050	* *	5	$2,300	
Metal Rail	5%			2043	* *	5-10	$10,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Roof								
Built-Up (BUR)	100%			2030	$518,600	10	$44,400	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Ponding, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Soffits								
Masonry: Marble	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	3%	Now	$5,800	LIFE	* *	5	$7,500	
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Ceramic Tile	3%	Now	$9,700	2033	$193,800	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Marble Panels	2%			LIFE	* *	5	$1,700	
Quarry Tile	2%			2035	* *	5	$3,400	
Vinyl Tile	65%	Now	$41,200	2035	* *	3	$27,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria, Corridors On 4th And 5th Floors								
Wood	25%	0-2	$34,200	2033	$1,708,700	5	$26,900	
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$20,700	2033	$413,800	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	75%	Now	$54,900	LIFE	* *	5	$33,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stairs								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement And Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : 5th Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Perimeter Walls And 5th Floor Classrooms								
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$28,600	
AcousTileConcealSpLn	5%			2035	* *	5	$7,200	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,800	
Plaster	8%	Now	$139,400	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Classrooms								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Rooms From Roof								
Plaster	52%			LIFE	* *	5	$37,200	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%	Now	$4,500	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Along West Street								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$7,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Tree Pits								
On-Site Walkways								
Cast in Place Concrete	85%			2035	* *			
Masonry: Granite	15%	Now	$7,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Steps								
Parking/Driveway								
Asphalt	100%			2033	$423,200			
Activity Yard								
Asphalt	50%			2033				
Rubber Matting	50%			2030				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	15%			2030	$6,800	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	5%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Greenhouse Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For The Greenhouse								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	95%			2030	$137,400	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	85%			2029	$152,700	5	$1,800	
Molded Case Bkrs	5%			2038	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	25%	2-4	$49,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2030	$139,700	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	95%			2028	$113,500	5	$500	
Locally Mounted	5%			2043	* *	5		
Ground								
Grounding Devices								
Generic	95%			LIFE	* *	5	$1,100	
Generic	5%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$72,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Auditorium								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	45%			2025	$59,700	10	$8,600	
Emergency, Battery	5%			2035	* *	10	$1,000	
Exit, Service	45%			2025	$15,300	1		
Exit, Service	5%			2035	* *	1		
Exterior Lighting								
Fluorescent	5%			2030	$15,800	10	$400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Greenhouse Building								
HID	15%			2030	$55,300	10		
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	4+	$61,100	2035	* *	1-3	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Old And Obsolete								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2030	$632,600			
Terminal Devices								
Air Handler	30%	Now	$44,600	2025	$446,000	1	$13,200	
Not in Service, Extent : Severe, Area Affected : 75%								
Location : Basement Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	40%			2028	$258,400	1	$10,200	
Fan Coil Unit/Heat	30%			2025	$587,600	1	$7,700	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2028	$269,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$69,400	LIFE	* *	2-5	$44,100	
Not in Service, Extent : Severe, Area Affected : 75%								
Location : Basement And Sixth Floor Fan Rooms, House Exhaust Fans								
Exhaust Fans								
Interior	90%	4+	$315,300	2040	* *	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room And Sixth Floor Penthouse								
Roof	10%	Now	$15,300	2040	* *	2	$200	
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$1,008,500	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,800	4	$1,700	
Backflow Preventer								
Generic	100%			2035	* *	1	$4,800	
Fixtures								
Generic	100%							
	Obsolete Fixtures, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 216 - BK ANNEX**		
Address	: **2421 WEST STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K532**
Program / Asset #	: **BOE1136.000 / 14882**	**Yr Built/Renovated**	:
Area Sq Ft	: **2,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **7196** **Lot** : **1**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$5,900	$2,700	
Interior Architecture	$7,000		$1,700	
Electrical	$100	$100	$100	$100
Mechanical	$500	$100	$200	$100
Total	**$7,700**	**$6,100**	**$4,800**	**$200**
Importance Code A	$100	$6,000	$2,800	$100
Importance Code B	$5,300	$100	$1,900	$100
Importance Code C	$2,300		$100	
Total	**$7,700**	**$6,100**	**$4,800**	**$200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK ANNEX

Asset # : 14882

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Fiberglass Panel	34%			2046	* *	5	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Greenhouse								
Explanation : Polycarbonate Glazing								
Stucco Cement	33%			2050	* *	5	$3,500	
Wood	33%			2050	* *	5	$7,000	
Windows								
Aluminum	100%			2055	* *	5	$1,300	
Parapets								
Metal Panel	1%			2059	* *	5		
Stucco Cement	4%			2050	* *	5		
No Component	95%							
Roof								
Fiberglass Panel	25%			2046	* *	1		
Single Ply Membrane	70%			2041	* *	10	$5,800	
Skylight, Plastic	5%			2046	* *	1		
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$3,900	
Ceramic Tile	10%			2046	* *	5	$400	
Traffic Topping	65%			2041	* *	5	$2,900	
Interior Walls								
Ceramic Tile	5%			2046	* *	5	$100	
Fiberglass Panel	10%			LIFE	* *	10	$100	
Gypsum Board	85%			LIFE	* *	5-10	$3,500	
Ceilings								
Exposed Struc: Steel	25%			LIFE	* *	10	$1,800	
Gypsum Board	75%	Now	$1,000	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Classroom								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
On-Site Walkways								
Pavers/Stone	100%			2042	* *			
Activity Yard								
Pavers/Stone	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 216 - BK ANNEX
Asset # : 14882

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated 200 Amperes.								
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$100	
Wiring								
Thermoplastic	100%			2053	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-5 Lamps								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$200	
Exit, Battery	50%			2038	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$100	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK ANNEX

Asset # : 14882

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	60%			2038	* *	1	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Rooftop Unit								
Radiant Heater	40%			2038	* *	2	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Greenhouse								
Explanation : 4 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	60%			2038	* *	2	$100	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Rooftop Unit, Roof								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$1,100	
No Component	40%							
Exhaust Fans								
Roof	60%			2038	* *	2		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 75 Gallons Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 217 - BK**		
Address	: **1100 NEWKIRK AVE. @ CONEY ISLAND AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K217**
Program / Asset #	: **BOE0512.000 / 1293**	**Yr Built/Renovated**	: **1925 / 2008**
Area Sq Ft	: **113,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5232** **Lot** : **1**	**BIN**	: **3121072**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$280,300
Electrical		$1,762,400
Mechanical	$670,000	$1,450,600
Total	**$670,000**	**$3,493,200**
Importance Code A		$280,300
Importance Code B	$670,000	$3,212,900
Total	**$670,000**	**$3,493,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$27,300
Interior Architecture	$96,200	$16,000	$2,400	
Electrical	$11,000	$17,700	$11,000	$11,900
Mechanical	$42,700	$28,200	$42,700	$41,200
Site Pavements	$5,300			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$160,100**	**$66,800**	**$61,000**	**$85,200**
Importance Code A	$11,200	$11,200	$11,200	$38,700
Importance Code B	$128,600	$55,600	$49,800	$46,500
Importance Code C	$20,300			
Total	**$160,100**	**$66,800**	**$61,000**	**$85,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Scaffolding Installed Throughout								
Masonry: Brick	80%			LIFE	* *	5	$152,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Granite	5%			LIFE	* *	5	$7,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Pre-Cast Concrete	5%			LIFE	* *	5	$31,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Aluminum	98%			2057	* *	5	$54,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Louvers	2%			2041	* *	10	$7,000	
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	25%			2042	* *	10	$21,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Copper/Terne	25%			2060	* *	10	$53,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
IRMA/Protected Membrane	50%			2042	* *	10	$42,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$27,100	LIFE	* *	5	$34,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2041	* *	5	$4,800	
Marble Panels	2%			LIFE	* *	5	$2,400	
Quarry Tile	3%			2045	* *	5	$7,200	
Vinyl Tile	62%			2037	* *	3	$37,100	
Wood	20%	4+	$38,100	2047	* *	5	$29,900	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$6,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	Now	$15,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby And Auditorium								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Plaster	40%			LIFE	* *	5	$10,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	50%	Now	$15,900	2045	* *	5	$31,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Exposed Struc: Concrete	5%			LIFE	* *	5	$800	
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$6,200	
Plaster	30%			LIFE	* *	5	$18,600	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : 5th Floor Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2052	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fence								
Explanation : Construction Netting Installed								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	60%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Exterior Walkways								
Explanation : Scaffolding And Sidewalk Bridging Installed								
Cast in Place Concrete	10%			2045	* *			
Masonry: Granite	10%	0-2	$5,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Exterior Steps								
Panel/Paver: Concrete	20%			2042	* *			
Activity Yard								
Asphalt	60%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Rear Yard								
Explanation : Construction Staging Area								
Rubber Matting	10%			2037	* *			
Traffic Topping	30%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Rear Play Yard Track								
Explanation : Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$500	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$300	
Molded Case Bkrs	90%			2040	* *	5	$2,700	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$34,800	
Generators								
Diesel	100%			2035	* *	1	$43,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$4,200	
Fuel Storage								
Main Tank	100%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2032	$1,600,300	10	$98,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2032	$34,800	1		
Exit, Service	50%			2032	$24,400	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$63,600	1	$12,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$20,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	99%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Interruptible Gas/Dual Fuel	1%	Now	$500	2042	* *	1		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Defective Fuel Oil Pump Of Boiler No.1								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$111,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	20%			2048	* *	4	$1,700	
Steam Piping/Pump	75%			2032	$678,700			
Steam Piping/Pump	5%	0-2	$4,500	2042	* *			
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Building Management System								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	20%			2037	* *	1	$14,000	
Air Handler	15%			2027	$319,000	1	$10,500	
Convector/Radiator	60%			2037	* *	1	$21,900	
Fan Coil Unit/Heat	5%			2027	$140,100	1	$1,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2032	$333,400	1	$10,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Mechanical Equipment Room								
Explanation : 2 Units. R-22 Refrigerant. Unit No.1 Replacement Has Been Scheduled.								
Split Unit	15%			2040	* *			
Window/Wall Unit	20%			2027	$85,600	1		
No Component	45%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2042	* *	4	$1,100	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	20%			2037	* *	1	$14,000	
Fan Coil - 2 Pipe	15%			2040	* *	1	$5,500	
No Component	65%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2032	$36,000	2	$15,700	
Air Cooled Condenser Unit	15%			2040	* *	2	$11,800	
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,000	
Exhaust Fans								
Interior	50%			2037	* *	2	$1,700	
Interior	25%			2027	$125,300	2	$900	
Roof	25%			2032	$54,800	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$288,500	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$3,600	
Sewage Ejector(s)								
Electric	100%			2032	$59,200	4	$6,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$57,000	
Sprinkler								
Generic	100%			2042	* *	1-2	$31,700	
Fire Pump								
Generic	100%			2041	* *	1	$21,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2030	$3,700	1-3	$3,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 3 Sets								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 219 - BK**		
Address	: **1060 CLARKSON AVE. BTWN: EAST 93 ST., EAST 94 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K219**
Program / Asset #	: **BOE0514.000 / 2546**	**Yr Built/Renovated**	: **1926 / 2011**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4648** **Lot** : **1**	**BIN**	: **3101168**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical	$145,900	$768,100
Mechanical	$76,900	$3,751,100
Site Pavements	$60,400	
Total	**$283,200**	**$4,519,300**
Importance Code B	$283,200	$4,519,300
Total	**$283,200**	**$4,519,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,700	$11,800	$1,500	
Interior Architecture	$81,100		$2,200	$500
Electrical	$10,400	$9,000	$11,300	$9,900
Mechanical	$82,300	$14,300	$21,300	$13,300
Total	**$219,400**	**$35,100**	**$36,200**	**$23,700**
Importance Code A	$74,600	$21,300	$11,000	$9,500
Importance Code B	$118,700	$13,800	$25,000	$13,700
Importance Code C	$26,200		$200	$500
Total	**$219,400**	**$35,100**	**$36,200**	**$23,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	* *	5	$36,100	
Masonry: Limestone	5%			LIFE	* *	5	$1,500	
Metal Panel	3%			2059	* *	5-10	$4,000	
Windows								
Aluminum	100%			2049	* *	5	$5,900	
Parapets								
Masonry: Brick	65%			LIFE	* *	5-10	$24,700	
Metal Rail	30%			2050	* *	5-10	$30,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,500	
Roof								
Metal Panel	2%			2046	* *	10	$1,500	
Modified Bitumen	98%			2041	* *	10	$39,200	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$18,500	
Ceramic Tile	3%			2046	* *	5	$600	
Terrazzo	5%			LIFE	* *	5	$1,700	
Vinyl Tile	62%			2038	* *	3	$4,900	
Wood	10%	Now	$25,200	2048	* *	5	$2,000	
Deteriorated Finish, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior Walls								
Ceramic Tile	2%			2042	* *	5	$900	
Ceramic Tile	1%			2036	* *	5	$500	
Masonry: Brick	10%			LIFE	* *	10	$1,400	
Metal: Cage/Fence	3%			LIFE	* *	10	$300	
Marble Panels	2%	Now	$3,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Plaster	72%			LIFE	* *	5-10	$29,000	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$2,400	
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$3,200	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$5,300	
Plaster	65%			LIFE	* *	5-10	$23,600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	100%	Now	$60,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Court Yard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Court Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$113,800	5	$200	
Fused Disc Sw	50%			2043	* *	5	$200	
Raceway								
Conduit	75%			2033	$151,300	1		
Conduit	25%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	75%			2032	$179,600	5	$1,900	
Molded Case Bkrs	20%			2041	* *	5	$500	
Wiring								
Braided Cloth	50%	2-4	$145,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2033	$72,900	1		
Thermoplastic	25%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2038	* *	5	$200	
Locally Mounted	70%			2031	$83,600	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$86,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2033	$80,600	10	$11,600	
Exit, Service	50%			2033	$20,700	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$35,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$59,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	60%	0-2	$25,100	2038	* *	1	$51,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of Unit No.1, Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	40%			2038	* *	1	$38,000	
Distribution								
Steam Piping/Pump	100%	Now	$76,900	2033	$768,800			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Leaking, Vacuum Pump In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2028	$361,300	1	$11,900	
Convector/Radiator	75%			2031	$588,800	1	$23,300	
Fan Coil Unit/Heat	5%			2028	$119,000	1	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	70%	0-2	$12,700	2028	$254,600	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,800	
Exhaust Fans								
Interior	100%			2028	$425,800	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,233,000	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$5,100	2028	$17,100	2		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Old Storage Tank								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : With Old Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$19,200	4	$3,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$39,800	1-2	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 219 - Q**		
Address	: **144-39 GRAVETT ROAD @ MAIN ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q219**
Program / Asset #	: **BOE0856.000 / 1484**	**Yr Built/Renovated**	: **1953 / 2008**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6507** **Lot** : **1**	**BIN**	: **4448708**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$481,400	$6,285,400
Electrical	$204,200	$1,279,500
Mechanical	$137,700	$889,700
Site Pavements	$279,700	$424,300
Total	**$1,103,100**	**$8,878,900**
Importance Code A	$83,700	
Importance Code B	$739,600	$8,878,900
Importance Code C	$279,700	
Total	**$1,103,100**	**$8,878,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,300	$1,400		
Interior Architecture	$184,700	$1,700		$15,500
Electrical	$72,400	$9,000	$11,100	$10,200
Mechanical	$65,300	$18,900	$25,400	$23,600
Site Enclosure	$28,400			
Site Pavements	$60,100			
Total	**$477,300**	**$30,900**	**$36,400**	**$49,300**
Importance Code A	$66,300	$10,900	$9,500	$9,500
Importance Code B	$339,500	$20,000	$26,900	$37,900
Importance Code C	$71,500			$1,900
Total	**$477,300**	**$30,900**	**$36,400**	**$49,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$41,700	
Masonry: Brick	30%			LIFE	* *	5	$25,000	
Masonry: Brick Cavity	30%			LIFE	* *	5	$25,000	
Window Wall	30%	2-4	$7,600	2053	* *	5	$23,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Window Units At 1st And 2nd Floor, When Driving Rain Occurs								
Windows								
Aluminum	75%			2049	* *	5	$12,000	
Metal/Detention Type	25%			2053	* *	5	$14,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Annex Building								
Explanation : Metal Security Grilles								
Parapets								
Metal Security Bars	5%			2068	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : At Roofs								
Metal: Cage/Fence	5%			2050	* *	5-10	$3,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : At Roofs								
No Component	90%							
Roof								
Fluid Applied Roofing	85%			2068	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Building, Not Including Dome								
Modified Bitumen	15%			2041	* *	10	$13,900	
Soffits								
Cast in Place Concrete	100%	Now	$6,800	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entrance Soffit								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Annex Soffit								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$97,200	
Ceramic Tile	7%			2042	* *	5	$7,800	
Terrazzo	3%			LIFE	* *	5	$5,200	
Vinyl Tile	45%	2-4	$276,300	2033	$1,381,600	3	$18,800	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Corridors								
Uneven Surface, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium, Cafeteria And Corridors								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Vinyl Tile 9" X 9"	25%			2028	$4,903,800	3	$13,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%			2042	* *	5	$3,800	
Concrete Masonry Unit	20%			LIFE	* *	5	$15,100	
Glazed Ceramic Panel	1%			LIFE	* *	10	$800	
Masonry: Brick	10%			LIFE	* *	10	$2,800	
Plaster	25%			LIFE	* *	5-10	$20,000	
SGFT/Glazed Masonry	40%			LIFE	* *	10	$18,800	
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$11,100	
AcousTileSusp.Lay-In	37%	Now	$205,100	2053	* *	5	$20,600	
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Cafeteria, Corridors And Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors And Classrooms								
AcousTileSusp.Lay-In	3%			2050	* *	5	$3,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$20,800	
Exposed Struc: Steel	20%			LIFE	* *	10	$44,500	
Gypsum Board	5%			LIFE	* *	5-10	$19,100	
Plaster	10%			LIFE	* *	5-10	$19,100	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Chain Link	15%	0-2	$22,900	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Around Dome Area								
Iron Picket	10%	4+	$5,500	2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Main Entry And Fence At Dome								
Metal Rail	50%			2050	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Explanation : Roof Railing								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$17,700	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gravett Road								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$66,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Around Annex And Main Building								

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	$213,300	2042	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Front Driveway Road								
Potholes, Extent : Moderate, Area Affected : 10%								
Location : Driveway								
Sinking/Subsiding, Extent : Severe, Area Affected : 20%								
Location : Driveway								
Activity Yard								
Cast in Place Concrete	50%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Annex Front Yard								
Explanation : At Enclosed Annex Courtyard								
Rubber Matting	50%	0-2	$42,400	2033	$424,300			
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Annex Playground								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Annex Playground								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$182,100	5	$300	
Fused Knife Sw	20%	2-4	$45,500	2063	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Annex Building								
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Knife Sw	2%	2-4	$4,800	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	88%			2032	$210,800	5	$2,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	$87,500	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$82,800	
LED	6%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$80,600	10	$11,600	
Exit, Service	50%			2028	$20,700	1		
Exterior Lighting								
HID	30%			2028	$134,400	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$180,200	1	$35,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$59,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mechanical Room And Electrical Room								
Explanation : Strobe Lights, Horns, Alarm Bell, Smoke Detectors, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$29,700	
Conversion Equipment								
Steam Boiler	100%	Now	$83,700	2038	* *	1	$85,600	
Cracked, Extent : Severe, Area Affected : 25%								
Location : No.1 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units For Main Building, 1 Unit For Annex								

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$54,000	2043	* *	4	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In The Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Faulty Steam Traps Throughout								
Terminal Devices								
Air Handler	30%			2038	* *	1	$17,800	
Convector/Radiator	70%			2038	* *	1	$21,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2033	$283,300	1	$8,900	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Basement								
Split Unit	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : 10 Units In Auditorium								
Window/Wall Unit	60%	0-2	$21,800	2028	$218,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 6 Units Are Not Working								
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2038	* *	1	$11,900	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2033	$50,000	2	$13,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,800	
Exhaust Fans								
Interior	50%			2038	* *	2	$1,500	
Roof	50%			2033	$93,100	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2053	* *	1		
Galvanized Steel	20%			2031	$245,100	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$9,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$5,800	2041	* *	4	$2,000	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Faulty Float. Sump Pump Is Not Working								
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 22 - BK**		
Address	: **443 ST. MARKS AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K022**
Program / Asset #	: **BOE1130.000 / 14876**	**Yr Built/Renovated**	:
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **1148** **Lot** : **50**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,069,400	$1,346,800
Interior Architecture	$327,300	$61,900
Electrical	$63,000	$2,599,200
Mechanical		$193,200
Site Enclosure	$57,200	
Site Pavements		$64,000
Total	**$1,516,800**	**$4,265,100**
Importance Code A	$1,069,400	$1,346,800
Importance Code B	$225,100	$2,856,400
Importance Code C	$222,400	$61,900
Total	**$1,516,800**	**$4,265,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$108,600			
Interior Architecture	$178,900		$48,500	$16,900
Electrical	$67,200	$14,700	$15,000	$17,400
Mechanical	$65,600	$49,300	$41,400	$41,000
Site Enclosure	$7,000			
Site Pavements	$73,300			
Total	**$500,600**	**$64,000**	**$104,900**	**$75,400**
Importance Code A	$117,500	$8,900	$8,900	$8,900
Importance Code B	$290,000	$55,100	$96,000	$60,000
Importance Code C	$93,100			$6,500
Total	**$500,600**	**$64,000**	**$104,900**	**$75,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - BK

Asset # : 14876

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%	Now	$3,600	LIFE	* *	5	$17,800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%	Now	$24,800	LIFE	* *	5	$17,800	
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	83%	Now	$155,500	LIFE	* *	5	$94,400	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Metal Panel	5%			2053	* *	5-10	$39,100	
Window Wall	5%	Now	$8,600	2053	* *	5	$10,700	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Bulkheads								
Windows								
Aluminum	100%	Now	$863,800	2049	* *	5	$18,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Corridors								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Parapets								
Cast Stone/Terra Cotta	35%	Now	$48,400	LIFE	* *	5	$41,200	
Open Joints, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Concrete Masonry Unit	35%			LIFE	* *	5-10	$29,200	
Metal Rail	30%			2046	* *	5-10	$82,400	
Roof								
IRMA/Protected Membrane	95%			2033	$1,201,600	10	$50,800	
Gravel/Stone Ballast, Extent : Light, Area Affected : 85%								
Location : Roof								
Paver Block Ballast, Extent : Light, Area Affected : 15%								
Location : Roof								
Modified Bitumen	5%			2033	$29,200	10	$2,700	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - BK

Asset # : 14876

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$88,300	
Ceramic Tile	10%			2042	* *	5	$13,500	
Quarry Tile	5%			2046	* *	5	$10,100	
Vinyl Tile	22%	0-2	$81,800	2038	* *	3	$11,100	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Basement								
Vinyl Tile	38%			2038	* *	3	$19,200	
Wood	10%	0-2	$80,300	2061	* *	5	$12,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium And Auditorium Stage								
Recent Replace Evident, Extent : N/A, Area Affected : 35%								
Location : Library								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$32,300	
Ceramic Tile	5%			2042	* *	5	$12,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$20,600	
Gypsum Board	40%			LIFE	* *	5-10	$175,500	
SGFT/Glazed Masonry	40%			LIFE	* *	10	$51,600	
Ceilings								
AcousTileSusp.Lay-In	15%	Now	$38,600	2046	* *	5	$10,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridors								
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout								
AcousTileSusp.Lay-In	55%			2046	* *	5	$74,000	
Exposed Struc: Steel	15%			LIFE	* *	10	$40,400	
Gypsum Board	10%	Now	$4,700	LIFE	* *	5	$16,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$16,800	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2053	* *			
Iron Picket	90%	Now	$7,000	2068	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Gate Hinge								
Free Standing Walls								
Cast in Place Concrete	50%			2068	* *			
Masonry: Brick	50%	Now	$57,200	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Adjacent To Driveway								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - BK

Asset # : 14876

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$27,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Saint Marks Street								
On-Site Walkways								
Asphalt	60%	Now	$24,900	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Schoolyard								
Cast in Place Concrete	40%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$18,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Adjacent To Refuse Containers								
Activity Yard								
Rubber Matting	20%			2033	$64,000			
Traffic Topping	80%	2-4	$2,100	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2,000 Amperes Rating								
Transformers								
Dry Type	100%			2031	$26,700	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : 9x15 Kilovolt Amperes 480/208/120 Volt, 1x38 Kilovot Amperes 480/208/120 Volt And 1x75 Kilovolt Amperes 277/480 Volt								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$400	
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	50%			2032	$119,700	5	$1,000	
Molded Case Bkrs	50%			2032	$119,700	5	$1,200	
Wiring								
Thermoplastic	100%			2033	$291,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - BK

Asset # : 14876

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	60%			2031	$71,700	5	$400	
Variable Frequency Drive	40%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$27,700	
Generators								
Diesel	100%			2029	$138,700	1	$34,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Generator Is A 250 Kilowatt Unit, 277/480 Volt And Is In Good Condition.								
Fuel Storage								
Day Tank	50%			2032	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Day Tank Is A 75 Gallon Tank In Good Condition.								
Main Tank	50%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Main Diesel Tank Is A 10,000 Gallon Tank In Good Condition.								
Lighting								
Interior Lighting								
Fluorescent	60%			2028	$805,000	10	$49,500	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	15%			2033	$201,200	10	$12,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 5 Classrooms Throughout The School								
Fluorescent	20%			2038	* *	10	$16,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Entrance, Auditorium, Some Hallways								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Three Hallways								
Explanation : LED Lighting								
Egress Lighting								
Exit, LED	70%			2061	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout School								
Explanation : Most Exit Lights Were Replaced To LED Type Fixtures About 3 Years Ago.								
Exit, Service	30%			2028	$11,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 22 - BK

Asset # : 14876

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	15%	0-2	$63,000	2043	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
HID	5%			2028	$21,000	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$84,500	1	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior And Interior								
Explanation : Cameras Security System								
Generic	50%			2028	$84,500	1	$16,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$232,200	1-3	$57,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$89,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub-basement								
Explanation : 2 Units. Unit No.2 Is Under Repair.								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Air Handler	50%			2041	* *	1	$27,800	
Convector/Radiator	45%			2038	* *	1	$13,100	
Fan Coil Unit/Heat	5%	0-2	$5,600	2033	$111,600	1	$1,300	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Entrances								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - BK

Asset # : 14876

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2043	* *	1	$37,600	
Other Observation, Extent : N/A, Area Affected : 100% Location : 9 Units, Penthouses Explanation : New Replacement								
Window/Wall Unit	10%			2028	$34,100	1		
Terminal Devices								
Air Handler/Cool/Ht	90%			2041	* *	1	$50,100	
No Component	10%							
Heat Rejection								
Air Cooled Condenser Unit	90%			2043	* *	2	$56,400	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,500	
Exhaust Fans								
Interior	100%			2038	* *	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100% Location : Boiler Room Explanation : 1 Tankless Unit With One 120 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$2,800	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2033	$47,100	4	$5,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100% Location : Basement To 4th Floor Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$45,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - BK

Asset # : 14876

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2043	* *	1-2	$5,000	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 220 - Q**		
Address	: **62-10 108 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q220**
Program / Asset #	: **BOE0857.000 / 193**	**Yr Built/Renovated**	: **1956 / 2011**
Area Sq Ft	: **64,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jul-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2143** **Lot** : **1**	**BIN**	: **4051290**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$303,500	$282,500
Interior Architecture	$6,491,000	$1,615,800
Electrical	$197,300	$324,500
Mechanical	$505,000	$2,050,700
Site Pavements		$78,500
Total	**$7,496,700**	**$4,351,900**
Importance Code A	$638,200	$282,500
Importance Code B	$6,858,500	$4,069,400
Total	**$7,496,700**	**$4,351,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,800		$10,100	$13,000
Interior Architecture	$83,700	$6,400	$3,200	$4,500
Electrical	$2,000	$2,400	$95,800	$2,000
Mechanical	$5,300	$13,200	$50,300	$18,300
Site Pavements	$85,100			
Total	**$232,900**	**$22,000**	**$159,300**	**$37,800**
Importance Code A	$56,800	$6,300	$16,500	$19,300
Importance Code B	$65,900	$15,600	$142,800	$18,500
Importance Code C	$110,200			
Total	**$232,900**	**$22,000**	**$159,300**	**$37,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$26,800	
Fiberglass Panel	5%			2034	* *	5	$20,100	
Masonry: Brick Cavity	25%	4+	$46,800	LIFE	* *	5	$26,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : By Exit 8								
Metal/Glass Curt Wall	60%			LIFE	* *	5	$120,800	
Window Wall	5%			2041	* *	5	$20,100	
Windows								
Aluminum	100%			2047	* *	5	$26,000	
Parapets								
Metal Rail	100%			2044	* *	5-10	$411,500	
Roof								
Built-Up (BUR)	98%			2036	* *	10	$53,600	
Skylight, Plastic	2%			2036	* *	1		
Soffits								
Metal/Glass Curt Wall	100%			LIFE	* *	5		
Interior								
Floors								
Mosaic Tile	3%	4+	$14,500	2036	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Quarry Tile	2%			2044	* *	5	$3,100	
Terrazzo	5%	Now	$9,600	LIFE	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Main Entrance Stair								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Stair								
Vinyl Tile	50%			2031	$1,423,000	3	$19,300	
Vinyl Tile 9" X 9"	35%	0-2	$127,300	2026	$6,363,700	3	$13,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%	2-4	$6,100	2046	* *	5	$4,800	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Gymnasium And Auditorium Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$2,800	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	25%	Now	$44,600	LIFE	* *	5	$9,500	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Crawl Space								
Masonry: Brick	5%			LIFE	* *			
Metal Coiling Doors	1%			2039	* *	5	$4,700	
Plaster	66%			LIFE	* *	5	$18,800	
Ceilings								
AcousTileConcealSpLn	5%			2036	* *	5	$6,400	
AcousTileSusp.Lay-In	10%	4+	$3,400	2036	* *	5	$5,200	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5	$8,000	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	12%			2031	$192,800			
Plaster	20%			LIFE	* *	5	$12,900	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2041	* *			
Iron Picket	20%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$44,600	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Exit 8 And Front Plaza								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Plaza And By Exit 8								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Front Plaza								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Front Plaza								
Explanation : Vegetation Growth								
Masonry: Brick	10%	Now	$17,100	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Front Plaza								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Plaza								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Front Plaza								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Front Plaza								
Explanation : Vegetation Growth								
Activity Yard								
Asphalt	70%	Now	$15,500	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	30%	Now	$7,900	2031	$78,500			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Playground								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Playground								
Explanation : Vegetation Growth At Seams								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	15%			2030	$26,900	5	$200	
Molded Case Bkrs	55%			2030	$98,800	5	$900	
Molded Case Bkrs	30%			2047	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$139,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$300	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$57,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$7,700	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$36,000	1	$7,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$49,500	1-3	$11,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$148,800	5	$19,800	
Conversion Equipment								
Steam Boiler	5%	Now	$16,700	2051	* *	1	$2,900	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Both Burners, Very Frequently. Boiler Room								
Steam Boiler	95%	2-4	$318,000	2051	* *	1	$54,200	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Old Units								
Distribution								
Steam Piping/Pump	10%	0-2	$1,000	2041	* *			
Broken, Extent : Moderate, Area Affected : 10%								
Location : Compressor Motor, Basement								
Steam Piping/Pump	90%			2031	$461,300			
Terminal Devices								
Air Handler	20%			2031	$240,900	1	$7,900	
Convector/Radiator	80%			2029	$418,700	1	$16,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2031	$322,600	2	$1,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	10%			2026	$24,200	1		
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2031	$149,000	1	$11,900	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2031	$22,200	2	$13,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,700	
Exhaust Fans								
Interior	60%			2026	$170,300	2	$1,200	
Roof	40%			2031	$49,700	2	$800	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$300	2029	$17,100	2		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Pipe Connection. Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2031	$309,500	4	$6,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$1,400	
Sewage Ejector(s)								
Electric	100%			2039	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$26,600	1-2	$500	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 220- BX P.S. 179, P.S. 369 AND P.S. 17**		
Address	: **468 EAST 140 STREET (NEAR BROOK AVE.)**		
Borough	: **BRONX**	**Agency's Number**	: **X040**
Program / Asset #	: **BOE0183.000 / 513**	**Yr Built/Renovated**	: **1967 /**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2284** **Lot** : **34**	**BIN**	: **2000308**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$3,033,500
Interior Architecture	$21,865,300	$210,800
Electrical	$398,300	$759,500
Mechanical	$472,100	$498,400
Site Pavements	$123,900	
Total	**$22,859,500**	**$4,502,300**
Importance Code A		$3,033,500
Importance Code B	$22,749,700	$1,468,700
Importance Code C	$109,800	
Total	**$22,859,500**	**$4,502,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$22,500	$12,700
Interior Architecture	$108,000	$8,000		$17,500
Electrical	$2,200	$3,200	$3,200	$47,300
Mechanical	$100,100	$13,700	$19,700	$12,800
Site Pavements	$29,200			
Total	**$239,500**	**$24,900**	**$45,400**	**$90,300**
Importance Code A	$8,900	$8,900	$31,400	$21,900
Importance Code B	$188,100	$9,000	$14,000	$68,500
Importance Code C	$42,500	$7,000		
Total	**$239,500**	**$24,900**	**$45,400**	**$90,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 220- BX P.S. 179, P.S. 369 AND P.S. 17
Asset # : 513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$4,800	
Masonry: Brick	95%			LIFE	* *	5	$146,700	
Windows								
Aluminum	100%			2031	$2,140,600	5	$44,900	
Parapets								
Copper/Terne	10%			2067	* *	5	$10,000	
Masonry: Brick	25%			LIFE	* *	5	$5,200	
No Component	65%							
Roof								
Built-Up (BUR)	95%			2032	$687,400	10	$58,900	
Copper/Terne	5%			2047	* *	10	$7,700	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$35,200	
Ceramic Tile	5%	Now	$22,700	2035	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilet Rooms								
Sheet Vinyl/Rubber	2%			2032	$210,800	5	$4,800	
Terrazzo	3%			LIFE	* *	5	$3,800	
Vinyl Tile	5%			2037	* *	3	$3,000	
Vinyl Tile 9" X 9"	75%	Now	$426,600	2027	$21,328,900	3	$45,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout, Room 116								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$5,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,000	
Folding Partition	2%			2040	* *	5	$8,700	
Plaster	50%	Now	$42,500	LIFE	* *	5	$26,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	35%	Now	$109,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 220- BX P.S. 179, P.S. 369 AND P.S. 17
Asset # : 513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$13,000	2037	* *	5	$25,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	45%			LIFE	* *	5	$11,300	
Metal Panel	5%	2-4	$5,300	LIFE	* *	5	$10,100	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	25%	Now	$24,500	LIFE	* *	5	$25,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2052	* *			
Iron Picket	20%			2067	* *			
Metal: Cage/Fence	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roofs								
Explanation : Metal Fence Guard Railing On Roof								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$29,200	2045	* *			
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : East 140th Street								
On-Site Walkways								
Cast in Place Concrete	95%			2037	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	100%	Now	$123,900	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Middle Courtyard Play Area								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Middle Courtyard Play Area								
Explanation : Worn/ Eroded								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1500 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 220- BX P.S. 179, P.S. 369 AND P.S. 17
Asset # : 513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$12,000	5	$100	
Molded Case Bkrs	80%			2031	$191,600	5	$1,900	
Molded Case Bkrs	15%			2040	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$233,400	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2042	* *	1		
Thermoplastic	10%			2032	$29,200	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	88%			2037	* *	10	$72,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2037	* *	10	$8,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$10,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$84,000	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$33,800	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 220- BX P.S. 179, P.S. 369 AND P.S. 17
Asset # : 513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$16,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pullbox, Alarm Bells, Smoke Detectors, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2058	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$89,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. New Renovated Boiler Room.								
Distribution								
Steam Piping/Pump	100%	Now	$36,000	2042	* *			
Broken, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Broken Bearing								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Leaking Hot And Cold Water Piping								
Terminal Devices								
Air Handler	20%	Now	$16,900	2032	$338,700	1	$10,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Blower, Leaking Oil At The Seal								
Convector/Radiator	75%			2037	* *	1	$21,800	
Fan Coil Unit/Heat	5%			2027	$111,600	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Window/Wall Unit	75%	0-2	$12,800	2027	$255,700	1		
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Various Locations. 50 Percent Of Window, Wall Units Are Not Working								
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Various Locations								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,200	

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DEPARTMENT OF EDUCATION - 040
P. S. 220- BX P.S. 179, P.S. 369 AND P.S. 17
Asset # : 513

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2032	$159,700	2	$1,100	
Roof	60%			2027	$104,800	2	$1,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$22,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : When It Rains, Water Backs Up In Rooms 103,104,106,108.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 221 - BK**		
Address	: **791 EMPIRE BLVD @ TROY AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K221**
Program / Asset #	: **BOE0516.000 / 1295**	**Yr Built/Renovated**	: **1940 / 2009**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **1423** **Lot** : **14**	**BIN**	: **3038372**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$122,900	$122,000
Interior Architecture	$942,900	$4,527,200
Electrical		$696,600
Mechanical		$3,287,300
Site Enclosure	$111,000	
Total	**$1,176,900**	**$8,633,200**
Importance Code A	$122,900	$740,800
Importance Code B	$924,100	$7,892,300
Importance Code C	$129,800	
Total	**$1,176,900**	**$8,633,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$52,400			
Interior Architecture	$111,500		$43,800	$5,500
Electrical	$8,400	$6,600	$8,200	$6,800
Mechanical	$51,700	$10,300	$16,200	$10,300
Site Pavements	$13,900			
Total	**$237,800**	**$16,900**	**$68,100**	**$22,600**
Importance Code A	$59,400	$7,000	$7,000	$7,000
Importance Code B	$138,000	$9,900	$61,100	$15,600
Importance Code C	$40,500			
Total	**$237,800**	**$16,900**	**$68,100**	**$22,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$127,600	
Masonry: Granite	5%			LIFE	* *	5	$5,600	
Masonry: Limestone	10%	2-4	$59,100	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	99%			2049	* *	5	$10,500	
Metal Louvers	1%			2042	* *	10	$700	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$45,300	
Masonry: Limestone	7%			LIFE	* *	5-10	$6,300	
Metal Security Bars	3%			2048	* *			
Roof								
Built-Up (BUR)	95%			2041	* *	10	$58,100	
Skylight, Metal/Glass	5%			2059	* *	10	$10,200	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$48,500	
Ceramic Tile	4%			2046	* *	5	$4,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Toilet Rooms								
Quarry Tile	1%			2038	* *	5	$1,700	
Terrazzo	5%			LIFE	* *	5	$8,700	
Vinyl Tile	20%	Now	$122,500	2033	$612,700	3	$8,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	2-4	$391,500	2028	$3,914,500	3	$8,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	40%			2061	* *	5	$83,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$12,100	
Ceramic Tile	5%	0-2	$13,300	2046	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Masonry: Brick	10%			LIFE	* *	10	$2,900	
Plaster	55%	4+	$129,800	LIFE	* *	5	$16,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : At And Near Unit Vents								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Classrooms								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$12,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$107,100	2046	* *	5	$6,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Exposed Struc: Concrete	15%	Now	$124,600	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Exposed Struc: Concrete	35%			LIFE	* *	5-10	$48,500	
Plaster	40%	Now	$67,500	LIFE	* *	5	$27,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2043	* *			
Iron Picket	30%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$111,000	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard And Empire Boulevard Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Asphalt	45%	Now	$10,400	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear Play Yard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Rear Play Yard								
Rubber Matting	25%	Now	$3,400	2038	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Playground								
No Component	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard Area								
Explanation : Turf								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$97,500	5	$200	
Fused Disc Sw	50%			2053	* *	5	$200	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2032	$26,900	5	$200	
Molded Case Bkrs	10%			2032	$18,000	5	$200	
Molded Case Bkrs	75%			2049	* *	5	$1,400	
Wiring								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	90%			2033	$179,600	1		
Motor Controllers								
Locally Mounted	20%			2031	$23,900	5	$100	
Locally Mounted	70%			2046	* *	5	$300	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$63,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2038	* *	10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$8,600	
Exit, Service	50%			2033	$15,300	1		
Exterior Lighting								
HID	15%			2033	$49,700	10		
HID	15%			2038	* *	10		
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$133,300	1	$26,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$43,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$22,000	
Conversion Equipment								
Steam Boiler	100%			2031	$618,900	1	$70,300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	5%	Now	$1,400	2033	$28,400			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Steam Piping/Pump	95%			2033	$540,100			
Terminal Devices								
Air Handler	20%			2028	$267,200	1	$8,800	
Convector/Radiator	50%			2031	$290,300	1	$11,500	
Fan Coil Unit/Heat	30%			2028	$528,100	1	$6,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	65%			2028	$174,800	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,700	
Exhaust Fans								
Interior	100%			2028	$314,900	2	$2,200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$3,600	2031	$181,300	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%	0-2	$6,900	2033	$343,300	4	$7,000	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	10%	0-2	$1,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$4,300	2028	$14,200	4	$1,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2038	* *	1	$4,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$29,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 221 - BK MINISCHOOL**				
Address	: **791 EMPIRE BLVD @ TROY AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K892**
Program / Asset #	: **BOE0516.010 / 1296**			**Yr Built/Renovated**	: **1970 / 2001**
Area Sq Ft	: **9,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jan-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **1423**	**Lot**	: **14**	**BIN**	: **3038372**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$100,700	
Interior Architecture	$144,700	
Electrical		$71,700
Total	**$245,400**	**$71,700**
Importance Code A	$100,700	
Importance Code B	$144,700	$71,700
Total	**$245,400**	**$71,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,500			
Interior Architecture	$123,100		$600	$1,000
Electrical	$800	$800	$1,000	$1,000
Mechanical	$3,500	$500	$1,300	$500
Site Pavements	$2,100			
Total	**$176,000**	**$1,300**	**$2,900**	**$2,400**
Importance Code A	$46,900	$400	$400	$400
Importance Code B	$53,900	$800	$2,500	$2,000
Importance Code C	$75,200			
Total	**$176,000**	**$1,300**	**$2,900**	**$2,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 221 - BK MINISCHOOL
Asset # : 1296

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$4,800	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : South Facade. Foundation								
Metal Panel	95%	Now	$100,700	2053	* *	5	$28,500	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : West Facade								
Windows								
Aluminum	100%			2049	* *	5	$1,700	
Roof								
Metal Panel	100%	Now	$40,800	2046	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Classrooms And Mechanical Room								
Interior								
Floors								
Ceramic Tile	5%	Now	$3,900	2036	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Entry Vestibule								
Vinyl Tile	35%			2038	* *	3	$1,800	
Vinyl Tile 9" X 9"	60%	Now	$144,700	2043	* *	3	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Classrooms								
Interior Walls								
Concrete Masonry Unit	35%	2-4	$37,200	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	65%	2-4	$38,000	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Room 2, Janitor Closet								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$44,000	2038	* *	5	$6,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Corridors, Rooms 17,18,19,29								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 221 - BK MINISCHOOL
Asset # : 1296

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	70%	0-2	$2,100	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	30%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$7,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Molded Case Bkrs	100%			2032	$29,900	5	$200	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$8,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,100	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$12,600	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$16,900	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 221 - BK MINISCHOOL
Asset # : 1296

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2038	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2034	* *	2	$600	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,900	
Exhaust Fans								
Interior	90%			2038	* *	2	$300	
Roof	10%			2033	$1,700	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 221 - Q**		
Address	: **57-40 MARATHON PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q221**
Program / Asset #	: **BOE0858.000 / 1485**	**Yr Built/Renovated**	: **1958 / 2007**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2**		
Block	: **8276** **Lot** : **620**	**BIN**	: **4171759**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$177,400	$52,900
Interior Architecture	$9,193,300	
Electrical	$474,300	$648,700
Mechanical	$875,900	$1,342,500
Site Pavements		$100,700
Total	**$10,721,000**	**$2,144,800**
Importance Code A	$177,400	$741,500
Importance Code B	$10,543,600	$1,403,300
Total	**$10,721,000**	**$2,144,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$30,600	$10,700		$7,800
Interior Architecture	$54,600	$1,900	$1,000	$31,500
Electrical	$900	$2,400	$3,100	$48,500
Mechanical	$60,800	$11,500	$17,400	$48,900
Site Enclosure	$55,300			
Site Pavements	$2,800			
Total	**$205,000**	**$26,500**	**$21,500**	**$136,700**
Importance Code A	$44,400	$18,500	$7,800	$15,800
Importance Code B	$114,500	$8,000	$12,700	$120,900
Importance Code C	$46,100		$1,000	
Total	**$205,000**	**$26,500**	**$21,500**	**$136,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 221 - Q

Asset # : 1485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	68%			LIFE	* *	5	$52,900	
Metal/Glass Curt Wall	30%			LIFE	* *	5	$43,800	
Metal Panel	1%	0-2	$1,000	2042	* *	5	$1,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Double Access Doors In South West Corner								
Wood Overhead Doors	1%	Now	$22,300	2052	* *	5	$1,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Along Marathon Parkway								
Dry Rot/Decay, Extent : Severe, Area Affected : 20%								
Location : Along Marathon Parkway								
Windows								
Aluminum	15%	Now	$3,600	2040	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Womens Bathroom								
Aluminum	84%			2040	* *	5	$21,400	
Metal Louvers	1%			2041	* *	10	$1,600	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$6,900	
Masonry: Limestone	5%	2-4	$3,600	LIFE	* *	5	$700	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Coping Stones								
Metal/Glass Curt Wall	30%			2052	* *	5	$13,400	
Metal Panel	5%			2052	* *	5	$2,200	
Roof								
Built-Up (BUR)	95%	Now	$177,400	2037	* *			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : All Roofs								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Front Entry								
Copper/Terne	5%			2060	* *	10	$6,700	
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$12,900	
Mosaic Tile	3%	2-4	$4,700	2045	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Bathrooms								
Terrazzo	5%			LIFE	* *	5	$3,300	
Vinyl Tile	18%			2037	* *	3	$5,700	
Vinyl Tile 9" X 9"	62%			2027	$9,193,300	3	$26,000	
Wood	5%			2047	* *	5	$7,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 221 - Q

Asset # : 1485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	Now	$2,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Crawlspace								
Ceramic Tile	3%			2041	* *	5	$2,000	
Recent Replace Evident, Extent : N/A, Area Affected : 5%								
Location : Bathrooms And Kitchen								
Concrete Masonry Unit	10%	Now	$12,300	LIFE	* *	5	$2,600	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Fan Room								
Mosaic Tile	1%			LIFE	* *			
Plaster	59%	Now	$18,800	LIFE	* *	5	$11,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : G19 And 2nd Floor Corridor								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	50%			2037	* *	5	$42,000	
Exposed Struc: Concrete	30%			LIFE	* *	5	$3,900	
Plaster	20%	Now	$10,200	LIFE	* *	5	$10,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Front Lobby								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2042	* *			
Iron Picket	15%	Now	$1,300	2067	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Along Marathon Parkway								
Free Standing Walls								
Cast in Place Concrete	60%			2052	* *			
Masonry: Brick	40%	Now	$8,900	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Along Marathon Parkway								
Retaining Walls								
Cast in Place Concrete	39%	Now	$13,900	2052	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Southwest Corner Of Playground At Stairs								
Masonry: Brick	56%	Now	$31,300	2042	* *			
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Base Of Walls Along Marathon Parkway								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Retaining Walls Along Marathon Parkway								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Planter Walls Along Marathon Parkway								
Explanation : Efflorescence								
Masonry: Fieldstone	5%			2042	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 221 - Q

Asset # : 1485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,800	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Secondary Entrances At Marathon Parkway And Stairs								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Front Entry Ramp								
Explanation : Metal Plate Cover Portion Of Ramp								
Activity Yard								
Asphalt	90%			2035	* *			
Rubber Matting	10%			2032	$100,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$195,100	5	$2,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Molded Case Bkrs	90%			2031	$161,700	5	$1,900	
Molded Case Bkrs	10%			2048	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$179,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$400	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 221 - Q

Asset # : 1485

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$68,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	5%			2027	$109,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2032	$66,300	10	$9,500	
Exit, Service	50%			2032	$17,000	1		
Exterior Lighting								
HID	15%			2027	$55,300	10		
No Component	85%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$44,500	1	$8,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$61,100	2042	* *	1-3	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2042	* *	5	$24,500	
Conversion Equipment								
Steam Boiler	100%	4+	$13,800	2030	$688,600	1	$70,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	30%			2027	$446,000	1	$14,700	
Convector/Radiator	70%			2030	$452,200	1	$17,900	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 221 - Q

Asset # : 1485

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$7,500	2027	$149,600	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Computer Room, Nurse Room, Science Classroom.								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,100	
Exhaust Fans								
Interior	80%			2027	$280,300	2	$1,900	
Roof	20%	2-4	$30,700	2042	* *	2	$400	
Corroded, Extent : Moderate, Area Affected : 25%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$201,700	1		
Water Heater With Tanks								
Gas Fired	50%			2031	$8,500	2		
Gas Fired	50%			2027	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$5,600	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Cross Bay								
Sump Pump(s)								
Non-Submersible	100%			2027	$15,800	4	$1,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$32,800	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 222 - BK**		
Address	: **3301 QUENTIN ROAD @E. 33 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K222**
Program / Asset #	: **BOE0517.000 / 1297**	**Yr Built/Renovated**	: **1928 / 2019**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **7706** **Lot** : **1**	**BIN**	: **3212254**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$56,700	$80,700
Interior Architecture	$140,800	$59,300
Electrical	$81,900	$1,151,400
Mechanical		$1,754,700
Total	**$279,500**	**$3,046,200**
Importance Code A	$56,700	$80,700
Importance Code B	$142,600	$2,965,500
Importance Code C	$80,200	
Total	**$279,500**	**$3,046,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,200	$24,300		$7,500
Interior Architecture	$48,300	$25,100	$3,400	$300
Electrical	$1,800	$2,900	$2,900	$19,000
Mechanical	$29,600	$12,900	$20,800	$30,000
Site Enclosure	$3,100			
Site Pavements	$16,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$120,100**	**$69,100**	**$31,100**	**$60,800**
Importance Code A	$26,500	$33,600	$9,300	$17,000
Importance Code B	$64,400	$35,600	$21,800	$43,800
Importance Code C	$29,200			
Total	**$120,100**	**$69,100**	**$31,100**	**$60,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$37,100	
Concrete Masonry Unit	5%	Now	$12,700	LIFE	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Elevator Bulkhead								
Masonry: Brick	85%			LIFE	* *	5	$80,700	
Masonry: Granite	3%	Now	$4,500	LIFE	* *	5	$2,100	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 1%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$1,400	
Windows								
Aluminum	100%			2040	* *	5	$29,300	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Various Windows								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$20,400	
Masonry: Brick	80%			LIFE	* *	5	$14,000	
Metal Rail	5%			2045	* *	5-10	$15,800	
Roof								
Copper/Terne	5%			2047	* *	10	$7,500	
Modified Bitumen	95%			2037	* *	10	$56,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,700	
Ceramic Tile	5%			2041	* *	5	$6,800	
Quarry Tile	5%			2045	* *	5	$10,200	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	58%			2037	* *	3	$29,500	
Vinyl Tile 9" X 9"	2%	Now	$23,900	2042	* *	3	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	15%	0-2	$60,700	2047	* *	5	$19,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$80,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room And Ash Hoist Area								
Ceramic Tile	5%	4+	$5,800	2035	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Marble Panels	5%	Now	$18,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Plaster	50%			LIFE	* *	5	$15,800	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Various Locations								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2045	* *	5	$20,300	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,200	
Plaster	70%			LIFE	* *	5	$59,300	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2042	* *			
Iron Picket	60%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	100%	Now	$3,100	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Handball Court In Activity Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Asphalt	40%	Now	$1,800	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Adjacent To Handicap Ramp								
Cast in Place Concrete	50%			2037	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Asphalt	70%	Now	$14,400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cast in Place Concrete	5%			2045	* *			
Pavers/Stone	5%			2041	* *			
Rubber Matting	5%			2032	$12,200			
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Rear Yard								
Explanation : This Is Actually An Artificial Grass Surface								

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DEPARTMENT OF EDUCATION - 040
P. S. 222 - BK
Asset # : 1297

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$227,600	5	$400	
Raceway								
Conduit	100%			2032	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Fused Knife Sw	25%			2031	$59,900	5	$500	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	5%			2031	$12,000	5	$100	
Molded Case Bkrs	60%			2031	$143,700	5	$1,500	
Wiring								
Braided Cloth	85%			2031	$248,000	1		
Thermoplastic	15%			2032	$43,800	1		
Motor Controllers								
Locally Mounted	50%			2030	$59,700	5	$300	
Motor Control Center	50%			2030	$147,700	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$81,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2037	* *			
Egress Lighting								
Emergency, Service	10%			2032	$5,800	1		
Emergency, Battery	40%			2032	$63,100	10	$9,100	
Exit, Service	40%			2027	$16,200	1		
Exit, Battery	10%			2037	* *	10	$600	
Exterior Lighting								
HID	10%			2032	$43,900	10		
No Component	90%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	$35,300	1	$7,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								

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DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2037	* *	1-3	$11,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	2%			2052	* *	1		
Interruptible Gas/Dual Fuel	98%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 7,500 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$93,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$15,100	2052	* *			
Broken, Extent : Moderate, Area Affected : 5%								
Location : 1 Of 2 Pump Sets Of The Vacuum Pump And Check Valve								
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Condensate Return Tank Pipe Connections								
Terminal Devices								
Air Handler	20%			2032	$353,800	1	$11,600	
Convector/Radiator	50%			2037	* *	1	$15,200	
Fan Coil Unit/Heat	30%			2032	$699,200	1	$9,100	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Window/Wall Unit	80%			2030	$284,900	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Exhaust Fans								
Interior	100%			2032	$416,900	2	$2,900	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Galvanized Steel	80%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$18,800	4	$3,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2042	* *	1-2	$500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 222 - Q**		
Address	: **86-15 37TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q222**
Program / Asset #	: **BOE1028.000 / 13470**	**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **45,800**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1460** **Lot** : **34**	**BIN**	: **4035854**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$79,200
Mechanical		$2,723,400
Total		**$2,802,600**
Importance Code A		$79,200
Importance Code B		$2,723,400
Total		**$2,802,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,000	$28,200		
Interior Architecture	$17,000		$6,800	$2,600
Electrical	$4,500	$54,300	$5,300	$4,500
Mechanical	$50,400	$71,500	$51,500	$38,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$88,900**	**$161,800**	**$71,600**	**$53,800**
Importance Code A	$13,600	$32,800	$4,500	$4,500
Importance Code B	$75,300	$129,000	$67,000	$49,300
Importance Code C				
Total	**$88,900**	**$161,800**	**$71,600**	**$53,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$79,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$28,600	
Windows								
Aluminum	95%	4+	$8,500	2052	* *	5	$4,500	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 2%								
Location : General Office And Room 405								
Metal Louvers	5%	4+	$500	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$12,000	
Metal Security Bars	15%			2065	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$4,700	
Roof								
Built-Up (BUR)	60%			2035	* *	10	$23,300	
Copper/Terne	5%			2065	* *	10	$4,900	
Modified Bitumen	35%			2038	* *	10	$13,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Multipurpose Room								
Explanation : Covered With Rubber Pads								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$2,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$14,900	
Ceramic Tile	5%			2043	* *	5	$3,400	
Quarry Tile	5%			2047	* *	5	$5,100	
Vinyl Tile	80%			2035	* *	3	$20,500	
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$8,800	
Concrete Masonry Unit	40%			LIFE	* *	5	$28,200	
Gypsum Board	25%			LIFE	* *	5	$26,500	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	75%	4+	$17,000	2043	* *	5	$25,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 406								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$8,500	
Metal Panel	5%			LIFE	* *	5	$4,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$14,100	
Generators								
Diesel	100%			2039	* *	1	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 200 Kilowatts.								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$10,200	
Fuel Storage								
Day Tank	20%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$41,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways And Lobby								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10		
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$25,800	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Kitchen, Basement, Toilets								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$45,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	4%	0-2	$700	2050	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump In Boiler Room								
Steam Piping/Pump	96%			2050	* *			
Terminal Devices								
Air Handler	60%			2030	$517,100	1	$17,000	
Convector/Radiator	40%			2035	* *	1	$5,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2030	$675,700	1	$21,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2050	* *	4	$2,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$888,700	1	$28,300	
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$132,600	2	$31,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,500	
Exhaust Fans								
Interior	80%			2030	$162,500	2	$1,100	
Roof	20%			2030	$17,800	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$700	2028	$34,200	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$9,200	4	$1,000	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$1,800	
Backflow Preventer								
Generic	100%			2035	* *	1	$2,800	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : Two Traction Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$23,100	
Sprinkler								
Generic	100%			2050	* *	1-2	$12,800	
Fire Pump								
Generic	100%	0-2	$4,400	2033	$43,700	1	$7,700	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2028	$346,800	1-3	$316,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 223 - Q**		
Address	: **125-20 SUTPHIN BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q223**
Program / Asset #	: **BOE0966.000 / 1183**	**Yr Built/Renovated**	: **1974 / 1998**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12051** **Lot** : **20**	**BIN**	: **4440628**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$137,400	$1,228,700
Interior Architecture	$228,900	
Electrical	$131,700	$1,264,400
Mechanical	$573,300	$3,290,200
Total	**$1,071,300**	**$5,783,300**
Importance Code A	$137,400	$2,169,100
Importance Code B	$933,900	$3,614,200
Total	**$1,071,300**	**$5,783,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$28,200	
Interior Architecture	$67,300		$7,100	$13,200
Electrical	$3,200	$4,600	$26,600	$3,000
Mechanical	$49,800	$22,200	$174,900	$26,200
Site Pavements	$39,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$163,700**	**$30,700**	**$240,700**	**$46,400**
Importance Code A	$10,100	$10,100	$38,500	$10,100
Importance Code B	$116,500	$20,600	$202,200	$36,300
Importance Code C	$37,100			
Total	**$163,700**	**$30,700**	**$240,700**	**$46,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$75,300	
Metal Panel	3%			2051	* *	5-10	$19,400	
Pre-Cast Concrete	17%			LIFE	* *	5	$52,000	
Windows								
Aluminum	98%	Now	$137,400	2047	* *	5	$14,400	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	2%			2040	* *	10	$3,700	
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$8,600	
Masonry: Brick Cavity	20%			LIFE	* *	5	$2,600	
Metal Rail	10%			2036	* *	5-10	$23,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,200	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Roof								
Built-Up (BUR)	95%			2031	$1,014,500	10	$86,900	
Metal Panel	5%			2036	* *	10	$8,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,100	
Mosaic Tile	5%	2-4	$35,500	2036	* *	5	$9,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Boys Bathroom								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 2nd And 3rd Floor Boys Bathroom								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout Bathrooms								
Quarry Tile	5%			2044	* *	5	$11,300	
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	70%	4+	$58,500	2036	* *	3	$39,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 1st Floor And Staircase								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2046	* *	5	$14,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	4%			LIFE	* *			
Ceramic Tile	3%	Now	$21,200	2040	* *	5	$3,800	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Bathrooms								
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,100	
Gypsum Board	5%			LIFE	* *	5	$7,700	
Metal Panel	8%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	44%			LIFE	* *	5	$33,900	
SGFT/Glazed Masonry	24%			LIFE	* *			
Wood	4%			LIFE	* *	5	$41,000	
Ceilings								
AcousTile,Adhered	35%	2-4	$170,400	2036	* *	5	$26,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Struc: Concrete	50%			LIFE	* *	5	$11,800	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%	4+	$5,000	LIFE	* *	5	$9,500	
Deformed/Dented, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Plaster	5%			LIFE	* *	5	$4,700	
Site Enclosure								
Fence/Gates								
Chain Link	65%			2041	* *			
Iron Picket	35%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$22,000	2036	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 147th Street								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$9,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : South Stairs And 147th Street Ramp								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$6,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Trash Area								
Activity Yard								
Asphalt	85%	4+	$1,500	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	15%			2031	$16,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	90%			2031	$234,100	5	$400	
Fused Disc Sw	10%			2051	* *	5		
Raceway								
Conduit	90%			2031	$219,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	80%			2030	$191,600	5	$2,100	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Thermoplastic	90%			2031	$307,700	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$88,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	25%			2026	$42,800	10	$6,200	
Emergency, Battery	25%			2036	* *	10	$6,200	
Exit, Service	25%			2026	$11,000	1		
Exit, Service	25%			2036	* *	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2031	$78,900	1-3	$18,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Cafeteria, Gymnasium, Toilets								
Explanation : Smoke Detectors, Manual Pull Stations, Alarm Bells, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$237,200	5	$31,600	
Conversion Equipment								
Steam Boiler	100%			2029	$889,100	1	$101,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$16,300	2041	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pumps Leaks Badly, Replacement Needed. Basement Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pumps, Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2031	$575,800	1	$18,900	
Convector/Radiator	55%			2029	$458,700	1	$18,100	
Fan Coil Unit/Heat	15%	0-2	$7,600	2026	$379,300	1	$4,400	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2039	* *	1	$18,900	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : 2 Units								
Window/Wall Unit	10%			2026	$38,600	1		
No Component	50%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2041	* *	4	$3,000	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2031	$296,900	1	$18,900	
Fan Coil - 4 Pipe	10%			2026	$194,000	1	$3,300	
No Component	60%							
Heat Rejection								
Dry Cooler	40%			2036	* *	2	$28,400	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,900	
Exhaust Fans								
Interior	75%			2031	$339,300	2	$2,300	
Roof	25%			2026	$49,500	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2041	* *	1		
Galvanized Steel	70%			2036	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
HW Heat Exchanger								
Steam Fired	100%			2031	$493,200	4	$10,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$20,400	4	$2,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$51,400	
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$2,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 224 - BK**		
Address	: **755 WORTMAN AVE. BTWN: CRESCENT ST., HEMLOCK ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K224**
Program / Asset #	: **BOE0519.000 / 2548**	**Yr Built/Renovated**	: **1930 / 2010**
Area Sq Ft	: **125,975**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4529** **Lot** : **133**	**BIN**	: **3346166**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$401,700	$275,500
Interior Architecture	$869,400	$147,100
Electrical		$2,338,900
Mechanical	$377,400	$2,390,200
Site Pavements		$227,700
Total	**$1,648,600**	**$5,379,300**
Importance Code A	$487,400	$1,373,500
Importance Code B	$1,052,100	$4,005,800
Importance Code C	$109,100	
Total	**$1,648,600**	**$5,379,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,500	$27,700		
Interior Architecture	$129,400			$16,500
Electrical	$33,800	$57,400	$25,300	$20,500
Mechanical	$217,900	$47,700	$33,600	$32,000
Site Enclosure	$63,900			
Site Pavements	$23,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$509,900**	**$136,800**	**$62,800**	**$73,000**
Importance Code A	$48,400	$40,500	$12,500	$12,500
Importance Code B	$418,000	$96,300	$50,400	$60,500
Importance Code C	$43,500			
Total	**$509,900**	**$136,800**	**$62,800**	**$73,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$91,200	
Sidewalk Shed in Use, Extent : Light, Area Affected : 75%								
Location : West, South And East Sides								
Masonry: Limestone	10%	Now	$239,400	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West, South And East Sides								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West, South And East Sides								
Explanation : Sidewalk Shed In Place For Crumbling Limestone.								
Windows								
Aluminum	65%	Now	$111,700	2046	* *	5	$11,700	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : 1st And 3rd Floor Window Sills And Headers								
Wood	35%	Now	$50,700	2046	* *	5	$63,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	20%			LIFE	* *	5	$4,000	
Masonry: Brick	60%			LIFE	* *	5	$10,600	
Masonry: Limestone	2%			LIFE	* *	5	$400	
Metal Rail	15%			2043	* *	5-10	$47,900	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	25%			2035	* *	10	$27,700	
Copper/Terne	5%			2058	* *	10	$13,900	
IRMA/Protected Membrane	60%	Now	$31,500	2035	* *			
Expansion Joint Failure, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Expansion Joints								
Modified Bitumen	10%	Now	$6,100	2030	$121,200			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Low Roof Over Kitchen And Main Entrance								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	3%	Now	$10,500	2050	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 75%								
Location : Stair Landings								
Cast in Place Concrete	7%	Now	$22,500	LIFE	* *	5	$28,900	
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room Expansion Joints								
Ceramic Tile	5%	Now	$10,600	2039	* *	5	$4,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Toilet On First Floor Leak Into Basement								
Quarry Tile	5%			2043	* *	5	$14,100	
Terrazzo	5%	2-4	$17,600	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Vinyl Tile	65%	Now	$677,100	2035	* *	3	$46,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$83,200	2040	* *	3	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Stair Landings								
Wood	5%			2058	* *	5	$17,700	
Interior Walls								
Ceramic Tile	15%			2039	* *	5	$29,700	
Concrete Masonry Unit	15%	Now	$55,800	LIFE	* *	5	$11,900	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Bulkhead Stairs								
Gypsum Board	10%			LIFE	* *	5	$11,900	
Plaster	45%			LIFE	* *	5	$26,700	
SGFT/Glazed Masonry	15%	Now	$53,300	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%	Now	$3,000	2043	* *	5	$5,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridors								
AcousTileSusp.Lay-In	30%	Now	$47,000	2043	* *	5	$28,300	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Corridor Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor Throughout								
Exposed Struc: Concrete	20%			LIFE	* *	5	$5,900	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	$147,100			
Gypsum Board	5%	Now	$3,300	LIFE	* *	5	$11,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Toilet								
Metal Panel	5%			LIFE	* *	5	$11,800	
Plaster	25%			LIFE	* *	5	$29,500	
Site Enclosure								
Fence/Gates								
Aluminum Picket	10%	Now	$28,600	2060	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Play Yard								
Chain Link	8%			2050	* *			
Iron Picket	80%			2065	* *			
Masonry: Brick	2%			2040	* *			
Retaining Walls								
Cast in Place Concrete	25%	Now	$3,200	2050	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Loading Dock								
Masonry: Brick	50%	Now	$25,300	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Masonry: Fieldstone	25%	4+	$6,700	2040	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$14,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : At Trees								
On-Site Walkways								
Asphalt	25%			2039	* *			
Cast in Place Concrete	75%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	80%	Now	$8,800	2033	$175,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	20%			2030	$51,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2043	* *	5	$500	
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$500	
Raceway								
Conduit	60%			2030	$146,200	1		
Conduit	40%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5	$100	
Molded Case Bkrs	90%			2038	* *	5	$3,000	
Molded Case Bkrs	5%			2029	$15,000	5	$200	
Wiring								
Braided Cloth	25%			2029	$85,500	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section Of The Building								
Thermoplastic	75%			2040	* *	1		
Motor Controllers								
Locally Mounted	10%			2028	$18,100	5	$100	
Locally Mounted	10%			2035	* *	5	$100	
Motor Control Center	80%			2035	* *	5	$2,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$38,800	
Generators								
Diesel	100%			2033	$138,700	1	$48,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Nickel Cadmium	100%	0-2	$1,500	2026	$2,500	5	$14,000	
Low Electrolyte, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallon Capacity								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	3%			2030	$56,300	10	$3,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby Area								
Fluorescent	95%			2030	$1,784,000	10	$109,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2025	$34,900	2		
LED	1%			2035	* *			
Egress Lighting								
Emergency, Service	5%			2030	$3,900	1		
Exit, Service	90%			2030	$48,900	1		
Exit, Battery	5%			2030	$8,900	10	$400	
Exterior Lighting								
HID	100%	Now	$11,800	2035	* *			
Damaged Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Roof And Building Perimeter								
Alarm								
Security System								
Generic	100%			2035	* *	1	$47,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$77,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	87%			2028	$955,300	1	$108,500	
Steam Boiler	13%	0-2	$85,600	2028	$142,700	1	$14,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Boiler No. 1 Refractory Ring Is Faulty.								
Distribution								
Steam Piping/Pump	100%	0-2	$100,900	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Vacuum Pumps In Basement.								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Steam Mains In Basement								
Terminal Devices								
Air Handler	40%			2035	* *	1	$31,200	
Convector/Radiator	40%	0-2	$41,200	2035	* *	1	$14,600	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : At Pipe Connection To Radiators At Various Locations.								
Fan Coil Unit/Heat	20%	Now	$12,500	2030	$624,700	1	$7,300	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2030	$464,600	1	$14,600	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	40%	Now	$19,100	2025	$190,900	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various								
Explanation : Condensate Back Ups								
No Component	35%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	25%			2040	* *	4	$2,300	
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2035	* *	1	$19,500	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2035	* *	2	$21,900	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$42,100	
No Component	40%							
Exhaust Fans								
Interior	40%			2035	* *	2	$1,500	
Roof	60%	Now	$29,300	2030	$146,700	2	$1,900	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : 50 Percent Motors Are Not Working On Roof Exhaust Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$32,400	2040	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Faulty Stop Valves.								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$31,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Clogged Floor Drain In Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$8,900	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Sump Pump(s)								
Non-Submersible	100%	Now	$5,000	2030	$25,200	4	$2,700	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Motor On 1 Of 3 Units Is Not Working In Basement.								
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$5,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%	Now	$16,900	2030	$56,300	1	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Services. Service No. 1 Off Autumn Street, Service Valves Corroded. Service No 2 Off Hemlock Street, Not In Use.								
Fixtures								
Generic	100%							
Not in Service, Extent : Severe, Area Affected : 2%								
Location : 2 Drinking Fountains In Hallways								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$63,500	
Sprinkler								
No Component	95%							
Generic	5%			2050	* *	1-2	$1,800	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 225 - BK**		
Address	: **1075 OCEAN VIEW AVENUE BTWN: BRIGHTON 12 ST., BRIGHTON**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K225**
Program / Asset #	: **BOE0520.000 / 1299**	**Yr Built/Renovated**	: **1928 / 2005**
Area Sq Ft	: **125,075**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3,4**		
Block	: **8712** **Lot** : **56**	**BIN**	: **3245498**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,062,800	$213,500
Interior Architecture	$267,800	$2,353,600
Electrical	$330,700	$663,000
Mechanical	$1,182,600	$1,025,500
Total	**$2,843,900**	**$4,255,700**
Importance Code A	$1,171,800	$213,500
Importance Code B	$1,539,800	$4,042,100
Importance Code C	$132,200	
Total	**$2,843,900**	**$4,255,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$126,700		$9,700	$9,700
Electrical	$4,700	$4,700	$46,200	$4,500
Mechanical	$69,200	$18,000	$50,100	$18,000
Site Enclosure	$10,000			
Site Pavements	$49,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$264,100**	**$26,600**	**$109,900**	**$36,200**
Importance Code A		$12,400	$12,700	$12,400
Importance Code B	$190,400	$14,300	$97,200	$23,800
Importance Code C	$73,700			
Total	**$264,100**	**$26,600**	**$109,900**	**$36,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$67,200	
Masonry: Brick	85%	Now	$602,300	LIFE	* *	5	$146,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And 4th Floor Gymnasium								
Masonry: Granite	10%			LIFE	* *	5	$12,900	
Windows								
Aluminum	100%	Now	$460,500	2047	* *	5	$24,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Unable To Locate Keys, No Access To Roof								
Roof								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Unable To Locate Keys, No Access To Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	Now	$49,500	LIFE	* *	5	$63,600	
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Electrical Room And Mechanical Room								
Ceramic Tile	5%	Now	$54,600	2034	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%	4+	$18,100	LIFE	* *	5	$7,600	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Vinyl Tile	40%	Now	$42,800	2031	$2,141,700	3	$29,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And 3rd And 4th Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Wood	35%	Now	$80,900	2046	* *	5	$63,600	
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Gymnasiums And Classrooms Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$16,300	2034	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$11,900	
Marble Panels	2%			LIFE	* *			
Plaster	55%	Now	$132,200	LIFE	* *	5	$32,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classrooms 303, 305, 405 And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 303, 305, 405 And Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2036	* *	5	$19,400	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : 4th Floor Classrooms								
Exposed Struc: Concrete	20%			LIFE	* *	5	$6,100	
Plaster	70%			LIFE	* *	5	$84,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Gymnasium								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%	2-4	$10,000	2051	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Along Brighton 12th Street								
Iron Picket	25%			2051	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$25,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$21,800	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	100%	Now	$2,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Courtyard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Courtyard								
Explanation : Currently Not Being Used. Gated Off								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere And One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2031	$195,000	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Disc Sw	10%			2030	$29,900	5	$300	
Molded Case Bkrs	65%			2030	$194,600	5	$2,100	
Molded Case Bkrs	20%			2047	* *	5	$700	
Wiring								
Thermoplastic	80%			2031	$273,500	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Not Accessible	100%							
Generators								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Roof Was Not Accessible								
Batteries								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$103,200	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2036	* *	10	$5,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd And 4th Floor Gymnasiums								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$105,000	10	$15,100	
Exit, Service	50%			2026	$27,000	1		
Exterior Lighting								
HID	20%			2026	$116,700	10	$100	
No Component	80%							
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$14,000	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$23,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$109,000	2044	* *	1	$111,500	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Boiler 1 Of 2								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler 1 Of 2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$50,100	2041	* *			
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Room Thermostats And Valves Throughout								
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Piping In Crawlspace								
Steam Traps Faulty, Extent : Severe, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$23,500	2031	$470,700	1	$13,900	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Steam Coils In Basment								
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Fan Room, Defective Gymnasium Fan Drive System								
Convector/Radiator	60%	Now	$30,700	2036	* *	1	$21,800	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Traps, Thermostats, Basement								
Fan Coil Unit/Heat	20%			2026	$620,200	1	$8,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	Now	$11,800	2026	$236,900	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Locations, Multiple Mechanical Defects								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,700	
Exhaust Fans								
Interior	100%	Now	$166,400	2031	$554,700	2	$3,100	
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : Basement Fan Room, Defective Gymnasium And Auditorium Exhaust Fan Motor Starter								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement								
Explanation : Odor Smell								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2026	$17,100	2		
Corroded, Extent : Severe, Area Affected : 30%								
Location : Bottom Of The Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2041	* *	1-5	$15,800	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 225 - Q**		
Address	: **190 BEACH 110 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q225**
Program / Asset #	: **BOE0859.000 / 167**	**Yr Built/Renovated**	: **1964 / 2005**
Area Sq Ft	: **76,229**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **16181** **Lot** : **1**	**BIN**	: **4303853**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$716,500	$278,900
Interior Architecture	$12,873,600	
Electrical	$242,100	$504,300
Mechanical	$189,000	$1,544,000
Total	**$14,021,200**	**$2,327,200**
Importance Code A	$716,500	$278,900
Importance Code B	$13,185,400	$2,048,300
Importance Code C	$119,200	
Total	**$14,021,200**	**$2,327,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,100			$1,400
Interior Architecture	$121,200	$2,900		$9,900
Electrical	$900	$2,400	$3,100	$45,500
Mechanical	$17,800	$10,500	$16,800	$10,500
Site Enclosure	$5,900			
Site Pavements	$3,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$197,500**	**$19,700**	**$23,800**	**$71,300**
Importance Code A	$51,700	$7,500	$7,500	$9,000
Importance Code B	$60,600	$12,100	$16,300	$62,300
Importance Code C	$85,200			
Total	**$197,500**	**$19,700**	**$23,800**	**$71,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%	Now	$100,100	LIFE	* *	5	$83,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Horizontal Banding At Base Of Columns. Facades Of East And West Wing								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Horizontal Banding At Base Of Columns. East And West Facades								
Masonry: Brick	80%	Now	$367,200	LIFE	* *	5	$89,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : West Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	5%	Now	$7,400	2042	* *	5	$10,500	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : East Facade Of West Wing								
Seams Open/Split, Extent : Severe, Area Affected : 15%								
Location : Flashing Cap At Ledge Above Columns								
Windows								
Aluminum	97%	Now	$151,100	2048	* *	5	$15,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 2nd, 3rd Floor And Cafeteria Windows								
Metal Louvers	3%			2041	* *	10	$6,100	
Parapets								
Cast in Place Concrete	70%			LIFE	* *	5	$106,000	
Metal Panel	5%			2042	* *	5	$2,800	
Metal Rail	25%	Now	$24,600	2037	* *	5	$26,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
Copper/Terne	10%	Now	$12,100	2047	* *			
Drains Clogged, Extent : Moderate, Area Affected : 15%								
Location : Roof Over Cafeteria								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Roof Over Cafeteria								
IRMA/Protected Membrane	90%	Now	$98,100	2037	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : At Roof Penetrations. Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Bulkheads								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$17,900	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,000	
Mosaic Tile	5%	0-2	$26,800	2037	* *	5	$7,100	
Uneven Surface, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Boys Bathroom								
Terrazzo	2%			LIFE	* *	5	$1,800	
Vinyl Tile	20%			2040	* *	3	$8,600	
Vinyl Tile 9" X 9"	62%			2027	$12,485,000	3	$35,400	
Wood	1%			2047	* *	5	$2,100	
Interior Walls								
Cast in Place Concrete	8%	Now	$62,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation Walls In Paint Room. Basement								
Cast in Place Concrete	7%			LIFE	* *			
Ceramic Tile	5%	Now	$56,600	2035	* *	5	$5,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms And Kitchen								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms And Kitchen								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms And Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,200	
Glazed Ceramic Panel	5%	4+	$15,800	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Base Of Walls In Vestibule Outside Of Auditorium								
Plaster	45%	Now	$45,100	LIFE	* *	5	$27,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
SGFT/Glazed Masonry	5%	Now	$18,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Entry Lobby								
SGFT/Glazed Masonry	15%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$83,200	2037	* *	5	$16,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Exposed Struc: Concrete	60%	Now	$186,100	LIFE	* *	5	$9,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$6,500	
Plaster	10%	Now	$6,300	LIFE	* *	5	$6,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads. Stair B And D								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2052	* *			
Iron Picket	70%	2-4	$4,400	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fencing								
Explanation : Picket Fence On Top Of Concrete Freestanding Wall								
Free Standing Walls								
Cast in Place Concrete	100%	Now	$1,400	2052	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Base Of Perimeter Picket Fencing								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Rubber Matting	20%			2037	* *			
Traffic Topping	80%	0-2	$3,500	2037	* *			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2058	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2058	* *	5	$300	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2058	* *	1		
Panelboards								
Fused Disc Sw	5%			2054	* *	5	$100	
Fused Disc Sw	15%			2031	$26,900	5	$300	
Molded Case Bkrs	80%			2031	$143,700	5	$1,600	
Wiring								
Braided Cloth	65%	2-4	$129,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2058	* *	1		
Thermoplastic	30%			2032	$59,900	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$400	
Locally Mounted	20%			2049	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	97%			2040	* *	10	$67,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$9,200	
Exit, LED	50%			2067	* *	1		
Exterior Lighting								
HID	15%			2027	$53,400	10		
LED	15%			2040	* *			
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
No Component	95%							
Generic	5%			2035	* *	5		
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$42,900	1	$8,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$59,000	2042	* *	1-3	$12,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2058	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$75,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	0-2	$6,100	2042	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Live Steam Coming Back Although All Steam Traps Have Been Replaced 3 Years Ago.								
Steam Piping/Pump	95%			2032	$579,900			
Terminal Devices								
Air Handler	20%			2032	$286,900	1	$9,400	
Convector/Radiator	70%			2030	$436,300	1	$17,200	
Fan Coil Unit/Heat	10%			2027	$189,000	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lunch Area								
Explanation : Under Repairing								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2030	$173,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,500	
Exhaust Fans								
Interior	20%			2032	$67,600	2	$500	
Roof	60%			2040	* *	2	$1,400	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$2,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$31,600	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 226 - BX VAN CARPENTER**		
Address	: **1910 SEDGWICK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X827**
Program / Asset #	: **BOE1174.000 / 14920**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **31,413**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3222** **Lot** : **100**	**BIN**	: **2096465**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$66,800
Electrical		$648,500
Mechanical		$2,139,500
Site Pavements	$110,800	$202,000
Total	**$110,800**	**$3,056,700**
Importance Code A		$66,800
Importance Code B	$110,800	$2,989,900
Total	**$110,800**	**$3,056,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$149,500		$5,800	
Interior Architecture	$92,100		$27,900	$2,900
Electrical	$6,700	$5,100	$8,000	$5,700
Mechanical	$108,700	$44,000	$89,500	$83,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$360,900**	**$53,100**	**$135,200**	**$96,500**
Importance Code A	$152,600	$3,100	$8,900	$3,100
Importance Code B	$143,000	$50,000	$126,300	$90,400
Importance Code C	$65,300			$2,900
Total	**$360,900**	**$53,100**	**$135,200**	**$96,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX VAN CARPENTER
Asset # : 14920

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$16,700	
Masonry: Brick Cavity	58%			LIFE	* *	5	$61,900	
Masonry: Fieldstone	15%			LIFE	* *	5	$12,000	
Metal Panel	25%			2053	* *	5-10	$91,800	
Windows								
Aluminum	98%	4+	$39,500	2049	* *	5	$4,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20% Location : Throughout								
Metal Louvers	2%			2042	* *	10	$1,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$29,600	
Masonry: Brick Cavity	65%			LIFE	* *	5-10	$46,300	
Metal Panel	20%			2053	* *	5	$8,100	
Metal Rail	5%			2046	* *	5-10	$9,400	
Roof								
Metal Panel	15%			2038	* *	10	$9,100	
Modified Bitumen	50%	4+	$3,600	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5% Location : 3rd Floor								
Play Surface	33%			2038	* *	10	$10,900	
Skylight, Plastic	2%			2046	* *	1		
Soffits								
Metal Panel	95%			2053	* *	5-10	$6,200	
Stucco Cement	5%			2046	* *	5	$100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$20,600	
Quarry Tile	5%			2046	* *	5	$3,500	
Terrazzo	10%			LIFE	* *	5	$7,300	
Vinyl Tile	75%			2038	* *	3	$13,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$14,600	
Ceramic Tile	5%			2042	* *	5	$5,800	
Concrete Masonry Unit	45%			LIFE	* *	5	$42,000	
Gypsum Board	5%			LIFE	* *	5-10	$9,900	
SGFT/Glazed Masonry	40%			LIFE	* *	10	$23,300	
Ceilings								
AcousTileConcealSpLn	30%			2046	* *	5	$17,600	
AcousTileSusp.Lay-In	55%			2046	* *	5	$25,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$4,700	
Gypsum Board	5%			LIFE	* *	5-10	$8,100	
Metal Panel	5%			LIFE	* *	5	$5,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX VAN CARPENTER
Asset # : 14920

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$110,800	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Osborne Place								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Osborne Place								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Osborne Place								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Rubber Matting	100%			2033	$202,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$100	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$800	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2038	* *	5	$100	
Motor Control Center	50%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$9,700	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX VAN CARPENTER
Asset # : 14920

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2036	* *	1	$12,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 150 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$1,200	
Fuel Storage								
Day Tank	40%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 96 Gallons Rated Capacity								
Main Tank	60%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$421,400	10	$25,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2033	$87,000			
Egress Lighting								
Emergency, Service	50%			2033	$9,700	1		
Exit, Service	50%			2033	$6,800	1		
Exterior Lighting								
HID	30%			2033	$44,000	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$59,000	1	$11,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$81,000	1-3	$19,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX VAN CARPENTER
Asset # : 14920

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$31,100	
Distribution								
Steam Piping/Pump	100%			2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Two Vacuum Pump Leaking								
Steam Traps Faulty, Extent : Moderate, Area Affected : 80%								
Location : Various Location. 80% Steam Traps Leaking								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Heat Exchanger For Glycol								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2029	$640,500	1	$34,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers In Basement								
Distribution								
CW & CHW Wtr Pipe/Pump	50%	Now	$1,300	2033	$25,400	4	$800	
Broken, Extent : Moderate, Area Affected : 30%								
Location : 1 Of 3 Glycol Pumps In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors								
Explanation : Glycol								
Ductwork/Diffusers	50%			LIFE	* *	2	$25,500	
Terminal Devices								
Air Handler/Cool/Ht	50%			2028	$304,800	1	$9,700	
Fan Coil - 2 Pipe	50%			2028	$479,200	1	$5,100	
Heat Rejection								
Dry Cooler	100%			2028	$144,200	2	$21,900	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Supply Handle Of Heat Rejection Piping								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,700	
Exhaust Fans								
Roof	100%			2028	$61,000	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX VAN CARPENTER
Asset # : 14920

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2026	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 175 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,100	2033	$6,300	4	$700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement. Sump Pump Is Not Working								
Sewage Ejector(s)								
Electric	100%			2028	$16,400	4	$1,900	
Backflow Preventer								
Generic	100%			2033	$14,000	1	$1,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Passenger Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$15,800	
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$2,200	
Chemical System								
Generic	100%			2028	$510,000	1-3	$505,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Exhaust, 125 Square Foot Fire Suppression System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 226 - BK**		
Address	: **6006 23 AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K226**
Program / Asset #	: **BOE0521.000 / 1300**	**Yr Built/Renovated**	: **1930 / 2005**
Area Sq Ft	: **108,275**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6549** **Lot** : **24**	**BIN**	: **3172071**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$918,000	$275,800
Interior Architecture	$2,388,500	$7,044,400
Electrical	$205,100	$1,497,500
Mechanical	$229,800	$7,730,700
Site Pavements		$84,700
Total	**$3,741,400**	**$16,633,100**
Importance Code A	$918,000	$1,260,600
Importance Code B	$2,105,400	$15,372,500
Importance Code C	$718,000	
Total	**$3,741,400**	**$16,633,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$11,300			
Interior Architecture	$197,100			$9,200
Electrical	$50,300	$10,300	$11,400	$12,400
Mechanical	$135,200	$15,500	$26,100	$15,500
Site Enclosure	$84,600			
Site Pavements	$49,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$531,500**	**$29,700**	**$41,400**	**$41,000**
Importance Code A	$22,000	$10,700	$10,700	$10,700
Importance Code B	$293,000	$19,000	$30,700	$30,300
Importance Code C	$216,500			
Total	**$531,500**	**$29,700**	**$41,400**	**$41,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$176,600	
Masonry: Brick	85%	Now	$395,500	LIFE	* *	5	$96,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Auditorium Around Windows								
Masonry: Granite	5%			LIFE	* *	5	$8,500	
Windows								
Aluminum	100%	Now	$364,500	2049	* *	5	$19,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Parapets								
Masonry: Brick	93%			LIFE	* *	5-10	$81,700	
Masonry: Limestone	5%			LIFE	* *	5-10	$7,800	
Metal Panel	2%			2053	* *	5	$1,000	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$91,400	
Copper/Terne	5%			2061	* *	10	$12,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	18%	0-2	$50,100	LIFE	* *	5	$64,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Cast in Place Concrete	2%			LIFE	* *	5	$14,300	
Ceramic Tile	5%	Now	$23,000	2042	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Staff Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Terrazzo	4%	2-4	$30,600	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout 1st Floor								
Terrazzo	1%			LIFE	* *	5	$2,600	
Vinyl Tile	25%	Now	$112,900	2033	$1,129,100	3	$15,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, 1st Floor Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, 1st Floor Corridor And Classrooms Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Cafeteria, 1st Floor Corridor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Throughout								
Uneven Substrate, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	0-2	$1,154,100	2028	$5,770,700	3	$12,300	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 3rd And 4th Floor Corridors								
Wood	25%			2048	* *	5	$76,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$122,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Along 23rd Avenue								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Along 23rd Avenue								
Ceramic Tile	5%	Now	$44,100	2036	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Staff Toilets Throughout								
Masonry: Brick	15%			LIFE	* *	10	$14,400	
Marble Panels	5%			LIFE	* *	10	$6,400	
Plaster	32%	Now	$249,900	LIFE	* *	5	$30,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Auditorium, Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Cafeteria								
Plaster	18%			LIFE	* *	5-10	$49,100	
SGFT/Glazed Masonry	12%	4+	$346,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	8%			LIFE	* *	10	$12,800	
Ceilings								
AcousTile,Adhered	5%	Now	$12,600	2038	* *	5	$3,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Library								
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Library								
Exposed Struc: Concrete	15%	Now	$175,400	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : At Sidewalk Hatch								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Sidewalk Hatch								
Metal Panel	5%	4+	$12,900	LIFE	* *	5	$9,800	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	75%	Now	$178,000	LIFE	* *	5	$73,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair C, Classroom 424 And Throughout								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$42,500	2053	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Along 60th Street								
Iron Picket	25%	0-2	$30,900	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$11,200	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Exit Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	55%			2036	* *			
Cast in Place Concrete	45%			2046	* *			
Parking/Driveway								
Asphalt	100%	0-2	$33,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Activity Yard								
Asphalt	65%	0-2	$15,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	20%			2046	* *			
Rubber Matting	15%			2033	$84,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2033	$41,100	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 200 Ampere Emergency Lighting Switch								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$208,100	5	$400	
Fused Disc Sw	20%			2059	* *	5	$100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	80%			2032	$191,600	5	$2,300	
Molded Case Bkrs	10%			2055	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : AC Panelboards Throughout The Building								
Wiring								
Braided Cloth	60%	0-2	$205,100	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	$102,600	1		
Thermoplastic	10%			2059	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$145,200	5	$600	
Variable Frequency Drive	20%			2053	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2038	* *	10	$91,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2028	$64,600	10	$4,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
HID	2%			2028	$25,600	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : HID Lights								
LED	2%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Location Noted								
Egress Lighting								
Emergency, Battery	50%			2028	$90,900	10	$13,100	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	5%			2028	$25,300	10		
LED	3%			2041	* *			
LED	2%	Now	$11,600	2043	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : LED Light Malfunction								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$203,300	1	$40,400	
Fire/Smoke Detection								
Generic, Analog	50%			2028	$139,600	1-3	$34,400	
Generic, Digital	50%			2041	* *	1-3	$33,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	$248,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Oil Tank Room								
Explanation : 1 Tank, No.2 Oil, 7,500 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2031	$943,700	1	$107,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 2 Units, 7,746 Mbh Gross Each								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$23,900	
Steam Piping/Pump	75%	Now	$13,000	2033	$650,300			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room: Vacuum Pump Defective								
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout: Steam Traps Replaced								
Terminal Devices								
Air Handler	20%			2028	$407,500	1	$13,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement Fan Area								
Convector/Radiator	57%			2031	$504,700	1	$19,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	20%			2028	$536,900	1	$7,000	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Various Locations - Unit Ventilators								
Unit Heater - Steam	3%	Now	$18,500	2043	* *	4	$300	
Broken, Extent : Light, Area Affected : 100%								
Location : Toilet Rooms 356, 358								
Controls								
Digital	90%			2033	$2,798,700			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Pneumatic	10%	Now	$4,200	2027	$209,300			
Leaking, Extent : Light, Area Affected : 10%								
Location : Room 105 - Leaking Air At Abandoned Thermostat								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Various Locations								
Explanation : Old Pneumatic Thermostats Left In Place In Same Rooms Where New Building Management System Thermostats Were Installed. Few Pneumatic Controllers Are In Use.								
Air Conditioning								
Energy Source								
Electricity	100%			2058	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout. Various Power Outlets For Window A/C To Be Installed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	3%	Now	$3,900	2038	* *			
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Telecom Room 455								
Window/Wall Unit	82%			2032	$336,300	1		
Window/Wall Unit	5%			2026	$20,500	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Auditorium, Other Locations								
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 3rd Floor - Gymnasium								
Explanation : Location Observed								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,600	
Exhaust Fans								
Interior	80%			2028	$384,200	2	$2,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement Fan Area								
Interior	20%			2043	* *	2	$700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Fan Area - 2 Units Replaced								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	$695,300	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement Fan Area - Hydraulic Pressure Booster								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Brass/Copper	50%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room (1 Of 2)								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room (1 Of 2)								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 275 Mbh Input, 120 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$27,300	LIFE	* *	1		
Damaged, Extent : Moderate, Area Affected : 1%								
Location : Basement - Boiler Room - Boiler Rpz Drain Pipe								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$7,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room - Area Way Drain By Water Heaters								
Sump Pump(s)								
Non-Submersible	100%			2028	$21,700	4	$3,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, 3rd Floor Corridor								
Explanation : Drinking Fountain / Bottle Filler Defective								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2033	$224,600	1-2	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 226 - BX MINISCHOOL & GYM.**		
Address	: **1950 SEDGWICK AVENUE @ W.179 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X826**
Program / Asset #	: **BOE0997.000 / 4491**	**Yr Built/Renovated**	: **1989 / 1996**
Area Sq Ft	: **28,930**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3222** **Lot** : **100**	**BIN**	: **2096465**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$564,700	
Interior Architecture		$187,700
Mechanical		$700,900
Site Pavements	$169,500	
Total	**$734,300**	**$888,600**
Importance Code A	$564,700	$36,000
Importance Code B	$169,500	$738,100
Importance Code C		$114,500
Total	**$734,300**	**$888,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,600	$13,300		
Interior Architecture		$18,100	$3,500	
Electrical	$5,800	$28,200	$3,100	$2,800
Mechanical	$13,300	$28,800	$11,100	$6,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$39,700**	**$92,400**	**$21,700**	**$12,700**
Importance Code A	$18,600	$15,400	$2,000	$2,000
Importance Code B	$21,100	$77,000	$19,700	$10,700
Importance Code C				
Total	**$39,700**	**$92,400**	**$21,700**	**$12,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX MINISCHOOL & GYM.
Asset # : 4491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$23,700	
Masonry: Brick	70%	4+	$54,600	LIFE	* *	5	$33,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Below Window Sills And Gutters West Facade								
Masonry: Fieldstone	5%			LIFE	* *	5	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West Facade								
Explanation : This Component Is Actually A Thin Stone Veneer								
Metal Panel	15%			2040	* *	5-10	$48,800	
Windows								
Aluminum	95%	Now	$400,700	2055	* *	5	$4,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Metal Louvers	5%			2033	$24,500	10	$2,800	
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Metal Panel	70%	Now	$109,500	2050	* *	5	$2,600	1
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Deformed/Dented, Extent : Severe, Area Affected : 15%								
Location : Soffits And Gutters Throughout								
Miss/Damaged Copings, Extent : Severe, Area Affected : 10%								
Location : East Facade, Courtyard Playground								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Referring To Built Out Metal Soffits At Perimeter Of Metal Seam Roofs								
Metal Rail	5%			2043	* *	5-10	$1,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX MINISCHOOL & GYM.
Asset # : 4491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Metal Panel	50%	Now	$13,900	2035	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Gutters Clog Easily - Unable To Clean Effectively								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Connecting Corridor With East Wing								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : All Roofs								
Explanation : Paint Peeling								
Metal Panel	10%	4+	$2,800	2047	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Metal Roof At Perimeter								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : North End Of Building								
Explanation : New Gymnasium								
Modified Bitumen	30%			2038	* *	10	$28,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Skylight, Metal/Glass	10%			2040	* *	10	$31,800	
Soffits								
Alum/Vinyl Siding	80%			2050	* *	10	$1,200	
Stucco Cement	20%			2043	* *	5	$2,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$9,500	
Ceramic Tile	3%			2033	$73,200	5	$1,300	
Ceramic Tile	2%			2043	* *	5	$900	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : New Gymnasium								
Panel/Paver: Cer/Brk	5%			2038	* *	5	$4,900	
Quarry Tile	2%			2035	* *	5	$1,300	
Terrazzo	3%			LIFE	* *	5	$1,000	
Vinyl Tile	65%			2035	* *	3	$10,600	
Wood	10%			2065	* *	5	$8,100	
Interior Walls								
Ceramic Tile	3%			2033	$114,500	5	$2,100	
Concrete Masonry Unit	45%			LIFE	* *	5	$12,500	
Gypsum Board	30%			LIFE	* *	5	$12,500	
Masonry: Brick	2%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX MINISCHOOL & GYM.
Asset # : 4491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%			2035	* *	5	$10,300	
AcousTileSusp.Lay-In	40%			2035	* *	5	$16,500	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$10,300	
Metal Panel	5%			LIFE	* *	5	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Metal Decking								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$169,500	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Osborne Place Near West 179th Street								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Osborne Place Near West 179th Street								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Osborne Place Near West 179th Street								
On-Site Walkways								
Cast in Place Concrete	98%			2043	* *			
Pavers/Stone	2%			2039	* *			
Activity Yard								
Rubber Matting	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement In 1996 Building								
Explanation : One 2,000 Amperes								
Fused Disc Sw	40%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement In 1989 Building								
Explanation : Two 800 Ampere Main Disconnect Switches								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX MINISCHOOL & GYM.
Asset # : 4491

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	40%			2050	* *	5	$100	
Fused Disc Sw	60%			2040	* *	5	$100	
Raceway								
Conduit	40%			2050	* *	1		
Conduit	5%			2060	* *	1		
Conduit	55%			2040	* *	1		
Panelboards								
Fused Disc Sw	3%			2046	* *	5		
Fused Disc Sw	7%			2038	* *	5		
Molded Case Bkrs	30%			2046	* *	5	$200	
Molded Case Bkrs	5%			2055	* *	5		
Molded Case Bkrs	55%			2038	* *	5	$400	
Wiring								
Thermoplastic	35%			2050	* *	1		
Thermoplastic	5%			2060	* *	1		
Thermoplastic	60%			2040	* *	1		
Motor Controllers								
Locally Mounted	15%			2035	* *	5		
Locally Mounted	5%			2050	* *	5		
Motor Control Center	80%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$200	
Generic	50%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$8,900	
Generators								
Diesel	100%			2039	* *	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement In 1996 Building								
Explanation : One 100 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$1,100	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement In 1996 Building								
Explanation : One 70 Gallons								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement In 1996 Building								
Explanation : One 300 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX MINISCHOOL & GYM.
Asset # : 4491

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$25,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, LED	5%			2070	* *	1		
Exit, Service	45%			2035	* *	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$16,300	1	$3,200	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$5,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	60%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Interruptible Gas/Dual Fuel	40%			2050	* *	1		
Conversion Equipment								
Furnace	40%			2030	$36,000	1	$5,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : North Wing 1st Floor Mechanical Room								
Explanation : 3 Gas Fired Units For The North Wing								
Furnace	20%			2038	* *	1	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Gymnasium Roof								
Explanation : 2 Units For The New Gymnasium								
Steam Boiler	40%			2043	* *	1	$11,500	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers. 2 Heat Exchangers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX MINISCHOOL & GYM.
Asset # : 4491

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2038	* *	4	$300	
Steam Piping/Pump	20%	0-2	$2,300	2040	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Various Locations								
No Component	60%							
Terminal Devices								
Air Handler	20%			2030	$108,900	1	$3,600	
Convector/Radiator	20%			2035	* *	1	$1,900	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	60%			2030	$256,100	1	$8,100	
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : 2 Units, Basement								
Window/Wall Unit	10%			2025	$11,000	1		
No Component	30%							
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2040	* *	4	$1,300	
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2030	$235,800	1	$10,700	
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	60%			2030	$35,200	2	$12,100	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$2,500	LIFE	* *	2-5	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room Louver								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$14,500	
Exhaust Fans								
Interior	50%			2030	$64,200	2	$400	
Roof	50%			2035	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 226 - BX MINISCHOOL & GYM.
Asset # : 4491

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	50%			2030	$11,800	4		
Gas Fired	50%	0-2	$200	2025	$8,500	2		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Bottom Of The Unit, Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$5,800	4	$600	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$1,200	
Backflow Preventer								
Generic	100%			2035	* *	1	$1,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$14,600	
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$800	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 228 - Q**		
Address	: **32-63 93RD STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q228**
Program / Asset #	: **BOE1018.000 / 13445**	**Yr Built/Renovated**	: **2001 /**
Area Sq Ft	: **53,775**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **1423** **Lot** : **57**	**BIN**	: **4034892**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$260,900	$274,000
Interior Architecture	$485,200	
Electrical		$1,033,300
Mechanical	$1,039,300	$719,000
Total	**$1,785,400**	**$2,026,300**
Importance Code A	$260,900	$274,000
Importance Code B	$1,524,500	$1,752,200
Total	**$1,785,400**	**$2,026,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$53,200			
Interior Architecture	$105,100		$8,800	$11,800
Electrical	$25,400	$8,800	$11,900	$9,800
Mechanical	$130,100	$34,900	$45,500	$53,000
Site Enclosure	$4,400			
Site Pavements	$400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$326,500**	**$51,600**	**$74,000**	**$82,500**
Importance Code A	$76,600	$5,300	$5,300	$5,300
Importance Code B	$204,600	$46,200	$68,700	$74,700
Importance Code C	$45,300			$2,500
Total	**$326,500**	**$51,600**	**$74,000**	**$82,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	96%			LIFE	* *	5	$134,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$9,100	
Window Wall	2%			2053	* *	5	$5,300	
Windows								
Aluminum	98%	Now	$45,200	2049	* *	5	$4,700	
Air Infiltration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : First Floor Exterior								
Explanation : Window Screens Rusting On First Floor								
Metal Louvers	2%			2042	* *	10	$1,200	
Parapets								
Masonry: Brick Cavity	93%	4+	$3,100	LIFE	* *	5	$600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Rail	2%	4+	$100	2046	* *	5	$100	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Penthouse Roof								
Pre-Cast Concrete	5%			LIFE	* *	5	$400	
Roof								
Built-Up (BUR)	50%			2033	$206,700	10	$17,700	
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : Around Drain On Main Roof								
Modified Bitumen	50%	Now	$193,600	2043	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Penthouse Roof								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Penthouse Roof								
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Penthouse Roof								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$52,800	
Ceramic Tile	5%			2042	* *	5	$4,000	
Quarry Tile	2%			2046	* *	5	$2,400	
Sheet Vinyl/Rubber	5%			2038	* *	5	$6,000	
Vinyl Tile	73%	0-2	$324,600	2038	* *	3	$22,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	7%			2042	* *	5	$5,000	
Concrete Masonry Unit	40%			LIFE	* *	5	$22,700	
Glass Block	5%			LIFE	* *	10	$1,400	
Gypsum Board	25%			LIFE	* *	5-10	$30,200	
SGFT/Glazed Masonry	23%			LIFE	* *	10	$8,200	
Ceilings								
AcousTileConcealSpLn	15%			2046	* *	5	$15,100	
AcousTileSusp.Lay-In	60%	0-2	$160,600	2038	* *	5	$24,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 3%								
Location : Staining Of Ceiling Tile In The Cafeteria								
Ceramic Tile	1%			LIFE	* *	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Location Noted.								
Exposed Struc: Steel	10%			LIFE	* *	10	$16,100	
Gypsum Board	10%			LIFE	* *	5-10	$27,700	
Metal Panel	4%			LIFE	* *	5	$8,000	
Site Enclosure								
Fence/Gates								
Chain Link	70%	4+	$3,700	2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	30%	0-2	$700	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Rusting In Several Areas								
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cracking At Back Exit								
Activity Yard								
Cast in Place Concrete	40%			2038	* *			
Rubber Matting	60%			2033				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$16,500	
Generators								
Diesel	100%			2036	* *	1	$20,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Enclosure								
Explanation : Emergency Generator Rated At 230 Kilowatts								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$12,000	
Fuel Storage								
Day Tank	20%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Generator Enclosure								
Explanation : 50 Gallon Capacity								
Main Tank	80%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	89%			2033	$713,400	10	$43,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2033	$80,200	10	$4,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors, Library								
HID	1%	Now	$3,800	2038	* *			
Damaged Fixtures, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
Egress Lighting								
Emergency, Service	50%			2033	$16,600	1		
Exit, Service	50%			2033	$11,600	1		
Exterior Lighting								
HID	10%	Now	$5,000	2033	$25,100			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Main Entrance Canopy								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$100,900	1	$20,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$138,700	1-3	$34,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$23,400	2046	* *	1	$47,900	
Leak Evident, Extent : Moderate, Area Affected : 80%								
Location : Fuel Oil Pipe And The Chemical Feed Tank								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Louvers For Boiler No. 1 Make Up Air Are Forced Open, Do Not Close								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$8,600	2053	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In The Boiler Room								
Terminal Devices								
Air Handler	60%			2038	* *	1	$20,000	
Convector/Radiator	35%			2046	* *	1	$6,100	
Fan Coil Unit/Heat	5%			2038	* *	1	$900	
Controls								
Pneumatic	100%			2027	$1,039,300			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%	0-2	$14,300	2038	* *	1	$20,200	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Chiller 2								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : Rotary Screw Type								
Split Unit	10%			2033	$127,700			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2053	* *	4	$4,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$33,300	
Heat Rejection								
Air Cooled Condenser Unit	100%			2028	$155,700	2	$37,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,500	
Exhaust Fans								
Interior	80%			2033	$190,800	2	$1,300	
Roof	20%			2033	$20,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$3,500	2053	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 100%								
Location : High Pressure Issue Constantly, Basement								
Brass/Copper	90%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallon Unit. Quantity 1.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,100	
Sewage Ejector(s)								
Electric	100%	Now	$11,300	2033	$28,200	4	$2,100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement Unit Broken, A Temp Unit Is Being Used								
Backflow Preventer								
No Component	50%							
Generic	50%			2038	* *	1	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Sprinkler Main								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From Cellar To 3rd Floor, One Unit From 1st Floor To 3rd Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$27,100	
Sprinkler								
Generic	100%			2053	* *	1-2	$15,100	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 60 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 229 - BK**		
Address	: **1400 BENSON AVENUE @14TH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K229**
Program / Asset #	: **BOE0524.000 / 1301**	**Yr Built/Renovated**	: **1932 / 2010**
Area Sq Ft	: **101,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **6391** **Lot** : **24**	**BIN**	: **3167212**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$340,300	$558,500
Interior Architecture	$164,600	$1,164,100
Electrical		$389,700
Mechanical		$2,009,500
Total	**$504,900**	**$4,121,800**
Importance Code A	$340,300	$652,700
Importance Code B	$70,500	$3,417,800
Importance Code C	$94,100	$51,300
Total	**$504,900**	**$4,121,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$130,800			
Interior Architecture	$99,700	$42,500	$29,600	$7,500
Electrical	$20,700	$16,400	$19,000	$19,300
Mechanical	$79,600	$63,300	$46,400	$37,400
Site Pavements	$5,100			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$347,800**	**$134,100**	**$106,700**	**$76,000**
Importance Code A	$139,300	$8,500	$8,500	$8,500
Importance Code B	$169,300	$123,400	$89,500	$67,500
Importance Code C	$39,200	$2,200	$8,700	
Total	**$347,800**	**$134,100**	**$106,700**	**$76,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$154,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Addition, 2010								
Explanation : Recent Construction								
Masonry: Brick	15%			LIFE	* *	5	$46,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Old Wing								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Masonry: Brick	60%			LIFE	* *	5	$185,300	
Masonry: Granite	5%			LIFE	* *	5	$11,600	
Masonry: Limestone	10%			LIFE	* *	5	$23,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Old Wing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Explanation : Sidewalk Shed Installed								
Windows								
Aluminum	30%	Now	$32,100	2041	* *	5	$6,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Basement, Rooms 322, 325, 329								
Aluminum	70%	Now	$30,000	2049	* *	5	$15,700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Bathroom New Wing								
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$170,500	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$58,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Old Wing								
Masonry: Brick	40%			LIFE	* *	5-10	$56,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Old Wing								
Masonry: Limestone	10%			LIFE	* *	5-10	$25,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	20%			2033	$144,700	10	$12,400	
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 40%								
Location : Old Building Roof								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Old Wing Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 322, 325, 329. Old Building Roof								
IRMA/Protected Membrane	60%			2041	* *	10	$37,200	
Modified Bitumen	20%			2033	$135,500	10	$12,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Multipurpose Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Wing								
Explanation : Repairs In Progress								
Interior								
Floors								
Ceramic Tile	2%			2036	* *	5	$3,200	
Ceramic Tile	3%			2042	* *	5	$4,800	
Quarry Tile	2%			2050	* *	5	$4,800	
Terrazzo	2%			LIFE	* *	5	$5,000	
Terrazzo	3%			LIFE	* *	5	$7,600	
Vinyl Tile	58%			2038	* *	3	$35,000	
Vinyl Tile	25%			2033	$1,112,800	3	$20,100	
Wood	5%			2061	* *	5	$15,100	
Interior Walls								
Ceramic Tile	10%			2046	* *	5	$17,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,000	
Folding Partition	1%			2055	* *	5	$4,400	
Gypsum Board	49%			LIFE	* *	5-10	$145,400	
Masonry: Brick	5%			LIFE	* *	10	$2,600	
Marble Panels	2%			LIFE	* *	10	$1,400	
Plaster	25%			LIFE	* *	5-10	$37,100	
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : 3rd Floor Old Wing								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 322, 325, 329. Old Building Roof								
SGFT/Glazed Masonry	3%			LIFE	* *	10	$2,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2038	* *	5	$8,100	
AcousTileSusp.Lay-In	47%			2050	* *	5	$75,700	
Exposed Struc: Concrete	8%			LIFE	* *	5-10	$16,100	
Exposed Struc: Steel	3%			LIFE	* *	10	$9,700	
Gypsum Board	20%			LIFE	* *	5-10	$110,800	
Metal Panel	2%			LIFE	* *	5	$8,100	
Plaster	15%			LIFE	* *	5-10	$41,500	
Repairs in Progress, Extent : N/A, Area Affected : 15%								
Location : 3rd Floor Old Wing								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	80%			2068	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : 14th Avenue And Benson Avenue								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Benson Avenue, 14th Avenue								
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Shed And Scaffolding Installed								
On-Site Walkways								
Asphalt	70%			2042	* *			
Cast in Place Concrete	20%			2046	* *			
Masonry: Granite	10%	0-2	$5,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Entry Steps								
Activity Yard								
Asphalt	80%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Rear Yard								
Explanation : Construction Staging In Progress								
Rubber Matting	20%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Playground								
Explanation : Construction Staging In Progress								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 5,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	30%			2033	$73,100	1		
Conduit	70%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	25%			2032	$59,900	5	$700	
Molded Case Bkrs	60%			2049	* *	5	$1,600	
Wiring								
Thermoplastic	70%			2053	* *	1		
Thermoplastic	30%			2033	$102,600	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$500	
Locally Mounted	10%			2031	$18,100	5	$100	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$31,100	
Generators								
Diesel	100%			2042	* *	1	$39,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,700	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Rated Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	2%			2038	* *	10	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Fluorescent	4%			2038	* *	10	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria, Kitchen, Library								
Explanation : T-5 Lamps								
Fluorescent	90%			2038	* *	10	$83,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	20%			2038	* *	10	$100	
HID	10%			2028	$47,100	10		
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$700	
Alarm								
Security System								
Generic	100%			2038	* *	1	$37,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$62,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 5,000 Gallon Tank								

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2033	$94,300	1	$15,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units, Part Of Air Conditioning System								
Steam Boiler	70%			2046	* *	1	$70,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%	0-2	$11,300	2043	* *			
Corroded, Extent : Moderate, Area Affected : 5%								
Location : And Leaking, Condensate Vacuum Pump In Basement								
Repairs In Progress, Extent : N/A, Area Affected : 10%								
Location : Steam Traps, Various Locations								
No Component	30%							
Terminal Devices								
Air Handler	10%			2033	$190,100	1	$6,300	
Convector/Radiator	20%			2038	* *	1	$6,500	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	70%			2033	$1,187,800	2	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 5 Rooftop Units, Using R-407c								
Window/Wall Unit	20%			2028	$76,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$62,400	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$26,800	
Exhaust Fans								
Interior	30%			2033	$134,400	2	$900	
Roof	70%			2038	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2053	* *	1		
Brass/Copper	30%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$4,000	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From Basement To 2nd Floor, Two Units From Basement To 4th Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	30%							
Generic	70%			2053	* *	1-2	$19,800	
Fire Pump								
No Component	30%							
Generic	70%			2042	* *	1	$13,200	
Chemical System								
Generic	100%			2031	$326,400	1-3	$297,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 80 Square Feet In Kitchen.								
Explanation : 1 Set								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 229 - Q**		
Address	: **67-25 51 ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q229**
Program / Asset #	: **BOE0862.000 / 1487**	**Yr Built/Renovated**	: **1967 / 2013**
Area Sq Ft	: **110,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3**		
Block	: **2423** **Lot** : **1**	**BIN**	: **4440274**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$604,700	$175,300
Interior Architecture	$19,798,800	
Electrical	$393,300	$1,588,100
Mechanical	$125,000	$1,602,300
Site Pavements	$60,700	$759,200
Total	**$20,982,500**	**$4,124,800**
Importance Code A	$604,700	$920,100
Importance Code B	$20,377,700	$3,204,800
Total	**$20,982,500**	**$4,124,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,100	$2,200	$3,200	
Interior Architecture	$17,100	$34,100	$4,500	
Electrical	$4,500	$3,700	$3,100	$3,700
Mechanical	$51,000	$54,200	$30,300	$21,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$145,600**	**$102,100**	**$49,000**	**$32,500**
Importance Code A	$81,800	$11,900	$12,700	$9,500
Importance Code B	$50,800	$90,100	$36,200	$23,000
Importance Code C	$13,000			
Total	**$145,600**	**$102,100**	**$49,000**	**$32,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$8,700	
Glazed Ceramic Panel	3%			LIFE	* *	5	$8,100	
Masonry: Brick Cavity	90%			LIFE	* *	5	$52,100	
Metal Panel	2%			2050	* *	5-10	$8,000	
Pre-Cast Concrete	2%			LIFE	* *	5	$3,800	
Windows								
Aluminum	30%			2046	* *	5	$6,300	
Aluminum	60%	Now	$604,700	2055	* *	5	$6,300	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : 1967 Wing								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : 1967 Wing								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Rooms 256, 258 And Music Room G20								
Glass Block	5%	Now	$11,500	LIFE	* *	5	$700	1
Glazing Broken/Cracked, Extent : Severe, Area Affected : 20%								
Location : Stairs 7, 4 And 5								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Steel	5%	Now	$47,700	2055	* *	5	$6,600	1
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Bulkheads								
Thermally Inefficient, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Bulkheads								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$14,200	
Masonry: Limestone	3%			LIFE	* *	5	$600	
Metal Rail	5%			2043	* *	5-10	$14,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,000	
Roof								
Copper/Terne	3%			2058	* *	10	$10,600	
Metal Panel	5%			2043	* *	10	$13,000	
Modified Bitumen	87%			2038	* *	10	$123,200	
Roll Roofing	5%			2029	$46,000	5	$11,800	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$8,200	
Terrazzo	5%			LIFE	* *	5	$6,400	
Vinyl Tile	22%			2035	* *	3	$13,600	
Vinyl Tile 9" X 9"	68%			2025	$19,798,800	3	$42,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%			2039	* *	5	$26,000	
Folding Partition	5%			2038	* *	5	$21,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$20,800	
Plaster	35%			LIFE	* *	5	$18,200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%			2035	* *	5	$40,100	
Exposed Struc: Concrete	55%			LIFE	* *	5	$13,800	
Exposed Struc: Steel	3%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$10,000	
Plaster	12%			LIFE	* *	5	$12,000	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2050	* *			
Retaining Walls								
Cast in Place Concrete	40%			2065	* *			
Masonry: Brick	60%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$60,700	2043	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 51st Road And 67th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	60%			2033	$759,200			
Rubber Matting	40%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$25,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : No Available Nameplate Rating Capacity								
Fused Disc Sw	50%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2030	$130,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Two Vertical Sections								
Fused Disc Sw	50%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : One Vertical Section								
Raceway								
Conduit	70%			2030	$170,600	1		
Conduit	30%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$300	
Molded Case Bkrs	40%			2038	* *	5	$1,200	
Molded Case Bkrs	50%			2029	$119,700	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$239,300	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2040	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$127,000	5	$500	
Locally Mounted	30%			2035	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	50%			2038	* *	10	$50,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Wing								
Fluorescent	47%			2030	$770,700	10	$47,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The New Wing								
Fluorescent	1%			2030	$16,400	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$92,300	10	$13,300	
Exit, Service	50%			2030	$23,700	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	15%			2025	$77,000	10	$100	
HID	15%	Now	$77,000	2040	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$85,100	1-3	$21,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Cafeteria And Basement								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	25%	Now	$8,600	2035	* *	1	$12,200	
Not in Service, Extent : Severe, Area Affected : 80%								
Location : Due To Control Board Defects, New Wing Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 12 Rooftop Package Units								
Steam Boiler	75%			2028	$719,100	1	$81,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	75%	0-2	$13,200	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Vacuum Pump, Boiler Room								
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	25%							
Terminal Devices								
Air Handler	20%			2030	$414,000	1	$13,600	
Convector/Radiator	55%			2035	* *	1	$19,500	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2030	$241,200	2	$1,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Auditorium Roof								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Auditorium Roof								
Explanation : 3 Rooftop Units								
Ext Pkg Unit - Heating/Cooling	25%			2035	* *	2	$1,700	
Window/Wall Unit	30%			2025	$125,000	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$46,000	
Ductwork/Diffusers	25%			LIFE	* *	2-5	$15,300	
Exhaust Fans								
Interior	30%			2030	$146,400	2	$1,000	
Roof	70%			2035	* *	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	15%	0-2	$4,200	2040	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 10%								
Location : Defective Unit, Basement								
Brass/Copper	85%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	30%			2024	$5,100	2		
Gas Fired	70%			2028	$12,000	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$22,000	4	$3,500	
Backflow Preventer								
Generic	100%			2035	* *	1	$6,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing 1 From Ground To 3rd Floor, New Wing 1 From Ground To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2050	* *	1-5	$13,900	
Sprinkler								
No Component	70%							
Generic	30%			2050	* *	1-2	$9,200	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 230 - BK**
Address : **1 ALBEMARLE ROAD BTWN DAHILL RD. & MC DONALD AV**
Borough : **BROOKLYN**
Agency's Number : **K230**
Program / Asset # : **BOE0525.000 / 2552**
Yr Built/Renovated : **1930 / 2011**
Area Sq Ft : **77,000**
Project Type : **EDUCATION**
Date of Survey : **14-Apr-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **5323** **Lot** : **32** **BIN** : **3124109**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$302,800	$763,300
Interior Architecture	$657,900	$1,244,200
Electrical	$99,800	$303,000
Mechanical		$1,229,400
Total	**$1,060,500**	**$3,539,900**
Importance Code A	$302,800	$763,300
Importance Code B	$596,600	$2,776,600
Importance Code C	$161,100	
Total	**$1,060,500**	**$3,539,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$51,100			$5,900
Interior Architecture	$110,100	$5,700		$25,700
Electrical	$2,700	$2,800	$2,600	$48,700
Mechanical	$63,200	$12,000	$23,900	$28,300
Site Enclosure	$30,600			
Site Pavements	$65,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$327,000**	**$24,500**	**$30,400**	**$112,500**
Importance Code A	$58,700	$7,600	$7,600	$13,500
Importance Code B	$166,900	$14,300	$22,800	$99,000
Importance Code C	$101,400	$2,600		
Total	**$327,000**	**$24,500**	**$30,400**	**$112,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$61,900	
Masonry: Brick	95%	Now	$247,700	LIFE	* *	5	$150,400	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Along The Alley								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Windows								
Aluminum	100%	Now	$28,600	2048	* *	5	$3,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium, Boiler Room And Room 155								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$900	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parapet Coping								
Masonry: Brick	60%	Now	$8,700	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Masonry: Brick	15%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : Roofing Tar Applied To Interior Face Of Parapet								
Metal Panel	20%			2052	* *	5	$300	
Roof								
Built-Up (BUR)	75%	Now	$55,100	2032	$551,000			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Roof Hatch, Rooms 401, 403 And 405								
Metal Panel	5%			2037	* *	10	$5,800	
Single Ply Membrane	20%	Now	$12,900	2037	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 127, 128, And 138								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	Now	$14,200	2052	* *	5	$1,500	
Worn/Eroded, Extent : Moderate, Area Affected : 65%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 60%								
Location : Stairs								
Cast in Place Concrete	15%			LIFE	* *	5	$40,300	
Ceramic Tile	5%			2035	* *	5	$6,100	
Terrazzo	5%	Now	$11,500	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	35%	Now	$237,300	2032	$1,186,700	3	$16,100	
Adhesion Failure, Extent : Moderate, Area Affected : 45%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Old Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Vinyl Tile	15%	Now	$10,200	2037	* *	3	$6,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Door Threshold								
Vinyl Tile 9" X 9"	5%	Now	$54,200	2042	* *	3	$2,300	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms And Offices								
Wood	15%			2047	* *	5	$34,500	
Interior Walls								
Cast in Place Concrete	5%	Now	$33,600	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement And Auditorium Stairwell								
Ceramic Tile	3%			2035	* *	5	$5,300	
Marble Panels	2%	Now	$31,200	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Stair								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Plaster	75%	Now	$161,100	LIFE	* *	5	$39,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 4th Floor Classrooms								
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$19,800	2037	* *	5	$6,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : New Wing								
Exposed Struc: Concrete	15%	Now	$55,200	LIFE	* *	5	$2,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plaster	75%	Now	$140,000	LIFE	* *	5	$57,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Room 359								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Classrooms								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$30,600	2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Albemarle Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,800	2045	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Albemarle Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$6,000	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear And Alley								
Activity Yard								
Traffic Topping	100%	Now	$42,600	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2058	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2058	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2058	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	45%			2031	$80,800	5	$900	
Molded Case Bkrs	50%			2054	* *	5	$1,000	
Wiring								
Braided Cloth	50%	2-4	$99,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2058	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	$59,700	5	$300	
Locally Mounted	50%			2045	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	5%			2037	* *	10	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lights								
Fluorescent	10%			2037	* *	10	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	85%			2040	* *			
Egress Lighting								
Emergency, Battery	25%			2032	$32,300	10	$4,600	
Emergency, Battery	25%			2040	* *	10	$4,600	
Exit, Service	25%			2032	$8,300	1		
Exit, Service	25%			2040	* *	1		
Exterior Lighting								
HID	10%			2027	$35,900	10		
LED	20%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$8,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motions Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$14,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$76,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2052	* *	4	$5,700	
Terminal Devices								
Air Handler	25%			2032	$362,300	1	$11,900	
Convector/Radiator	50%			2037	* *	1	$12,400	
Fan Coil Unit/Heat	25%			2032	$477,300	1	$6,200	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2037	* *	2	$1,200	
Split Unit	20%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Window/Wall Unit	40%			2030	$116,700	1		
No Component	15%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$30,100	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Dir Expansion	30%			2037	* *	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$34,300	
No Component	20%							
Exhaust Fans								
Interior	80%			2032	$273,200	2	$1,900	
Roof	20%			2032	$29,900	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$49,400	2042	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 25%								
Location : Basement, Insufficient Pressure At Fourth Floor								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$2,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Fire Pump								
No Component	90%							
Generic	10%	Now	$400	2035	* *	1	$1,300	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 230/I. S. 229 (UDC) - BX**			
Address	:	**275 HARLEM RIVER PARK BRIDGE @ MAJOR DEEGAN EXPY.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X229**
Program / Asset #	:	**BOE0315.000 / 373**	**Yr Built/Renovated**	:	**1977 / 2003**
Area Sq Ft	:	**167,388**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**10-Mar-2020**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4**			
Block	:	**2882** **Lot** : **130**	**BIN**	:	**2009253**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$337,900	$279,900
Interior Architecture	$1,433,000	$264,700
Electrical	$422,400	$1,519,200
Mechanical	$124,400	$4,840,600
Site Enclosure	$91,200	
Site Pavements	$52,000	
Total	**$2,460,900**	**$6,904,300**
Importance Code A	$337,900	$331,300
Importance Code B	$2,123,000	$6,573,000
Total	**$2,460,900**	**$6,904,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$40,300		$11,300	$300
Interior Architecture	$99,200			$26,400
Electrical	$4,300	$5,300	$53,100	$3,800
Mechanical	$141,300	$60,500	$121,000	$57,300
Site Pavements	$5,400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$298,400**	**$73,700**	**$193,300**	**$95,600**
Importance Code A	$95,700	$16,600	$28,200	$16,800
Importance Code B	$188,900	$57,100	$165,100	$78,400
Importance Code C	$13,800			$400
Total	**$298,400**	**$73,700**	**$193,300**	**$95,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230/I. S. 229 (UDC) - BX

Asset # : 373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$18,800	LIFE	* *	5	$31,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,900	
Masonry: Brick	40%			LIFE	* *	5	$50,200	
Masonry: Brick	8%	Now	$82,700	LIFE	* *	5	$10,000	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throughout Window Sills								
Expansion Joint Failure, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$11,800	
Metal Panel	35%			2051	* *	5-10	$302,000	
Window Wall	2%			2051	* *	5	$9,400	
Windows								
Aluminum	100%			2047	* *	5	$500	
Parapets								
Masonry: Brick	70%	Now	$21,500	LIFE	* *	5	$8,500	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Parapet								
Explanation : Covered By Roof Membrane								
Metal Panel	28%			2051	* *	5	$13,200	
Metal Security Bars	2%			2059	* *			
Roof								
Cast in Place Concrete	5%			LIFE	* *			
Modified Bitumen	75%	Now	$106,300	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkheads D And E, Roof Penetrations, 4th Floor Corridor								
Plaza Roof: Stone Panels	20%	Now	$66,600	2051	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : 4rd Floor Roof Plaza								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 4rd Floor Roof Plaza								
Explanation : Broken Pavers And Misaligned								
Soffits								
Stucco Cement	100%			2036	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230/I. S. 229 (UDC) - BX

Asset # : 373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	13%	Now	$65,700	LIFE	* *	5	$84,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$83,800	2040	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Quarry Tile	2%	Now	$8,700	2044	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	30%			2036	* *	3	$44,600	
Vinyl Tile 9" X 9"	40%	Now	$1,049,000	2041	* *	3	$44,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 4th Floor, 3rd Floor, And 2nd Floor Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 4th Floor, 3rd Floor, And 2nd Floor Corridors								
Wood	10%	Now	$177,200	2059	* *	5	$27,900	
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	4%			2034	* *	5	$1,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$1,900	
Folding Partition	1%			2047	* *	5	$800	
Gypsum Board	35%			LIFE	* *	5	$6,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	35%	Now	$13,200	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	50%	Now	$47,900	2044	* *	5	$72,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Corridors								
Exposed Struc: Concrete	10%			LIFE	* *	5	$4,500	
Metal Panel	30%	4+	$57,300	LIFE	* *	5	$108,100	
Bent/Warped Elements, Extent : Light, Area Affected : 2%								
Location : Corridors								
Plaster	10%	4+	$17,500	LIFE	* *	5	$18,000	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Bathroom								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2051	* *			
Iron Picket	90%			2066	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 230/I. S. 229 (UDC) - BX
Asset # : 373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	2-4	$91,200	2041	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Front Entry At Harlem River Park Bridge								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$52,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Entry At Harlem River Park Bridge								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Cast in Place Concrete	100%	0-2	$5,400	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front Play Space								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$46,300	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere And Three 1,600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2031	$5,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$700	
Raceway								
Conduit	100%			2031	$288,800	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	90%			2030	$305,400	5	$4,000	
Wiring								
Thermoplastic	100%			2031	$399,600	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 230/I. S. 229 (UDC) - BX
Asset # : 373

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$144,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2036	* *	10	$6,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Some Hallway And Lobby								
HID	2%			2036	* *	10	$100	
Egress Lighting								
Emergency, Battery	20%			2036	* *	10	$8,100	
Emergency, Battery	30%			2026	$84,300	10	$12,100	
Exit, Service	10%			2036	* *	1		
Exit, Service	40%			2026	$28,900	1		
Exterior Lighting								
HID	20%			2026	$156,200	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby, Hallway And Outside								
Explanation : Surveillance Camera CCTV								
Generic	10%			2026	$31,400	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$21,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mechanical Room And Baesment								
Explanation : Bell, Horn, Srobes, Smoke And Heat Detector, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$51,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7,500 Gallons Each.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 230/I. S. 229 (UDC) - BX
Asset # : 373

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	30%	0-2	$43,800	2044	* *	1	$44,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, One Boiler Malfunctioning Due To Bad Tubes								
Steam Boiler	70%			2044	* *	1	$116,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	$8,300	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	95%			2040	* *	1	$172,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Using Refrigerant R -11								
Split Unit	5%			2036	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2041	* *	4	$12,400	
Terminal Devices								
Air Handler/Cool/Ht	100%	0-2	$65,000	2031	$3,247,900	1	$93,200	
Controller Not Working, Extent : Light, Area Affected : 100%								
Location : Various. Building Management System Malfunctioning								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 2 Out Of 14 Units Not Working Properly.								
Heat Rejection								
Water Cooling Tower	100%			2032	$845,500	2	$168,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$93,300	
Exhaust Fans								
Interior	80%	Now	$59,400	2031	$593,900	2	$3,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Fan Room, Broken Belt Of One Exhaust Fan								
Roof	20%			2031	$65,000	2	$1,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2029	$88,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 230/I. S. 229 (UDC) - BX
Asset # : 373

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$24,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	5%	Now	$31,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Boys Bathroom. Clogged Floor Drain								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$3,500	
Sewage Ejector(s)								
Electric	100%			2039	* *	4	$6,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$4,700	
Fire Pump								
Generic	100%			2046	* *	1	$31,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 232 - Q**		
Address	: **153-23 83 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q232**
Program / Asset #	: **BOE0864.000 / 195**	**Yr Built/Renovated**	: **1962 / 2011**
Area Sq Ft	: **83,104**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11445** **Lot** : **1**	**BIN**	: **4247454**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$13,825,600	
Electrical	$369,400	$680,800
Mechanical	$141,700	$810,600
Total	**$14,336,600**	**$1,491,500**
Importance Code B	$14,336,600	$1,491,500
Total	**$14,336,600**	**$1,491,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,200			$15,600
Interior Architecture	$9,800	$9,400	$3,200	$25,600
Electrical	$12,600	$8,500	$9,100	$19,000
Mechanical	$14,800	$11,600	$24,800	$11,600
Total	**$96,300**	**$29,400**	**$37,000**	**$71,700**
Importance Code A	$67,500	$8,200	$8,200	$24,000
Importance Code B	$28,900	$21,200	$25,700	$47,700
Importance Code C			$3,200	
Total	**$96,300**	**$29,400**	**$37,000**	**$71,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$42,400	
Masonry: Brick	90%			LIFE	* *	5	$48,900	
Windows								
Aluminum	10%	Now	$3,500	2054	* *	5	$1,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Kitchen, Classroom 225								
Aluminum	90%			2054	* *	5	$32,800	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$8,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	15%			2049	* *	5-10	$29,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,500	
Roof								
Built-Up (BUR)	95%	Now	$27,600	2037	* *			
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Perimeter								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Classroom 304 And 320								
Copper/Terne	5%			2047	* *	10	$15,600	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,100	
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$3,800	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	10%			2037	* *	3	$4,700	
Vinyl Tile 9" X 9"	62%			2027	$13,825,600	3	$39,200	
Wood	5%			2060	* *	5	$11,800	
Under Construction	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Basement Under Construction Due To Flooding And High Water Table								
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$6,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,200	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$31,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Under Construction	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Under Construction Due To Flooding And High Water Table								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2037	* *	5	$31,600	
Exposed Struc: Concrete	68%			LIFE	* *	5	$13,400	
Metal Panel	2%			LIFE	* *	5	$3,200	
Plaster	5%			LIFE	* *	5	$3,900	
Site Enclosure								
Fence/Gates								
Chain Link	95%			2052	* *			
Iron Picket	5%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 83rd And 84th Streets								
Explanation : Ramp Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	70%			2041	* *			
Cast in Place Concrete	25%			2045	* *			
Masonry: Granite	5%			LIFE	* *			
Activity Yard								
Asphalt	50%			2041	* *			
Rubber Matting	50%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$400	
Raceway								
Conduit	90%			2032	$181,600	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	80%			2031	$191,600	5	$1,800	
Molded Case Bkrs	10%			2040	* *	5	$200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$233,400	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	$26,800	1	$25,600	
Generators								
Natural Gas	100%			2028	$138,700	1	$32,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 7.5 Kilowatts For Sump Pump Use Only								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$71,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2032	$49,600	10	$3,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lights								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$10,000	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10	$100	
LED	10%			2037	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$9,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$64,300	1-3	$15,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2062	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : New Line Installation In Progress								
Conversion Equipment								
Steam Boiler	100%			2052	* *	1	$82,300	
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Basement, New Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2062	* *	4	$4,100	
Terminal Devices								
Air Handler	20%			2032	$312,800	1	$10,300	
Convector/Radiator	80%			2037	* *	1	$21,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	45%			2027	$141,700	1		
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	
Exhaust Fans								
Interior	60%			2032	$221,100	2	$1,500	
Roof	40%			2032	$64,500	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$212,200	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$8,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$16,600	4	$2,600	
Sewage Ejector(s)								
Electric	100%			2032	$43,500	4	$5,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2042	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 233 - BK**		
Address	: **9301 AVENUE B AT EAST 93 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K233**
Program / Asset #	: **BOE0528.000 / 683**	**Yr Built/Renovated**	: **1930 / 2002**
Area Sq Ft	: **159,857**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,Ph**		
Block	: **4753** **Lot** : **1**	**BIN**	: **3104990**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$320,600	$285,600
Interior Architecture	$208,900	$112,200
Electrical	$416,000	$681,800
Mechanical	$2,013,400	$4,272,500
Total	**$2,958,900**	**$5,352,100**
Importance Code A	$320,600	$285,600
Importance Code B	$2,566,500	$5,066,500
Importance Code C	$71,800	
Total	**$2,958,900**	**$5,352,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,000		$58,600	
Interior Architecture	$109,600	$6,000	$1,500	$17,900
Electrical	$27,600	$17,300	$16,300	$16,800
Mechanical	$138,700	$31,300	$131,000	$30,100
Site Pavements	$25,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$325,700**	**$58,600**	**$211,300**	**$68,800**
Importance Code A	$29,500	$9,500	$68,500	$9,500
Importance Code B	$239,200	$49,100	$142,800	$59,300
Importance Code C	$57,000			
Total	**$325,700**	**$58,600**	**$211,300**	**$68,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$48,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 93rd Street And Playground								
Explanation : New Building Base								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$150,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Builiding Facade And 93rd Street Entrance								
Explanation : Decorative Elements At Windows And Entrances								
Masonry: Brick	70%			LIFE	* *	5	$135,000	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Playground Facing Courtyard								
Graffiti, Extent : Light, Area Affected : 2%								
Location : First Floor 94th Street								
Painted Surfaces, Extent : Light, Area Affected : 5%								
Location : Avenue B First Floor								
Masonry: Limestone	10%			LIFE	* *	5	$14,500	
Graffiti, Extent : Light, Area Affected : 2%								
Location : Avenue B Facing Base								
Metal Panel	5%			2051	* *	5-10	$66,300	
Windows								
Aluminum	95%	Now	$129,800	2047	* *	5	$27,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Old Builidng								
Metal Louvers	5%			2040	* *	10	$17,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$15,800	
Copper/Terne	5%			2066	* *	5	$4,900	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Old Building Coping Flashing								
Masonry: Brick	78%	0-2	$100,700	LIFE	* *	5	$15,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Old Building Interior								
Metal Rail	2%			2044	* *	5-10	$7,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	7%	0-2	$15,600	2059	* *			
Deformed/Dented, Extent : Light, Area Affected : 20%								
Location : Throughout								
IRMA/Protected Membrane	45%	Now	$90,100	2036	* *			
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Modified Bitumen	45%			2036	* *	10	$38,100	
Ponding, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Skylight, Metal/Glass	3%			2041	* *	10	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Copper Glass Skylight								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,300	
Ceramic Tile	5%			2040	* *	5	$12,000	
Quarry Tile	5%			2044	* *	5	$17,900	
Terrazzo	2%			LIFE	* *	5	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 93rd Street Entry Lobby								
Explanation : Decorative Inscription In Floor								
Terrazzo	3%			LIFE	* *	5	$5,600	
Vinyl Tile	60%	Now	$79,300	2036	* *	3	$53,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Hallways And Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	5%			2041	* *	3	$4,500	
Wood	10%	0-2	$28,500	2046	* *	5	$22,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Throughout Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$10,500	2040	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Bathrooms								
Concrete Masonry Unit	20%	0-2	$71,800	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Glass: Single Pane	2%			LIFE	* *	5	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairways								
Explanation : Wire Glass								
Glass: Special Gauge	1%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Charter School Admin								
Explanation : Aluminum And Glass Parition Walls								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditoruim								
Plaster	50%	Now	$46,500	LIFE	* *	5	$28,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Hallways								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%	Now	$57,800	2044	* *	5	$44,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout Hallways								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout Hallways								
AcousTileSusp.Lay-In	10%			2044	* *	5	$23,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Entryway, Library								
Exposed Struc: Concrete	3%			LIFE	* *	5	$1,100	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$15,000	
Metal Panel	2%	0-2	$3,200	LIFE	* *	5	$6,000	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	40%			LIFE	* *	5	$59,800	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%			2066	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Fieldstone	100%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Playground								
Explanation : Planters								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$15,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 94th Street Side								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	80%			2034	* *			
Cast in Place Concrete	20%			2044	* *			
Activity Yard								
Asphalt	75%	0-2	$10,800	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Play Yard								
Cast in Place Concrete	13%			2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Play Yard Seating Area								
Pavers/Stone	2%			2040	* *			
Rubber Matting	5%			2036	* *			
Traffic Topping	5%			2031	$17,700			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Yard								
Explanation : Orange Seamless Rubber Topping								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2031	$146,300	5	$300	
Fused Disc Sw	50%			2051	* *	5	$300	
Raceway								
Conduit	80%			2031	$231,100	1		
Conduit	20%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$200	
Fused Disc Sw	10%			2030	$29,900	5	$400	
Molded Case Bkrs	75%			2030	$224,500	5	$3,200	
Molded Case Bkrs	10%			2047	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2031	$79,900	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	50%	2-4	$5,200	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Generic	50%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$49,200	
Generators								
Diesel	100%			2034	* *	1	$61,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$5,900	
Fuel Storage								
Day Tank	50%			2039	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Rated Capacity								
Main Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	3%			2036	* *	10	$4,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Fluorescent	90%			2036	* *	10	$132,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	7%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	20%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Operated Via Timer And Photocell								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$17,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$30,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Alarm Bells, Horns, Strobe Lights And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2031	$366,800	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 8,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Shell & Tube	40%			2034	* *			
Steam Boiler	60%			2036	* *	1	$95,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%	Now	$14,000	2039	* *	4	$3,200	
Broken, Extent : Moderate, Area Affected : 15%								
Location : One Pump Not Working								
Steam Piping/Pump	60%	Now	$38,400	2031	$768,100			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Main Valves In Basement								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Basement								
Explanation : 3- Units Condensate Return, One Pump Of Each, Two Unit Pump Broken								
Terminal Devices								
Air Handler	30%			2031	$902,500	1	$29,700	
Convector/Radiator	45%			2029	$588,200	1	$23,200	
Fan Coil Unit/Heat	25%			2026	$990,900	1	$12,900	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2026	$707,500	1	$22,200	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Explanation : 2 Sets								
Exterior Pkg Unit - Cooling	10%			2026	$175,300	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Split Unit	1%			2036	* *			
Window/Wall Unit	5%			2026	$30,300	1		
Air Cooled interior Pkg Unit	10%			2029	$260,500	2	$1,000	
No Component	44%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2041	* *	4	$3,500	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	30%			2036	* *	1	$29,700	
Fan Coil - 2 Pipe	30%			2031	$819,300	1	$15,500	
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2026	$77,800	2	$33,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$62,400	
No Component	30%							
Exhaust Fans								
Interior	80%			2031	$567,200	2	$3,900	
Roof	20%	Now	$6,200	2026	$62,000	2	$800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Exhaust In Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%	Now	$20,400	2048	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Main Isolation Valves								
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2024	$17,100	2		
Broken, Extent : Severe, Area Affected : 50%								
Location : One Of Two Tanks Corroded, Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$6,400	2026	$32,000	4	$3,400	
Broken, Extent : Moderate, Area Affected : 50%								
Location : One Pump In Basement								
Fixtures								
Generic	100%							
Not in Service, Extent : Severe, Area Affected : 20%								
Location : 2 Water Fountains In 3rd Floor								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 4th Floor								
Explanation : One Unit								

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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$80,600	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,200	
Fire Pump								
Generic	100%			2034	* *	1	$29,900	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 233 - Q MINISCHOOL**		
Address	: **114-43 142 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q875**
Program / Asset #	: **BOE0789.010 / 2939**	**Yr Built/Renovated**	: **1991 / 2014**
Area Sq Ft	: **16,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,Att**		
Block	: **11972** **Lot** : **70**	**BIN**	: **4259200**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$174,800	$172,900
Interior Architecture		$584,700
Electrical		$233,700
Mechanical		$393,300
Total	**$174,800**	**$1,384,600**
Importance Code A	$174,800	$224,200
Importance Code B		$1,160,400
Total	**$174,800**	**$1,384,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,100		$4,100	
Interior Architecture	$21,600	$4,800		$27,700
Electrical	$1,300	$1,100	$44,100	$1,100
Mechanical	$1,000	$1,300	$3,100	$1,300
Site Enclosure	$5,000			
Site Pavements	$2,000			
Total	**$55,100**	**$7,200**	**$51,300**	**$30,100**
Importance Code A	$25,000	$800	$4,900	$800
Importance Code B	$12,600	$4,900	$46,400	$25,600
Importance Code C	$17,500	$1,500		$3,600
Total	**$55,100**	**$7,200**	**$51,300**	**$30,100**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 233 - Q MINISCHOOL

Asset # : 2939

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%	2-4	$14,500	LIFE	* *	5	$2,700	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : All Facades								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : At Entry								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : All Facades								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Base Perimeter								
Explanation : Glazed Concrete Block								
Metal Panel	80%			2051	* *	5-10	$237,700	
Metal Sect. OHD	4%	0-2	$6,300	2036	* *	5	$2,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Security Barn Door At Exit 9								
Pre-Cast Concrete	1%			LIFE	* *	5	$1,400	
Window Wall	5%			2051	* *	5	$8,100	
Windows								
Aluminum	98%	Now	$3,400	2047	* *	5	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Gasket Missing Near Exit 8								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Ground Level								
Explanation : Security Grilles								
Metal Louvers	2%			2040	* *	10	$500	
Roof								
Metal Panel	90%			2044	* *	10	$110,000	
Not Accessible	10%							
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,000	
Interior								
Floors								
Carpet	5%			2027	$23,400	3	$2,600	
Cast in Place Concrete	5%			LIFE	* *	5	$2,900	
Ceramic Tile	5%			2040	* *	5	$1,300	
Quarry Tile	5%			2044	* *	5	$2,000	
Vinyl Tile	80%			2031	$584,700	3	$7,900	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$2,900	
Folding Partition	5%			2047	* *	5	$7,300	
Gypsum Board	90%	Now	$14,700	LIFE	* *	5	$31,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Cafeteria Facing Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 233 - Q MINISCHOOL
Asset # : 2939

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	40%			2044	* *	5	$10,600	
Exposed Struc: Steel	45%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$3,300	
Metal Panel	5%			LIFE	* *	5	$1,700	
Site Enclosure								
Fence/Gates								
Aluminum Rail	15%	0-2	$2,800	2044	* *	5	$2,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Side Walkway At Kitchen Entry								
Iron Picket	85%			2066	* *			
Retaining Walls								
Cast in Place Concrete	15%	2-4	$2,200	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Ramp To Playground								
Cast in Place Concrete	85%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Asphalt	50%			2040	* *			
Cast in Place Concrete	50%			2044	* *			
Activity Yard								
Asphalt	85%	2-4	$2,000	2040	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Playground								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Cast in Place Concrete	15%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$100	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	30%			2039	* *	5	$100	
Molded Case Bkrs	70%			2039	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
P. S. 233 - Q MINISCHOOL
Asset # : 2939

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	80%			2031	$196,800	10	$12,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms And Mechanical Rooms								
Explanation : T-12 Lamps								
Fluorescent	5%			2031	$12,300	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Fluorescent	10%			2031	$24,600	10	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallways								
Explanation : T-8 Lamps								
HID	5%			2031	$9,800	10		
Egress Lighting								
Emergency, Battery	50%			2031	$13,800	10	$2,000	
Exit, Service	50%			2031	$3,600	1		
Exterior Lighting								
LED	30%			2031	$26,500			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$9,300	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$42,600	1-3	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 233 - Q MINISCHOOL
Asset # : 2939

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2031	$51,300	1	$8,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic								
Explanation : 3 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2029	$268,800	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units In Attic								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,200	
Exhaust Fans								
Interior	100%			2031	$73,200	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	$7,400	1	$1,000	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 234 - M**		
Address	: **292 GREENWICH STREET BTWN: WARREN ST., CHAMBERS ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M234**
Program / Asset #	: **BOE0121.000 / 1643**	**Yr Built/Renovated**	: **1988 /**
Area Sq Ft	: **83,412**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **142** **Lot** : **1**	**BIN**	: **1001533**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$490,400	
Interior Architecture		$87,600
Electrical	$1,183,100	$527,900
Mechanical		$1,792,500
Total	**$1,673,500**	**$2,407,900**
Importance Code A	$490,400	$50,200
Importance Code B	$1,183,100	$2,270,100
Importance Code C		$87,600
Total	**$1,673,500**	**$2,407,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$93,500	$15,100	$9,000	
Interior Architecture	$176,600	$12,500	$3,100	$10,900
Electrical	$75,100	$10,000	$8,400	$8,900
Mechanical	$51,500	$23,800	$32,300	$12,800
Site Enclosure	$1,900			
Site Pavements	$31,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$433,500**	**$65,300**	**$56,800**	**$36,500**
Importance Code A	$93,500	$15,300	$9,000	
Importance Code B	$243,600	$50,100	$47,800	$36,500
Importance Code C	$96,500			
Total	**$433,500**	**$65,300**	**$56,800**	**$36,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$24,100	LIFE	* *	5	$20,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Wall Base On South Side, Warren Street								
Concrete Masonry Unit	25%	4+	$21,600	LIFE	* *	5	$12,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Masonry: Brick Cavity	60%	Now	$421,000	LIFE	* *	5	$48,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : North And West Side								
Sidewalk Shed in Use, Extent : Light, Area Affected : 20%								
Location : North And West Side								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 201 And 301								
Metal Panel	10%			2050	* *	5-10	$55,400	
Windows								
Aluminum	5%	Now	$29,300	2046	* *	5	$500	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Yard Exit Lobby And Windows Directly Above								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Yard Exit Lobby And Windows Directly Above								
Explanation : Windows Installed Improperly, Causing Water Penetration								
Aluminum	80%			2046	* *	5	$16,400	
Glass Block	10%			LIFE	* *	5	$1,300	
Metal Louvers	5%			2039	* *	10	$6,400	
Parapets								
Concrete Masonry Unit	50%			LIFE	* *	5	$4,900	
Masonry: Brick Cavity	40%			LIFE	* *	5	$3,400	
Metal Panel	5%			2056	* *	5	$1,700	
Metal Rail	5%			2043	* *	5-10	$7,800	
Roof								
Copper/Terne	5%			2058	* *	10	$10,500	
IRMA/Protected Membrane	70%	4+	$69,400	2035	* *			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Throughout Upper Roof								
Insul Miss/Displaced, Extent : Light, Area Affected : 5%								
Location : Throughout Upper Roof								
Metal Panel	25%	Now	$15,300	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Exit Lobbies								

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DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Exposed Struc: Steel	75%			LIFE	* *	5	$5,900	
Stucco Cement	10%	Now	$3,200	2043	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Exit Lobby To Yard								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exit Lobby To Yard								
Stucco Cement	15%			2043	* *	5	$900	
Interior								
Floors								
Carpet	5%			2029	$110,400	3	$9,400	
Cast in Place Concrete	13%			LIFE	* *	5	$35,500	
Ceramic Tile	5%			2039	* *	5	$6,200	
Terrazzo	2%			LIFE	* *	5	$2,000	
Vinyl Tile	70%	Now	$48,300	2035	* *	3	$32,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Main Office And Basement Corridor								
Wood	5%	Now	$7,400	2058	* *	5	$5,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	10%	Now	$45,700	LIFE	* *	5	$9,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs								
Gypsum Board	55%	Now	$37,500	LIFE	* *	5	$80,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 201 And 301 And Library								
Gypsum Board	5%			LIFE	* *	5	$7,300	
SGFT/Glazed Masonry	30%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%	2-4	$28,100	2043	* *	5	$21,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
AcousTileSusp.Lay-In	5%	2-4	$2,100	2035	* *	5	$3,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 311 And 3rd Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
AcousTileSusp.Lay-In	20%			2035	* *	5	$25,000	
Exposed Struc: Concrete	25%			LIFE	* *	5	$4,900	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%	Now	$4,400	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exit Lobbies Under Metal Roof								
Site Enclosure								
Fence/Gates								
Iron Picket	90%			2065	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout, Main Gate To Play Yard								
Masonry: Brick	10%	Now	$1,900	2050	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Along North And East Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%	Now	$11,400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East Side Of Building, Along Greenwich Street								
Pavers/Stone	10%			2039	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2043	* *			
Masonry: Granite	20%	Now	$11,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Yard Entrance								
Activity Yard								
Rubber Matting	20%			2035	* *			
Traffic Topping	80%	2-4	$8,200	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes								
Transformers								
Dry Type	100%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 15 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	90%			2038	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	10%			2035	* *	5	$100	
Motor Control Center	90%			2035	* *	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$25,700	
Generators								
Diesel	100%			2033	$138,700	1	$32,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Generator Rated At 150 Kilowatts. Generator Was Refurbished This Year.								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,100	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 25 Gallon Capacity								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallon Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2025	$994,700	10	$61,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps.								
Fluorescent	10%	0-2	$24,900	2040	* *			
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : 2nd And 3rd Floor Hallways								
Fluorescent	8%			2040	* *	10	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Hallway								
Explanation : T-8 Lamp Type Fixtures Added This Year In The 1st Floor Hallway.								
HID	2%	0-2	$4,000	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium Penthouse								
Explanation : Fixtures Are Old And Produce Inadequate Illumination For The Area.								
Egress Lighting								
Emergency, Service	50%	2-4	$25,700	2040	* *	1		
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Stairs								
Exit, Service	50%	2-4	$10,800	2040	* *	1		
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Exterior Lighting								
HID	100%			2030	$389,200	10	$300	
Alarm								
Security System								
No Component	60%							
Generic	40%	Now	$62,600	2040	* *	1	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : The CCTV System Is Not Operational								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$64,500	2040	* *	1-3	$14,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete System. Strobes Do Not Work.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2040	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2033	$50,200	5	$5,000	
Distribution								
Central Plant Steam Piping/Pmp	100%			2040	* *	4	$6,200	
Terminal Devices								
Air Handler	20%			2030	$313,900	1	$10,300	
Convector/Radiator	70%			2043	* *	1	$18,900	
Convector/Radiator	10%	0-2	$20,500	2043	* *	1	$2,400	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : First To Third Floor								
Explanation : Insufficient Heat For Rooms								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	85%			2038	* *	1	$32,900	
R-22 Refrigerant, Extent : Light, Area Affected : 85%								
Location : Chiller Room, Penthouse								
Other Observation, Extent : Light, Area Affected : 85%								
Location : Chiller Room, Penthouse								
Explanation : R-410a Refrigerant								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	85%			2056	* *	4	$5,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Chiller Room, Penthouse								
Explanation : New Insulation								
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	85%			2030	$1,169,400	1	$43,800	
No Component	15%							
Heat Rejection								
Air Cooled Condenser Unit	85%			2038	* *	2	$49,400	
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,500	
Exhaust Fans								
Interior	70%			2030	$259,000	2	$1,800	
Roof	30%			2030	$48,600	2	$800	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2050	* *	1		
Galvanized Steel	10%			2035	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$12,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$16,700	4	$1,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit, Controls Do Not Work								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$42,100	
Sprinkler								
No Component	85%							
Generic	15%			2050	* *	1-2	$3,500	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 234 - Q**		
Address	: **30-15 29TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q234**
Program / Asset #	: **BOE1033.000 / 13586**	**Yr Built/Renovated**	: **2003 / 2011**
Area Sq Ft	: **121,794**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **592** **Lot** : **15**	**BIN**	: **4007619**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$649,900	$88,600
Interior Architecture	$845,100	$4,215,300
Electrical	$111,700	$94,200
Mechanical		$81,500
Total	**$1,606,700**	**$4,479,500**
Importance Code A	$649,900	$88,600
Importance Code B	$253,000	$4,016,500
Importance Code C	$703,800	$374,500
Total	**$1,606,700**	**$4,479,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$7,300		$1,400
Interior Architecture		$7,300	$17,100	$25,100
Electrical	$11,900	$12,300	$12,600	$28,500
Mechanical	$88,400	$67,200	$55,300	$83,500
Site Enclosure	$8,000	$1,700		
Site Pavements	$13,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$129,400**	**$103,700**	**$92,800**	**$146,400**
Importance Code A	$12,100	$19,400	$12,100	$13,800
Importance Code B	$96,100	$79,900	$80,700	$122,900
Importance Code C	$21,200	$4,400		$9,700
Total	**$129,400**	**$103,700**	**$92,800**	**$146,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$15,800	
Glass Block	5%			LIFE	* *	5	$4,000	
Masonry: Brick Cavity	70%			LIFE	* *	5	$88,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$20,600	
Windows								
Aluminum	95%	0-2	$106,100	2040	* *	5	$11,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Metal Louvers	5%			2035	* *	10	$7,300	
Parapets								
Masonry: Brick	95%	0-2	$173,800	LIFE	* *	5	$13,700	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	80%	0-2	$273,800	2037	* *			
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Explanation : Custodian Said School Construction Authority Working On Repair Plans								
Modified Bitumen	20%	0-2	$96,200	2037	* *			
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Explanation : Custodian Said School Construction Authority Working On Repair Plans.								
Soffits								
Stucco Cement	100%			2037	* *	5	$2,900	
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$77,500	LIFE	* *	5	$39,900	
Paint Peeling, Extent : Moderate, Area Affected : 60%								
Location : At Basement Areas								
Ceramic Tile	5%			2035	* *	5	$9,100	
Quarry Tile	5%			2037	* *	5	$13,700	
Vinyl Tile	75%			2032	$3,777,000	3	$51,300	
Wood	5%			2047	* *	5	$17,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$703,800	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 60%								
Location : At Basement Fresh Air Room								
Ceramic Tile	2%			2035	* *	5	$3,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$14,800	
Fabric on Framing	2%			2030	$374,500	5	$1,900	
Gypsum Board	35%			LIFE	* *	5	$38,900	
Metal: Cage/Fence	3%			LIFE	* *			
Operable Wall	3%			2042	* *	5	$19,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	70%			2037	* *	5	$127,600	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	7%			LIFE	* *	5	$16,000	
Metal Panel	3%			LIFE	* *	5	$6,800	
Plaster	10%			LIFE	* *	5	$11,400	
Site Enclosure								
Fence/Gates								
Aluminum Rail	9%			2045	* *	5-10	$2,700	
Chain Link	31%			2042	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Need Maintenance Paint								
Iron Picket	60%	0-2	$8,000	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$13,300	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : At 1st Step Of Front Entry								
Parking/Driveway								
Asphalt	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	30%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$300	
Molded Case Bkrs	90%			2048	* *	5	$2,900	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$37,500	
Generators								
Diesel	100%			2041	* *	1	$47,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 275 Kilowatts								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$27,100	
Fuel Storage								
Day Tank	50%			2048	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room In Penthouse								
Explanation : One 100 Gallon								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$105,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	6%			2037	* *	10	$6,700	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium And Lobby								
Egress Lighting								
Emergency, Service	60%			2037	* *	1		
Exit, Service	40%			2037	* *	1		
Exterior Lighting								
HID	10%			2037	* *	10		
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$13,700	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$94,200	1-3	$22,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$120,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2052	* *	4	$9,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2037	* *	1	$30,100	
Convector/Radiator	20%			2045	* *	1	$7,900	
Fan Coil Unit/Heat	40%			2037	* *	1	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling On Every Level								
Explanation : Variable Air Volume Boxes								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	0-2	$35,900	2037	* *	1	$50,800	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Mechanical Euipment Room. Chiller-1 Malfunction								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Penthouse Mechanical Equipment Room								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$9,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$75,300	
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$84,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,900	
Exhaust Fans								
Interior	40%			2037	* *	2	$1,500	
Roof	60%			2037	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 600 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,900	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$7,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2037	* *	1	$7,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 4th Floor							
	Explanation : 2 Units							
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$61,400	
Sprinkler								
Generic	100%			2052	* *	1-2	$34,100	
Fire Pump								
Generic	100%			2041	* *	1	$22,700	
Chemical System								
Dry	100%			2030	$81,500	1-3	$78,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 235 - BK**		
Address	: **525 LENOX ROAD BTWN: EAST 39 ST., EAST 40 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K235**
Program / Asset #	: **BOE0530.000 / 2550**	**Yr Built/Renovated**	: **1930 / 2001**
Area Sq Ft	: **66,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **4844** **Lot** : **1**	**BIN**	: **3107846**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$113,400	$1,359,700
Interior Architecture	$277,900	$919,000
Electrical	$447,700	$489,000
Mechanical	$628,600	$960,300
Total	**$1,467,600**	**$3,728,000**
Importance Code A	$113,400	$1,359,700
Importance Code B	$1,354,200	$1,994,000
Importance Code C		$374,300
Total	**$1,467,600**	**$3,728,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,700	$1,100		
Interior Architecture	$68,800	$35,400	$5,500	$2,500
Electrical	$2,500	$48,000	$2,200	$1,800
Mechanical	$44,200	$26,600	$14,200	$10,200
Site Pavements	$47,800			
Total	**$174,000**	**$111,100**	**$22,000**	**$14,500**
Importance Code A	$17,300	$7,800	$6,500	$6,500
Importance Code B	$108,100	$103,300	$15,500	$8,000
Importance Code C	$48,700			
Total	**$174,000**	**$111,100**	**$22,000**	**$14,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$53,200	
Masonry: Brick	90%			LIFE	* *	5	$122,500	
Masonry: Granite	5%	0-2	$10,700	LIFE	* *	5	$5,100	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Lower Portion Of Exterior Wall								
Windows								
Aluminum	100%	Now	$113,400	2038	* *	5	$11,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Building								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,500	
Masonry: Brick	90%			LIFE	* *	5	$10,600	
Metal Panel	5%			2050	* *	5	$2,300	
Roof								
Built-Up (BUR)	93%			2030	$1,090,500	10	$93,400	
Copper/Terne	5%			2058	* *	10	$12,600	
Skylight, Metal/Glass	2%			2040	* *	10	$6,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$21,600	
Ceramic Tile	5%			2026	$277,900	5	$4,900	
Terrazzo	5%	2-4	$9,200	LIFE	* *	5	$3,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Main Entrance								
Vinyl Tile	25%			2035	* *	3	$9,200	
Vinyl Tile	20%	Now	$10,900	2030	$544,700	3	$7,400	
Uneven Substrate, Extent : Light, Area Affected : 10%								
Location : 4th Floor Classrooms								
Wood	10%			2065	* *	5	$18,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Wood	25%			2045	* *	5	$46,200	
Interior Walls								
Ceramic Tile	5%	0-2	$7,500	2033	$374,300	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Student Toilets								
Masonry: Brick	9%			LIFE	* *			
Masonry: Brick	1%	Now	$5,200	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement Storage Room								
Marble Panels	5%	Now	$36,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Plaster	80%			LIFE	* *	5	$32,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%			2035	* *	5	$6,200	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,300	
Plaster	80%			LIFE	* *	5	$49,300	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2056	* *			
Iron Picket	40%			2050	* *			
Retaining Walls								
Not Accessible	100%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$47,800	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Sidewalks								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	80%			2043	* *			
Rubber Matting	20%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$175,600	5	$300	
Molded Case Bkrs	10%			2040	* *	5	$200	
Raceway								
Conduit	75%			2030	$108,400	1		
Conduit	25%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5	$100	
Fused Disc Sw	5%			2029	$9,000	5	$100	
Molded Case Bkrs	70%			2029	$125,700	5	$1,200	
Molded Case Bkrs	20%			2038	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2035	* *	5	$400	
Locally Mounted	20%			2028	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	75%			2035	* *	10	$45,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	25%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium And Cafeteria								
Explanation : LED Lighting Fixtures 4 Years Ago.								
Egress Lighting								
Emergency, Battery	50%			2030	$55,400	10	$8,000	
Exit, Service	50%			2030	$14,200	1		
Exterior Lighting								
HID	100%			2025	$308,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$37,200	1	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$12,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : The Control Panel Is Located In The Minischool.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$65,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$10,600	2030	$528,500			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 5%								
Location : Throughout Building								
Terminal Devices								
Air Handler	20%	Now	$5,000	2025	$248,400	1	$7,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement Steam Coil In Unit								
Convector/Radiator	80%			2028	$431,800	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	35%			2025	$87,500	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	
Exhaust Fans								
Interior	100%			2025	$292,700	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%	Now	$3,400	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Basement Boiler Room								
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2025	$17,100	2		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Both Basement Storage Tanks								
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : One Of 2 Storage Tanks In Basement								
Sanitary Piping								
Cast Iron	100%	Now	$16,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Storage Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$27,400	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 235 - BK MINISCHOOL**				
Address	: **525 LENOX RD. BTWN: EAST 39 ST., EAST 40 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K835**	
Program / Asset #	: **BOE0530.010 / 2872**		**Yr Built/Renovated**	: **1991 /**	
Area Sq Ft	: **16,796**		**Project Type**	: **EDUCATION**	
Date of Survey	: **26-Mar-2019**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2**				
Block	: **4844**	**Lot** : **1**	**BIN**	: **3107846**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$52,600	$193,600
Electrical		$328,700
Mechanical	$195,500	$413,900
Total	**$248,200**	**$936,200**
Importance Code A	$52,600	$324,700
Importance Code B	$195,500	$611,500
Total	**$248,200**	**$936,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,700			
Interior Architecture	$13,600			$2,800
Electrical	$500	$1,000	$600	$500
Mechanical	$37,500	$6,500	$11,700	$2,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$83,200**	**$11,400**	**$16,200**	**$9,200**
Importance Code A	$35,500	$800	$1,000	$600
Importance Code B	$47,000	$10,600	$15,200	$8,700
Importance Code C	$800			
Total	**$83,200**	**$11,400**	**$16,200**	**$9,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 235 - BK MINISCHOOL
Asset # : 2872

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$26,200	2050	* *	5	$37,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Metal Trim Throughout								
Windows								
Aluminum	100%	Now	$52,600	2038	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Windows								
Explanation : Rusted Window Guards								
Parapets								
Metal Panel	100%			2050	* *	5		
Roof								
IRMA/Protected Membrane	10%			2030	$114,100	10	$4,800	
Metal Panel	90%			2043	* *	10	$79,500	
Soffits								
Metal Panel	100%	Now	$1,500	2040	* *	5	$2,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Canopy At Rear								
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$1,200	
Quarry Tile	5%			2043	* *	5	$1,800	
Vinyl Tile	90%	0-2	$12,200	2035	* *	3	$8,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$1,500	
Gypsum Board	95%			LIFE	* *	5	$17,600	
Ceilings								
AcousTileSusp.Lay-In	80%			2043	* *	5	$19,700	
Metal Panel	20%			LIFE	* *	5	$6,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : Main Service Switch Rated At 800 Amperes.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 235 - BK MINISCHOOL
Asset # : 2872

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2040	* *	5	$400	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Molded Case Bkrs	100%			2038	* *	5	$400	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	$250,400	10	$15,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2030	$14,100	10	$2,000	
Exit, Service	50%			2030	$3,600	1		
Exterior Lighting								
HID	100%			2030	$78,400	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$9,500	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors.								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Control Panel Also Control Main School Building.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	30%			2050	* *	1		
Natural Gas	70%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK MINISCHOOL

Asset # : 2872

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	70%	Now	$7,300	2030	$36,600	1	$5,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : The Louvers Of Furnace Are Inoperable In Penthouse								
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Exterior Unit For Cafeteria								
Other Observation, Extent : Light, Area Affected : 70%								
Location : 2 Interiors Of Penthouse And 1 Exterior								
Explanation : 3 Units								
Radiant Heater	30%			2030	$131,100	2	$2,300	
Terminal Devices								
Induction Unit	30%			2033	$18,700	1	$1,600	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$21,900	
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$195,500	2040	* *	1	$9,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Heat Rejection								
Air Cooled Condenser Unit	100%	Now	$29,200	2040	* *	2	$9,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,400	
Exhaust Fans								
Interior	90%			2030	$67,000	2	$500	
Roof	10%			2030	$3,300	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$215,700	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 235 - BK MINISCHOOL
Asset # : 2872

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 236 - BK**		
Address	: **6302 AVENUE U BTWN: EAST 63 ST., EAST 64 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K236**
Program / Asset #	: **BOE0531.000 / 2551**	**Yr Built/Renovated**	: **1933 / 2011**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2**		
Block	: **8464** **Lot** : **1**	**BIN**	: **3326821**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$865,900	$1,680,700
Interior Architecture	$6,352,200	$320,900
Electrical	$265,100	$543,500
Mechanical	$201,700	$320,400
Total	**$7,684,900**	**$2,865,500**
Importance Code A	$865,900	$1,680,700
Importance Code B	$6,697,600	$1,184,800
Importance Code C	$121,300	
Total	**$7,684,900**	**$2,865,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$12,100	$17,500	
Interior Architecture	$51,200	$22,800	$4,800	
Electrical	$24,700	$2,200	$2,000	$2,300
Mechanical	$13,100	$12,200	$18,600	$14,500
Total	**$88,900**	**$49,200**	**$43,000**	**$16,800**
Importance Code A	$7,500	$19,800	$25,100	$7,500
Importance Code B	$59,600	$29,400	$17,900	$9,300
Importance Code C	$21,800			
Total	**$88,900**	**$49,200**	**$43,000**	**$16,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$865,900	LIFE	* *	5	$105,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$4,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	13%			LIFE	* *	5	$12,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	2%			2050	* *	5-10	$18,100	
Windows								
Aluminum	100%			2046	* *	5	$35,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$22,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2050	* *	5	$4,800	
Roof								
Built-Up (BUR)	50%			2030	$557,800	10	$47,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Copper/Terne	2%			2045	* *	10	$4,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	45%			2030	$1,017,700	10	$43,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Panel	3%			2043	* *	10	$5,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$9,700	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	4+	$16,000	2033	$320,900	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Mosaic Tile	1%			2035	* *	5	$2,800	
Quarry Tile	5%			2043	* *	5	$8,500	
Terrazzo	5%			LIFE	* *	5	$4,400	
Vinyl Tile	34%			2035	* *	3	$14,500	
Vinyl Tile 9" X 9"	30%			2025	$6,027,200	3	$12,800	
Wood	15%	Now	$203,700	2045	* *	5	$16,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : 5 Classrooms On 3rd Floor								
Interior Walls								
Cast in Place Concrete	5%	Now	$50,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	3%	Now	$21,800	2039	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,600	
Masonry: Brick	10%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$18,600	
Repairs in Progress, Extent : N/A, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	30%	Now	$71,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Ceilings								
AcousTile,Adhered	5%	4+	$3,700	2035	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	20%			2035	* *	5	$28,500	
AcousTileSusp.Lay-In	5%			2035	* *	5	$5,700	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,800	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$7,100	
Plaster	50%			LIFE	* *	5	$35,600	
Repairs in Progress, Extent : N/A, Area Affected : 30%								
Location : Throughout								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Yard At Rear								
Explanation : Under Construction								
Iron Picket	25%			2050	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Under Construction								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2035	* *			
Pavers/Stone	10%			2033				
Activity Yard								
Asphalt	100%			2033				
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Play Yard								
Explanation : Under Construction								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$175,600	5	$300	
Fused Disc Sw	10%			2050	* *	5		
Raceway								
Conduit	80%			2030	$115,700	1		
Conduit	20%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2029	$26,900	5	$300	
Fused Knife Sw	5%	2-4	$9,000	2055	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	65%			2029	$116,800	5	$1,300	
Molded Case Bkrs	15%			2046	* *	5	$300	
Wiring								
Braided Cloth	75%	2-4	$149,700	2055	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	25%			2050	* *	1		
Motor Controllers								
Locally Mounted	60%			2028	$71,700	5	$300	
Locally Mounted	20%	2-4	$14,300	2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$55,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Auditorium Stage								
Explanation : T-8 Lamps								
LED	20%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Lunch Room								
Explanation : LED Fixtures Installed In 2019.								
Egress Lighting								
Emergency, Battery	50%			2030	$63,800	10	$9,200	
Exit, Service	50%			2030	$16,400	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$5,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$59,600	2040	* *	1-3	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Corridors								
Explanation : Obsolete System.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One Tank Of 9,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$75,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2050	* *			
Terminal Devices								
Air Handler	20%			2035	* *	1	$9,400	
Convector/Radiator	60%			2043	* *	1	$14,700	
Fan Coil Unit/Heat	20%			2035	* *	1	$4,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2035	* *	1	$7,100	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Chiller Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Unit For Auditorium And Cafeteria								
Window/Wall Unit	70%			2025	$201,700	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2040	* *	4	$1,100	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	20%			2035	* *	1	$9,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	95%			2030	$320,400	2	$2,200	
Roof	5%			2030	$7,400	2	$100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 175 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2050	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 236 - BX**		
Address	: **1871 WALTON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X173**
Program / Asset #	: **BOE1168.000 / 14914**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **40,986**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,Ph**		
Block	: **2851** **Lot** : **21**	**BIN**	: **2098479**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$221,400	$60,300
Interior Architecture	$65,000	$1,152,400
Electrical		$1,478,700
Mechanical	$792,100	$792,400
Total	**$1,078,400**	**$3,483,800**
Importance Code A	$221,400	$60,300
Importance Code B	$792,100	$3,423,500
Importance Code C	$65,000	
Total	**$1,078,400**	**$3,483,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$69,500			
Interior Architecture	$56,100		$5,600	$5,800
Electrical	$22,200	$9,100	$6,800	$8,000
Mechanical	$54,900	$35,900	$31,100	$22,900
Site Pavements	$31,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$238,300**	**$48,900**	**$47,500**	**$40,700**
Importance Code A	$73,600	$4,100	$4,100	$4,100
Importance Code B	$152,500	$44,900	$39,400	$36,600
Importance Code C	$12,200		$4,100	
Total	**$238,300**	**$48,900**	**$47,500**	**$40,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX

Asset # : 14914

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%	Now	$10,900	LIFE	* *	5	$31,400	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : West Facade, Play Yard								
Masonry: Brick Cavity	90%			LIFE	* *	5	$120,700	
Windows								
Aluminum	100%	2-4	$93,600	2041	* *	5	$4,900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Various								
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5-10	$92,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5-10	$52,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%	4+	$14,100	2041	* *			
Broken Paver Blocks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2038	* *	5	$9,300	
Interior								
Floors								
Carpet	2%	0-2	$2,200	2029	$21,700	3	$1,800	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%								
Location : Library								
Ceramic Tile	5%			2036	* *	5	$3,100	
Terrazzo	25%			LIFE	* *	5	$24,000	
Vinyl Tile	68%	4+	$23,000	2033	$1,152,400	3	$15,600	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$8,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,500	
Plaster	10%			LIFE	* *	5-10	$13,800	
SGFT/Glazed Masonry	80%			LIFE	* *	10	$65,000	
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$19,100	
AcousTileSusp.Lay-In	70%			2038	* *	5	$42,800	
Gypsum Board	5%			LIFE	* *	5-10	$10,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX

Asset # : 14914

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	5%			2043	* *			
Iron Picket	95%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
Explanation : Glazed Units								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$25,700	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 176th Street								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : 176th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	85%	2-4	$6,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Rubber Matting	15%			2033	$12,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$22,800	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2033	$2,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$162,600	5	$200	
Raceway								
Conduit	100%			2033	$81,000	1		
Panelboards								
Fused Disc Sw	10%			2032	$14,000	5	$100	
Molded Case Bkrs	90%			2032	$125,700	5	$1,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX

Asset # : 14914

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2033	$105,500	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$12,600	
Generators								
Diesel	100%			2029	$138,700	1	$15,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 180 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$9,100	
Fuel Storage								
Day Tank	30%			2032	$7,700	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallons								
Main Tank	70%			2036	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$611,000	10	$37,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	60%			2033	$15,100	1		
Exit, LED	40%			2068	* *	1		
Exterior Lighting								
HID	10%	Now	$9,600	2043	* *			
Outdr Lights On During Daytime, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$76,900	1	$15,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria, Hallway And Offices								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$105,700	1-3	$26,000	

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DEPARTMENT OF EDUCATION - 040
P. S. 236 - BX
Asset # : 14914

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$40,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Air Handler	20%			2038	* *	1	$5,100	
Convector/Radiator	80%			2046	* *	1	$10,600	
Controls								
Pneumatic	100%			2027	$792,100			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2033	$483,700	1	$15,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Split Unit	5%			2033	$48,700			
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2038	* *	1	$20,300	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	80%			2038	* *	2	$22,800	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,200	
Exhaust Fans								
Interior	80%	Now	$14,500	2033	$145,400	2	$800	
Broken, Extent : Severe, Area Affected : 10%								
Location : Kitchen Ventilation Units								
Roof	20%			2033	$15,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX

Asset # : 14914

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$2,500	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2028	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Gallon Tank. Quantity 1								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$20,700	
Sprinkler								
No Component	40%							
Generic	60%			2043	* *	1-2	$6,900	
Fire Pump								
Generic	100%			2042	* *	1	$7,700	
Chemical System								
Generic	100%			2031	$163,200	1-3	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Size Is 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 236 - BX ANNEX**		
Address	: **499 EAST 175 STREET @BATHGATE AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X236**
Program / Asset #	: **BOE0317.000 / 375**	**Yr Built/Renovated**	: **1971 / 2008**
Area Sq Ft	: **9,694**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2917** **Lot** : **40**	**BIN**	: **2009572**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$640,200	
Electrical		$136,700
Mechanical	$94,800	$168,200
Total	**$735,000**	**$304,900**
Importance Code B	$735,000	$304,900
Total	**$735,000**	**$304,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,500		$30,900	
Interior Architecture	$44,400		$500	$1,300
Electrical	$800	$700	$10,700	$700
Mechanical	$9,300	$1,800	$51,400	$1,800
Site Pavements	$2,700			
Total	**$60,700**	**$2,500**	**$93,400**	**$3,800**
Importance Code A	$12,500	$100	$40,700	$100
Importance Code B	$5,900	$2,300	$52,700	$3,600
Importance Code C	$42,300			
Total	**$60,700**	**$2,500**	**$93,400**	**$3,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX ANNEX

Asset # : 375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	48%			LIFE	* *	5	$6,000	
Masonry: Brick	50%			LIFE	* *	5	$10,000	
Metal Panel	2%			2051	* *	5-10	$2,800	
Windows								
Steel	100%	Now	$2,800	2039	* *	5	$11,700	
Unit Inoperable, Extent : Severe, Area Affected : 2%								
Location : Room 117								
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5	$1,900	
Masonry: Brick	50%			LIFE	* *	5	$2,100	
Pre-Cast Concrete	10%	4+	$700	LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Parapet Wall								
Explanation : Loose Missing Flashing								
Roof								
Built-Up (BUR)	100%			2036	* *	10	$30,100	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$15,400	
Interior								
Floors								
Mosaic Tile	5%			2044	* *	5	$1,800	
Vinyl Tile	70%			2036	* *	3	$5,100	
Vinyl Tile 9" X 9"	25%			2026	$640,200	3	$1,400	
Interior Walls								
Concrete Masonry Unit	100%	Now	$42,300	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5	$2,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East 175th Street								
Explanation : Fence Is Metal With Bar Grilles								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	5%			2044	* *			
Pavers/Stone	95%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX ANNEX

Asset # : 375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	4+	$2,700	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Front Play Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$65,000	5		
Raceway								
Conduit	100%			2031	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2030	$1,500	5		
Molded Case Bkrs	95%			2030	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2031	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$8,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,200	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX ANNEX

Asset # : 375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Furnace	30%			2026	$9,000	1	$1,400	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Mechanical Room								
Explanation : One Unit								
Radiant Heater	70%	Now	$8,800	2036	* *	2	$2,500	
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : Various								
Explanation : 3 Out Of 8 Units Not Working								
Terminal Devices								
Fan Coil Unit/Heat	70%			2031	$168,200	1	$2,200	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Throughout								
Explanation : 8 Electric Units								
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	60%			2025	$94,800	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 70%								
Location : Mechanical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various								
Explanation : Building Management System Malfunctioning								
Split Unit	10%			2036	* *			
No Component	30%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2031	$19,600	2	$6,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,400	
Exhaust Fans								
Interior	90%			2026	$38,700	2	$300	
Roof	10%			2026	$1,900	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Hot Water Circulating Pump Broken								

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DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX ANNEX

Asset # : 375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 238 - BK**		
Address	: **1633 EAST 8 STREET BTWN: AVE. P, QUENTIN RD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K238**
Program / Asset #	: **BOE0532.000 / 1325**	**Yr Built/Renovated**	: **1931 / 2002**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6640** **Lot** : **13**	**BIN**	: **3176229**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$189,700	$132,700
Interior Architecture	$338,200	$1,928,100
Electrical	$331,200	$732,800
Mechanical	$881,200	$2,537,300
Site Pavements		$167,400
Total	**$1,740,300**	**$5,498,300**
Importance Code A	$189,700	$132,700
Importance Code B	$1,450,200	$5,075,500
Importance Code C	$100,400	$290,100
Total	**$1,740,300**	**$5,498,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$9,600	$3,400	
Interior Architecture	$120,900	$3,400		$10,200
Electrical	$18,400	$1,700	$1,300	$1,000
Mechanical	$30,000	$12,300	$20,600	$12,300
Site Enclosure	$3,100			
Site Pavements	$24,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$200,700**	**$30,900**	**$29,300**	**$27,400**
Importance Code A	$8,700	$18,500	$12,100	$8,700
Importance Code B	$137,100	$12,400	$17,200	$18,700
Importance Code C	$54,800			
Total	**$200,700**	**$30,900**	**$29,300**	**$27,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$51,900	
Masonry: Brick	85%	Now	$132,900	LIFE	* *	5	$80,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : At Chimney								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : Window Lintels								
Masonry: Limestone	8%			LIFE	* *	5	$5,700	
Windows								
Aluminum	100%			2038	* *	5	$29,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,800	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$13,600	
Copper/Terne	5%			2050	* *	5	$4,200	
Masonry: Brick	70%			LIFE	* *	5	$12,300	
Metal Panel	10%			2056	* *	5	$6,800	
Roof								
Copper/Terne	5%			2045	* *	10	$7,500	
Modified Bitumen	95%			2035	* *	10	$56,700	
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$19,100	2033	$382,200	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	5%	4+	$8,900	2035	* *	5	$5,100	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Auditorium Entrance								
Terrazzo	5%			LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 1st Floor Entrance								
Traffic Topping	5%	0-2	$97,000	2040	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Stairs								
Vinyl Tile	55%	4+	$41,200	2035	* *	3	$28,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Corridor								
Vinyl Tile 9" X 9"	5%	Now	$59,800	2030	$1,196,500	3	$2,500	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : 4th Floor Classroom								
Wood	20%	4+	$80,900	2045	* *	5	$25,400	
Deflection Evident, Extent : Light, Area Affected : 50%								
Location : Classrooms Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Classrooms Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$14,500	2033	$290,100	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Glass: Single Pane	5%	2-4	$6,400	LIFE	* *	5	$4,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Stairwells								
Masonry: Brick	25%	Now	$100,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Over Windows								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corner Columns In Gymnasium								
Marble Panels	5%			LIFE	* *			
Plaster	60%	2-4	$30,800	LIFE	* *	5	$19,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout								
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$6,800	
Exposed Struc: Concrete	25%			LIFE	* *	5	$5,300	
Plaster	70%			LIFE	* *	5	$59,300	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%	Now	$3,100	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gate At Main Entrance								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,200	2043	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout At Tree Pits								
On-Site Walkways								
Cast in Place Concrete	80%			2043	* *			
Masonry: Granite	20%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	70%	2-4	$11,800	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	5%	2-4	$3,300	2033	$167,400			
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : Old Tree Pit								
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2029	$47,900	5	$400	
Molded Case Bkrs	70%			2029	$167,600	5	$1,600	
Molded Case Bkrs	10%			2038	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$262,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2035	* *	10	$68,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	15%			2035	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$73,900	10	$10,600	
Exit, Service	50%			2030	$19,000	1		
Exterior Lighting								
HID	20%	Now	$16,400	2030	$82,100			
Not in Service, Extent : Light, Area Affected : 25%								
Location : Outside Perimeter								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$10,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$87,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	20%			2050	* *			
Steam Piping/Pump	80%			2030	$563,800			
Terminal Devices								
Air Handler	20%			2035	* *	1	$10,900	
Convector/Radiator	50%			2028	$359,800	1	$14,200	
Fan Coil Unit/Heat	30%			2025	$654,500	1	$8,500	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	50%			2025	$166,700	1		
Window/Wall Unit	30%	0-2	$60,000	2030	$100,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,100	
Exhaust Fans								
Interior	100%			2030	$390,300	2	$2,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$1,123,400	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gallon								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$17,600	4	$1,900	
Backflow Preventer								
No Component	80%							
Generic	20%			2030	$7,900	1	$1,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : One Unit, Elevator Is 80 Years Old And Not Reliable								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 239 - Q**
Address : **17-15 WEIRFIELD STREET @ CYPRESS AVENUE**
Borough : **QUEENS**
Agency's Number : **Q239**
Program / Asset # : **BOE1034.000 / 13587**
Yr Built/Renovated : **2003 / 2019**
Area Sq Ft : **92,000**
Project Type : **EDUCATION**
Date of Survey : **10-Mar-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4,Ph**
Block : **3561** **Lot** : **1** **BIN** : **4435561**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$104,000	$93,300
Interior Architecture	$56,000	$56,000
Electrical	$83,500	
Mechanical	$1,282,600	$218,500
Total	**$1,526,100**	**$367,800**
Importance Code A	$104,000	$93,300
Importance Code B	$1,422,200	$274,500
Total	**$1,526,100**	**$367,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,100	$5,600		$4,800
Interior Architecture	$24,900	$24,700	$3,400	$14,800
Electrical	$9,200	$10,100	$9,000	$22,100
Mechanical	$43,500	$46,300	$37,300	$54,000
Site Enclosure	$1,000			
Site Pavements				$38,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$133,600**	**$94,700**	**$57,500**	**$141,900**
Importance Code A	$56,200	$14,700	$9,100	$14,100
Importance Code B	$56,100	$80,000	$45,000	$127,800
Importance Code C	$21,200		$3,400	
Total	**$133,600**	**$94,700**	**$57,500**	**$141,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	8%	Now	$104,000	LIFE	* *	5	$6,400	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : At Lintels In All Stairs								
Masonry: Brick Cavity	73%			LIFE	* *	5	$93,300	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$12,000	
Metal Panel	2%			2052	* *	5-10	$17,600	
Pre-Cast Concrete	10%	Now	$18,500	LIFE	* *	5	$41,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : 4th Story Panels And Penthouse								
Weathering Steel	2%			LIFE	* *	1		
Windows								
Aluminum	95%			2048	* *	5	$16,600	
Metal Louvers	5%			2041	* *	10	$5,500	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$9,900	
Metal: Cage/Fence	10%			2045	* *	5-10	$9,500	
Pre-Cast Concrete	10%	Now	$2,000	LIFE	* *	5	$7,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping Stones								
Roof								
Built-Up (BUR)	97%	Now	$14,900	2037	* *			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 418 And Below Generator								
Skylight, Plastic	3%			2037	* *	1		
Soffits								
Stucco Cement	100%	Now	$11,600	2045	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 4th Story Canopy								
Interior								
Floors								
Carpet	2%			2028	$61,900	3	$5,300	
Cast in Place Concrete	12%			LIFE	* *	5	$46,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Basement And Penthouse								
Explanation : Epoxy Paint Coating								
Ceramic Tile	3%			2035	* *	5	$5,300	
Quarry Tile	5%			2045	* *	5	$13,100	
Sheet Vinyl/Rubber	5%			2037	* *	5	$13,100	
Terrazzo	5%			LIFE	* *	5	$6,800	
Vinyl Tile	63%			2037	* *	3	$41,400	
Wood	5%			2047	* *	5	$16,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$6,700	
Concrete Masonry Unit	8%	4+	$20,200	LIFE	* *	5	$4,300	
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : 1st Floor Corridor By Custodians Office								
Concrete Masonry Unit	47%			LIFE	* *	5	$25,300	
Glass: Single Pane	3%			LIFE	* *	5	$3,000	
Gypsum Board	6%			LIFE	* *	5	$4,800	
Metal: Cage/Fence	3%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	3%			LIFE	* *	5	$16,100	
Ceilings								
AcousTileSusp.Lay-In	8%	Now	$4,700	2045	* *	5	$7,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 418								
AcousTileSusp.Lay-In	64%			2045	* *	5	$112,100	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse And Basement								
Explanation : This Component Is Actually Metal Decking								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$21,900	
Metal Panel	3%			LIFE	* *	5	$6,600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	80%			2067	* *			
Masonry: Brick	20%	Now	$1,000	2052	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Gate Posts On Weirfield Ave								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	75%			2037	* *			
Panel/Paver: Concrete	25%			2042	* *			
Activity Yard								
Asphalt	85%			2041	* *			
Rubber Matting	15%			2027	$38,300			
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Pre-K Playground On Weirfield								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches Rated At 3,000 Amperes, 2,000 Amperes And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Vertical Sections								
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$300	
Molded Case Bkrs	85%			2048	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	98%			2045	* *	5	$600	
Variable Frequency Drive	2%			2037	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$28,300	
Generators								
Diesel	100%			2041	* *	1	$35,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$20,500	
Fuel Storage								
Day Tank	50%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallons Rated Capacity								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2037	* *	10	$81,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2037	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby, Hallways And Auditorium Walls								
HID	1%	Now	$200	2037	* *			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Explanation : Fixtures Are Not Working Properly.								
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, LED	50%			2060	* *	1		
Exterior Lighting								
HID	10%			2032	$42,900	10		
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$17,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Basement								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$91,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$14,700	2052	* *			
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : All F And T, Various Locations								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Defective Vacuum Pumps								
Terminal Devices								
Air Handler	35%			2037	* *	1	$19,900	
Convector/Radiator	30%			2045	* *	1	$8,900	
Fan Coil Unit/Heat	35%			2037	* *	1	$10,400	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%	0-2	$61,100	2027	$1,221,500	1	$34,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Penthouse 1 Of 2 Units								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Equipment Room								
Split Unit	10%			2032	$218,500			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$6,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$56,900	
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$64,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,300	
Exhaust Fans								
Interior	70%			2037	* *	2	$2,000	
Roof	30%			2037	* *	2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,900	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,500	
Backflow Preventer								
Generic	100%			2037	* *	1	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : On The 1st Floor								
Explanation : Located One Floor Above Water Meter Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$46,400	
Sprinkler								
Generic	100%			2052	* *	1-2	$25,800	
Fire Pump								
Generic	100%			2041	* *	1	$17,200	
Chemical System								
No Component	97%							
Generic	3%			2030	$2,400	1-3	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 24 - BX**		
Address	: **660 WEST 236 STREET @ INDEPENDENCE AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X024**
Program / Asset #	: **BOE0171.000 / 501**	**Yr Built/Renovated**	: **1953 / 2010**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5917** **Lot** : **140**	**BIN**	: **2085869**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$253,800	$104,400
Interior Architecture	$1,340,900	$55,900
Electrical	$289,600	$318,300
Mechanical	$701,900	$987,300
Site Pavements	$159,900	
Total	**$2,746,200**	**$1,465,900**
Importance Code A	$253,800	$104,400
Importance Code B	$2,492,400	$1,361,500
Total	**$2,746,200**	**$1,465,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$15,300		$56,000	$6,300
Interior Architecture	$36,900	$3,800	$15,200	$13,300
Electrical	$2,100	$2,000	$81,700	$2,800
Mechanical	$23,400	$16,300	$38,100	$13,900
Site Enclosure	$37,300			
Total	**$115,100**	**$22,100**	**$190,900**	**$36,400**
Importance Code A	$24,800	$9,500	$65,700	$15,800
Importance Code B	$47,300	$12,600	$125,200	$20,600
Importance Code C	$43,000			
Total	**$115,100**	**$22,100**	**$190,900**	**$36,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	$181,900	LIFE	* *	5	$104,400	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : South Facade At 2nd Floor								
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : Street Facade								
Masonry: Limestone	5%			LIFE	* *	5	$4,100	
Windows								
Aluminum	50%	Now	$71,900	2047	* *	5	$6,600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles								
Aluminum	48%			2047	* *	5	$12,600	
Glass Block	2%			LIFE	* *	5	$300	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$7,500	
Masonry: Limestone	10%			LIFE	* *	5	$1,100	
Metal Rail	5%			2044	* *	5-10	$7,900	
Roof								
Copper/Terne	5%			2046	* *	10	$9,300	
IRMA/Protected Membrane	30%	4+	$10,500	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Corridor 2nd Floor Near Room 235								
Modified Bitumen	63%			2036	* *	10	$46,700	
Skylight, Metal/Glass	2%			2051	* *	10	$4,900	
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$26,600	
Ceramic Tile	5%			2040	* *	5	$7,600	
Terrazzo	2%			LIFE	* *	5	$2,400	
Vinyl Tile	70%			2036	* *	3	$53,200	
Vinyl Tile 9" X 9"	5%			2026	$1,340,900	3	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Classrooms B9 And B5								
Explanation : 9x9 Tiles								
Wood	10%			2046	* *	5	$28,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$11,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,000	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	3%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$35,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%	0-2	$18,000	2036	* *	5	$14,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Exposed Struc: Concrete	25%			LIFE	* *	5	$5,800	
Metal Panel	30%			LIFE	* *	5	$55,900	
Recent Replace Evident, Extent : N/A, Area Affected : 30%								
Location : 2nd Floor Corridor Of Wing Addition								
Plaster	30%			LIFE	* *	5	$28,000	
Site Enclosure								
Fence/Gates								
Chain Link	10%	Now	$37,300	2061	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Iron Picket	80%			2066	* *			
Metal: Cage/Fence	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : On Roof								
Explanation : Guard Rail Fence								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$96,500	2044	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 235th Street								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Independence Avenue								
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			
Activity Yard								
Asphalt	95%	4+	$63,500	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Play Yard								
Rubber Matting	5%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	4%			2047	* *	5	$100	
Fused Disc Sw	6%			2030	$14,400	5	$100	
Molded Case Bkrs	80%			2047	* *	5	$2,000	
Molded Case Bkrs	10%			2030	$24,000	5	$300	
Wiring								
Braided Cloth	70%	2-4	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Thermoplastic	10%			2031	$29,200	1		
Motor Controllers								
Locally Mounted	30%			2044	* *	5	$200	
Locally Mounted	70%			2029	$83,600	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	97%			2036	* *	10	$85,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$11,600	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2039	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Entrance Lobby And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2026	$18,000	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$49,500	1-3	$11,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Pull Box Station, Bell And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$95,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Central Plant Steam Piping/Pmp	100%			2057	* *	4	$7,100	
Recent Installation, Extent : N/A, Area Affected : 25%								
Location : New Steam Piping At Basement Tied To Old Piping								
Terminal Devices								
Air Handler	20%			2026	$361,300	1	$11,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement Fan Room								
Convector/Radiator	80%			2029	$628,000	1	$24,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Steam Traps Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	80%			2029	$290,900	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,500	
Exhaust Fans								
Interior	80%			2026	$340,600	2	$2,400	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Sub-basement And Penthouse Fan Rooms								
Roof	20%	Now	$7,500	2031	$37,300	2	$500	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Locations. 5 Exhaust Fans Are Not Working Due To Motor And Belt Problem.								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$68,300	2		
Sanitary Piping								
Cast Iron	95%			LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Corroded At Basement								
Cast Iron	5%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	95%			LIFE	* *	1		
Cast Iron	5%	Now	$800	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Storm Drain Piping Cracked At Basement								
Sump Pump(s)								
Non-Submersible	20%	Now	$800	2036	* *	4	$400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room Pit, 2 Of 2 Defective Sump Pumps								
Non-Submersible	80%			2026	$15,400	4	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room Pit								
Backflow Preventer								
Generic	100%			2036	* *	1	$5,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 241 - BK**
Address : **976 PRESIDENT STREET BTWN: CLASSON AVE., FRANKLIN AVE**
Borough : **BROOKLYN**
Agency's Number : **K241**
Program / Asset # : **BOE0535.000 / 2545**
Yr Built/Renovated : **1931 / 1999**
Area Sq Ft : **66,000**
Project Type : **EDUCATION**
Date of Survey : **19-Jun-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1188** **Lot** : **1** **BIN** : **3029702**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$440,200	$237,000
Interior Architecture	$817,000	$52,400
Electrical	$581,500	$335,900
Mechanical	$779,800	$1,153,200
Site Pavements	$102,100	$450,800
Total	**$2,720,500**	**$2,229,200**
Importance Code A	$440,200	$237,000
Importance Code B	$2,178,300	$1,992,200
Importance Code C	$102,100	
Total	**$2,720,500**	**$2,229,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$56,400			
Interior Architecture	$48,800	$49,900	$1,200	
Electrical	$13,900	$1,300	$1,500	$1,100
Mechanical	$111,800	$9,100	$15,400	$9,100
Site Pavements	$10,000			
Total	**$240,800**	**$60,300**	**$18,100**	**$10,200**
Importance Code A	$67,900	$6,700	$6,500	$6,500
Importance Code B	$125,600	$53,600	$11,600	$3,700
Importance Code C	$47,300			
Total	**$240,800**	**$60,300**	**$18,100**	**$10,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$68,100	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$53,200	
Masonry: Brick	85%			LIFE	* *	5	$115,700	
Windows								
Aluminum	100%	2-4	$226,800	2038	* *	5	$11,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$26,700	LIFE	* *	5	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : East Roof								
Crazing, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Northwest Roof								
Copper/Terne	10%	2-4	$17,900	2065	* *	5	$2,800	
Open Joints, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	80%	Now	$118,900	LIFE	* *	5	$9,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	94%			2035	* *	10	$94,400	
Built-Up (BUR)	1%	2-4	$11,700	2035	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : East Roof								
Explanation : Open Seam Below Flashing								
Copper/Terne	5%			2058	* *	10	$12,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Terrazzo	5%			LIFE	* *	5	$3,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Main Entry								
Vinyl Tile	30%			2025	$817,000	3	$11,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	10%			2035	* *	3	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Throughout								
Wood	50%			2045	* *	5	$92,400	
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Glass: Single Pane	5%			LIFE	* *	5	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Divider Panels								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Cafeteria, And Main Entry								
Plaster	70%	Now	$46,400	LIFE	* *	5	$28,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Roof Stairwell								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Plaster	80%			LIFE	* *	5	$49,300	
Repairs in Progress, Extent : N/A, Area Affected : 2%								
Location : Room 402 And 419								
Plaster	5%			LIFE	* *	5	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Plaster								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%			2050	* *			
Chain Link	70%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Iron Picket	25%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	2-4	$102,100	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	85%	0-2	$9,000	2033	$450,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	15%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$195,100	2060	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	100%			2030	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Fused Knife Sw	50%	2-4	$89,800	2055	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	40%			2029	$71,800	5	$700	
Wiring								
Braided Cloth	90%	4+	$179,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2030	$20,000	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	5%			2030	$49,200	10	$3,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	95%			2035	* *			
Egress Lighting								
Emergency, Battery	50%	Now	$55,400	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	20%	Now	$12,300	2025	$61,600			
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Timer And Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$12,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 6,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$11,500	2043	* *	1	$58,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers - No.2 Unit Not Working Properly								
Distribution								
Steam Piping/Pump	100%			2030	$528,500			
Terminal Devices								
Air Handler	20%	Now	$5,000	2025	$248,400	1	$7,300	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Feedwater Pump Broken 1 Of 2								
Convector/Radiator	70%			2028	$377,800	1	$14,900	
Fan Coil Unit/Heat	10%			2025	$163,600	1	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%	Now	$39,200	2030	$78,400			
Broken, Extent : Severe, Area Affected : 100%								
Location : Condenser On The Roof								
Window/Wall Unit	30%	Now	$3,800	2025	$75,000	1		
Broken, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	
Exhaust Fans								
Interior	100%	Now	$29,300	2025	$292,700	2	$1,600	
Damaged, Extent : Severe, Area Affected : 10%								
Location : Flexible Duct Connections At Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$168,500	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$16,600	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : 1st Floor And 4th Floor Bathrooms								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor And 4th Floor Bathrooms								
Storm Drain Piping								
Cast Iron	100%	Now	$4,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Basement Near The Alley								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement Near The Alley								
Sump Pump(s)								
Non-Submersible	100%			2030	$13,200	4	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$45,600	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 241 - BK MINISCHOOL**				
Address	: **976 PRESIDENT STREET BTWN: CLASSON AVE., FRANKLIN AVE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K840**
Program / Asset #	: **BOE0535.010 / 454**			**Yr Built/Renovated**	: **1969 / 1997**
Area Sq Ft	: **7,500**			**Project Type**	: **EDUCATION**
Date of Survey	: **06-Aug-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **1188**	**Lot**	: **1**	**BIN**	: **3029702**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$73,100
Interior Architecture		$939,700
Electrical		$71,700
Total		**$1,084,500**
Importance Code A		$73,100
Importance Code B		$1,011,300
Total		**$1,084,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,600	$27,400	$600	
Interior Architecture	$18,700			$1,400
Electrical	$400	$8,000	$200	$300
Mechanical	$400	$1,400	$1,000	$1,400
Site Enclosure	$9,000			
Site Pavements	$1,800			
Total	**$52,900**	**$36,900**	**$1,900**	**$3,000**
Importance Code A	$23,000	$27,800	$1,000	$400
Importance Code B	$19,100	$9,100	$800	$2,700
Importance Code C	$10,800			
Total	**$52,900**	**$36,900**	**$1,900**	**$3,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK MINISCHOOL

Asset # : 454

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$4,600	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Perimeter Foundation Throughout West And South Sides								
Metal Panel	95%			2050	* *	5-10	$100,600	
Windows								
Aluminum	100%			2046	* *	5	$1,300	
Roof								
Metal Panel	100%	Now	$18,000	2043	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Over Mechanical Room And Entry Vestibule								
Soffits								
Metal, Corrugated	100%			2050	* *	1		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,300	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Mechanical Room								
Ceramic Tile	5%	Now	$700	2039	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Vinyl Tile	55%			2030	$185,500	3	$3,400	
Vinyl Tile 9" X 9"	35%	4+	$15,100	2030	$754,200	3	$1,600	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Classrooms Throughout								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$1,900	
Gypsum Board	25%			LIFE	* *	5	$2,900	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	90%			2043	* *	5	$11,000	
Gypsum Board	10%	Now	$2,100	LIFE	* *	5	$1,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Student Toilets								
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$9,000	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$1,800	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 241 - BK MINISCHOOL
Asset # : 454

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2030	$16,200	1		
Panelboards								
Fused Disc Sw	10%			2029	$3,000	5		
Molded Case Bkrs	90%			2029	$26,900	5	$200	
Wiring								
Thermoplastic	100%			2030	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	50%			2035	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Operate With Motion Sensor Via Timer								
No Component	50%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2030	$5,800	1-3	$1,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK MINISCHOOL

Asset # : 454

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		
Conversion Equipment								
Furnace	100%			2038	* *	1	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Equipment Room								
Explanation : 1 Gas Fired Duct Furnace								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Terminal Devices								
Air Handler/Dir Expansion	100%			2035	* *	1		
Heat Rejection								
Air Cooled Condenser Unit	100%			2035	* *	2	$5,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,200	
Exhaust Fans								
Interior	100%			2030	$33,300	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 242 - BK P.S. 279 - BK ANNEX**		
Address	: **100-01 FLATLANDS AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K242**
Program / Asset #	: **BOE0536.000 / 1328**	**Yr Built/Renovated**	: **1935 / 2010**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **8188** **Lot** : **1**	**BIN**	: **3229773**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$863,600	$83,800
Interior Architecture	$5,157,300	$89,400
Electrical	$342,600	$571,500
Mechanical	$1,255,600	$1,276,600
Total	**$7,619,100**	**$2,021,300**
Importance Code A	$863,600	$83,800
Importance Code B	$6,755,500	$1,937,500
Total	**$7,619,100**	**$2,021,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,700		$45,200	
Interior Architecture	$92,700	$2,900	$30,100	$7,400
Electrical	$7,800	$8,400	$31,700	$7,500
Mechanical	$61,500	$11,400	$35,100	$11,400
Site Pavements	$1,200			
Total	**$181,000**	**$22,600**	**$142,000**	**$26,300**
Importance Code A	$37,900	$7,900	$53,300	$7,900
Importance Code B	$99,300	$14,700	$88,700	$18,400
Importance Code C	$43,800			
Total	**$181,000**	**$22,600**	**$142,000**	**$26,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - BK P.S. 279 - BK ANNEX
Asset # : 1328

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$138,100	LIFE	* *	5	$83,800	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Stair Bulkheads A And D								
Masonry: Limestone	20%			LIFE	* *	5	$15,700	
Windows								
Aluminum	90%	Now	$310,700	2039	* *	5	$16,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,100	
Metal Louvers	5%			2034	* *	10	$11,300	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$9,900	
Masonry: Limestone	10%			LIFE	* *	5	$1,500	
Metal Rail	5%			2044	* *	5-10	$10,500	
Roof								
Built-Up (BUR)	80%			2026	$414,900	10	$35,500	
Gravel/Slag Surface, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2046	* *	10	$5,600	
Metal Panel	5%			2036	* *	10	$4,100	
Modified Bitumen	10%			2031	$48,600	10	$4,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2040	* *	5	$5,700	
Terrazzo	5%			LIFE	* *	5	$4,500	
Vinyl Tile	27%			2036	* *	3	$15,500	
Vinyl Tile 9" X 9"	25%	Now	$101,100	2026	$5,056,100	3	$10,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Thresholds								
Wood	28%			2046	* *	5	$60,200	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,000	
Folding Partition	2%			2039	* *	5	$7,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	53%	Now	$38,800	LIFE	* *	5	$23,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 228 At Perimeter Window								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - BK P.S. 279 - BK ANNEX
Asset # : 1328

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$18,400	2036	* *	5	$14,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	27%			LIFE	* *	5	$4,800	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	5%			2031	$89,400			
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Gymnasium And Cafeteria								
Plaster	40%	Now	$27,900	LIFE	* *	5	$28,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkheads A And D								
Site Enclosure								
Fence/Gates								
Chain Link	35%			2041	* *			
Iron Picket	65%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	85%			2036	* *			
Masonry: Granite	15%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$1,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard By Dumpster								
Activity Yard								
Asphalt	70%			2034	* *			
Pavers/Stone	10%			2034	* *			
Rubber Matting	20%			2031				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2031	$97,500	5	$200	
Fused Disc Sw	50%			2041	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040
P. S. 242 - BK P.S. 279 - BK ANNEX
Asset # : 1328

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Fused Toggle Switch	5%			2030	$9,000	5	$100	
Molded Case Bkrs	10%			2039	* *	5	$200	
Molded Case Bkrs	75%			2030	$134,700	5	$1,600	
Wiring								
Braided Cloth	30%			2030	$59,900	1		
Thermoplastic	30%			2041	* *	1		
Thermoplastic	40%			2051	* *	1		
Motor Controllers								
Locally Mounted	20%			2044	* *	5	$100	
Locally Mounted	80%			2029	$95,500	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$69,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2036	* *	10	$2,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Kitchen And Corridor								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2026	$4,900	1		
Emergency, Battery	40%			2031	$53,700	10	$7,700	
Exit, Service	50%			2026	$17,200	1		
Exterior Lighting								
HID	85%			2036	* *	10	$200	
Incandescent	15%			2026	$64,300	2		
Alarm								
Security System								
Generic	100%			2036	* *	1	$29,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$206,400	1-3	$49,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - BK P.S. 279 - BK ANNEX
Asset # : 1328

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	97%			2036	* *	1	$76,900	
Steam Boiler	3%	0-2	$12,600	2036	* *	1	$2,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Defective Lead-lag Controls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$12,800	2041	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Defective Vacuum Pump Controls, 1 Of 4 Defective Pump Seals								
Terminal Devices								
Air Handler	30%			2026	$451,600	1	$14,800	
Convector/Radiator	50%			2029	$327,100	1	$12,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	20%			2026	$396,700	1	$5,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Classrooms								
Explanation : Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	Now	$18,200	2031	$30,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms And Offices, Multiple Mechanical Defects								
Window/Wall Unit	70%			2026	$212,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - BK P.S. 279 - BK ANNEX
Asset # : 1328

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2026	$71,000	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Roof	80%			2026	$124,200	2	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2051	* *	1		
Galvanized Steel	90%			2029	$919,200	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gallons								
Sanitary Piping								
Cast Iron	55%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Old Wing								
Cast Iron	45%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Old Wing								
Sump Pump(s)								
Non-Submersible	100%	Now	$6,400	2036	* *	4	$1,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 1 Of 2 Units Not In Service								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 242 - M (FORMER P. S. 144 - M)**
Address : **134 WEST 122 STREET @ MALCOLM X BLVD.**
Borough : **MANHATTAN**
Agency's Number : **M144**
Program / Asset # : **BOE0087.000 / 2773**
Yr Built/Renovated : **1959 / 2012**
Area Sq Ft : **82,000**
Project Type : **EDUCATION**
Date of Survey : **20-May-2021**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1906** **Lot** : **11**
BIN : **1057683**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,380,600	$54,300
Interior Architecture	$10,235,400	$1,145,600
Electrical	$266,200	$1,376,800
Mechanical	$823,700	$1,422,800
Site Pavements	$451,300	$181,000
Total	**$13,157,200**	**$4,180,600**
Importance Code A	$1,380,600	$54,300
Importance Code B	$11,717,000	$4,126,300
Importance Code C	$59,600	
Total	**$13,157,200**	**$4,180,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,800	$9,400		
Interior Architecture	$153,100			$24,100
Electrical	$5,600	$2,700	$2,100	$43,100
Mechanical	$22,800	$3,500	$10,100	$3,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$228,100**	**$23,500**	**$20,100**	**$78,500**
Importance Code A	$38,800	$9,400		$200
Importance Code B	$160,400	$14,100	$20,100	$78,400
Importance Code C	$28,900			
Total	**$228,100**	**$23,500**	**$20,100**	**$78,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	4+	$32,500	LIFE	* *	5	$54,300	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout Exterior Facade								
Masonry: Brick	75%	Now	$67,100	LIFE	* *	5	$40,700	
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Facade Of Room 157								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Room 225 Along West 122nd Street Facade								
Mosaic Tile	5%	Now	$6,300	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Doorway Entrances On West 122nd Street								
Windows								
Aluminum	100%	Now	$521,100	2040	* *	5	$18,200	
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Due To Aging Lexan Panes Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Windows Are Single Glazed Lexan Panes								
Explanation : Thermally Inefficient								
Parapets								
Masonry: Brick	87%			LIFE	* *	5	$9,600	
Metal: Cage/Fence	3%			2045	* *	5-10	$2,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,900	
Roof								
Metal Panel	3%			2045	* *	10	$6,900	
Modified Bitumen	97%	Now	$792,400	2037	* *			
Blisters, Extent : Severe, Area Affected : 20%								
Location : Throughout Roof								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 3rd And 2nd Floor Classrooms								
Soffits								
Stucco Cement	100%			2045	* *	5	$2,000	
Interior								

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DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	4+	$21,500	LIFE	* *	5	$27,600	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	Now	$17,800	2035	* *	5	$3,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Bathrooms And Kitchen								
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	30%	0-2	$20,900	2032	$1,047,100	3	$14,200	
Adhesion Failure, Extent : Severe, Area Affected : 5%								
Location : Classroom 157								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Vinyl Tile 9" X 9"	45%	Now	$200,700	2027	$10,034,700	3	$21,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : 3rd And 2nd Floor Classrooms, Offices, 1st Floor Classrooms								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Corridor								
Wood	5%			2047	* *	5	$11,800	
Interior Walls								
Ceramic Tile	5%	Now	$28,900	2035	* *	5	$5,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Base Of Walls In Kitchen And Bathrooms								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Masonry: Brick	10%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$31,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	40%	0-2	$40,700	2037	* *	5	$31,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Corridors Throughout								
AcousTileSusp.Lay-In	10%			2037	* *	5	$12,600	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	5%			2032	$98,500			
Metal Panel	3%	2-4	$2,500	LIFE	* *	5	$4,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Metal Panel	2%			LIFE	* *	5	$3,200	
Plaster	27%	Now	$20,800	LIFE	* *	5	$21,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Classroom 306								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2052	* *			
Iron Picket	15%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$228,400	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Various Locations Along West 122nd Street And West 123rd Street								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : West 122nd Street								
On-Site Walkways								
Cast in Place Concrete	85%			2045	* *			
Masonry: Granite	15%	Now	$59,600	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Entry Landings Along West 122nd Street								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Entry Landings Along West 122nd Street								
Activity Yard								
Asphalt	80%	Now	$163,300	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Play Yard								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Pavers/Stone	5%			2041	* *			
Rubber Matting	15%			2032	$181,000			

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DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	35%			2052	* *	1		
Conduit	65%			2032	$131,200	1		
Panelboards								
Fused Disc Sw	7%			2031	$16,800	5	$100	
Fused Disc Sw	3%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,900	
Wiring								
Braided Cloth	65%	2-4	$189,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	35%			2052	* *	1		
Motor Controllers								
Locally Mounted	95%			2045	* *	5	$500	
Locally Mounted	5%	2-4	$3,600	2052	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$1,173,500	10	$72,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$9,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$76,500	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$30,800	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								

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DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$15,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Smoke Detectors Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	25%			2027	$385,800	1	$12,700	
Convector/Radiator	75%			2030	$502,900	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Window/Wall Unit	70%			2027	$217,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	
Exhaust Fans								
Interior	30%			2027	$109,100	2	$800	
Roof	70%	0-2	$111,400	2042	* *	2	$1,400	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Kindergarten Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, Exhaust Fans Are At Or Approaching Their Useful Life Cycle Limits								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$523,400	1		
HW Heat Exchanger								
Steam Fired	100%			2032	$396,500	4	$12,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Equipment At Or Approaching Its Useful Life Cycle Limit								

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DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$14,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Corroded Storm Drain Piping. Leaking During Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$2,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor.								
Explanation : Broken Urinals								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From Basement To 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 242 - Q**		
Address	: **29-66 137TH STREET @ LINDEN PL.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q242**
Program / Asset #	: **BOE1017.000 / 13444**	**Yr Built/Renovated**	: **2001 /**
Area Sq Ft	: **59,512**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **4371** **Lot** : **173**	**BIN**	: **4462993**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$196,300	$74,200
Electrical		$1,234,700
Mechanical	$360,300	$722,500
Total	**$556,700**	**$2,031,400**
Importance Code A	$248,200	$74,200
Importance Code B	$308,500	$1,957,200
Total	**$556,700**	**$2,031,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,000		$1,300	
Interior Architecture	$150,700		$36,700	$7,300
Electrical	$46,100	$12,100	$10,400	$10,800
Mechanical	$82,600	$72,900	$44,000	$46,500
Site Enclosure	$4,100			
Site Pavements	$6,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$334,200**	**$93,000**	**$100,400**	**$72,500**
Importance Code A	$36,000	$5,900	$7,200	$5,900
Importance Code B	$249,300	$87,100	$93,200	$61,600
Importance Code C	$48,900			$5,000
Total	**$334,200**	**$93,000**	**$100,400**	**$72,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$148,400	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$14,600	
Windows								
Aluminum	97%	4+	$7,600	2049	* *	5	$4,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Exterior Window Sills								
Metal Louvers	3%			2042	* *	10	$1,500	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$23,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
No Component	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Upper Roof Edge								
Explanation : Metal Guard Railing								
Roof								
Modified Bitumen	98%	Now	$122,200	2038	* *			1
Seams Open/Split, Extent : Severe, Area Affected : 100%								
Location : At Pitch Pockets								
Single Ply Membrane	2%			2038	* *	10	$800	
Soffits								
Stucco Cement	100%			2046	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Facade Soffit								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$97,400	
Ceramic Tile	5%			2042	* *	5	$4,500	
Vinyl Tile	70%			2038	* *	3	$23,400	
Interior Walls								
Ceramic Tile	15%			2042	* *	5	$10,100	
Concrete Masonry Unit	30%			LIFE	* *	5	$16,100	
Folding Partition	5%			2049	* *	5	$8,400	
Glass: Single Pane	5%			LIFE	* *	5	$5,000	
Gypsum Board	20%			LIFE	* *	5-10	$22,900	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$8,400	
Ceilings								
AcousTileSusp.Lay-In	65%			2046	* *	5	$57,900	
Exposed Struc: Steel	25%			LIFE	* *	10	$44,500	
Gypsum Board	10%			LIFE	* *	5-10	$30,600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	10%			2068	* *			
Cast in Place Concrete	5%	Now	$4,100	2053	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Cap Stones Of Brick Piers								
Masonry: Brick	85%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$6,900	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Entry Steps								
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : Main Entry Ramp								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Front Entry Steps								
Explanation : Eroded Joints								
Activity Yard								
Cast in Place Concrete	10%			2046	* *			
Rubber Matting	90%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes And 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	30%			2041	* *	5	$400	
Molded Case Bkrs	70%			2041	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$18,300	
Generators								
Diesel	100%			2036	* *	1	$23,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor Generator Room								
Explanation : Emergency Generator Rated At 230 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$13,300	
Fuel Storage								
Day Tank	18%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Rated Capacity								
Main Tank	82%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2033	$878,300	10	$54,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2033	$8,900	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2033	$18,300	1		
Exit, LED	50%			2048	* *	1		
Exterior Lighting								
HID	10%			2033	$27,800	10		
HID	10%	2-4	$27,800	2043	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$400	
Alarm								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$111,700	1	$22,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$153,500	1-3	$37,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Toilets								
Explanation : Alarm Bells, Manual Pull Station, Strobe Lights, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$51,900	2038	* *	1	$53,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement. Fresh Air Damper Is Not Working								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Tubes Both Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Penthouse								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	10%	Now	$28,600	2053	* *			
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Compressor Control Is Not Working								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Various Locations, Steam Leaking. Vacuum Pump Is Leaking								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Chemical Mixer Is Not Working								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : And All Float And Thermostatic Traps, Basement And Various Locations								
Steam Piping/Pump	90%			2053	* *			
Terminal Devices								
Air Handler	75%	0-2	$168,000	2038	* *	1	$24,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : No. 1 Air Handler Is Not Working. Broken Damper								
Convector/Radiator	20%	0-2	$4,900	2046	* *	1	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fan Coil Unit/Heat	5%			2033	$73,800	1	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%	0-2	$140,500	2038	* *	1	$19,900	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Unit Down For More Than A Year, Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 80%								
Location : 2 Units In Penthouse								
Split Unit	10%			2033	$141,300			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2053	* *	4	$3,500	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2038	* *	1	$29,400	
Fan Coil - 2 Pipe	10%			2038	* *	1	$1,900	
No Component	10%							
Heat Rejection								
Air Cooled Condenser Unit	90%			2033	$139,600	2	$37,300	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,500	
Exhaust Fans								
Interior	50%			2038	* *	2	$900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Return Fan Is Not Working								
Roof	50%	0-2	$2,900	2033	$57,700	2	$700	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Roof. Two Units Are Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$11,900	4	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2041	* *	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st Floor To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$30,000	
Sprinkler								
Generic	100%			2053	* *	1-2	$16,700	
Chemical System								
Generic	100%			2031	$310,100	1-3	$282,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set. Kitchen Fire Suppression System Covers 76 Sqaure Feet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 243 - BK**		
Address	: **1580 DEAN STREET BTWN: TROY AVE, SCHENECTADY AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K243**
Program / Asset #	: **BOE0537.000 / 1329**	**Yr Built/Renovated**	: **1962 / 2000**
Area Sq Ft	: **92,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1347** **Lot** : **1**	**BIN**	: **3035761**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,010,500	
Interior Architecture	$4,459,900	
Electrical	$381,200	$1,092,200
Mechanical	$893,800	$1,403,700
Total	**$8,745,400**	**$2,496,000**
Importance Code A	$3,010,500	$801,900
Importance Code B	$5,734,900	$1,694,100
Total	**$8,745,400**	**$2,496,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,000	$1,300		
Interior Architecture	$23,500	$11,000	$8,700	
Electrical	$14,400	$3,800	$2,700	$2,600
Mechanical	$63,100	$27,200	$16,200	$14,100
Site Pavements	$43,800			
Total	**$202,700**	**$43,400**	**$27,500**	**$16,700**
Importance Code A	$98,100	$10,700	$9,100	$9,100
Importance Code B	$60,900	$32,700	$18,400	$7,600
Importance Code C	$43,800			
Total	**$202,700**	**$43,400**	**$27,500**	**$16,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	15%	Now	$33,200	LIFE	* *	5	$38,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$43,400	
Masonry: Brick	3%	Now	$6,700	LIFE	* *	5	$1,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Chimney								
Masonry: Limestone	2%	Now	$17,100	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Window Surrounds								
Windows								
Aluminum	100%			2038	* *	5	$36,400	
Parapets								
Masonry: Brick	18%			LIFE	* *	5	$2,000	
Metal Panel	2%			2050	* *	5	$900	
No Component	80%							
Roof								
IRMA/Protected Membrane	98%			2025	$2,888,400	10	$122,100	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Metal Panel	2%			2043	* *	10	$4,600	
Soffits								
Cast in Place Concrete	10%	4+	$1,000	LIFE	* *	5	$400	
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Entry Canopy Located At Notheast Corner Of Building								
Stucco Cement	90%			2035	* *	5	$1,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,600	
Ceramic Tile	5%			2039	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	55%			2035	* *	3	$26,100	
Vinyl Tile 9" X 9"	20%			2025	$4,459,900	3	$9,500	
Wood	5%			2045	* *	5	$11,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	$4,200	
Plaster	65%			LIFE	* *	5	$41,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$20,300	2035	* *	5	$15,800	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileSusp.Lay-In	3%			2035	* *	5	$3,800	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$47,400	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2050	* *			
Iron Picket	60%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$43,800	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Side Yard Located On Southwest Corner Of Building								
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	75%			2039	* *			
Rubber Matting	15%			2035	* *			
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : This Is Actually Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches, No Nameplate Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	80%			2029	$191,600	5	$1,900	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$262,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$80,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2030	$77,200	10	$11,100	
Exit, Service	50%			2030	$19,800	1		
Exterior Lighting								
HID	50%	Now	$10,700	2030	$214,600			
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : Rear Yard Fixtures Not Accessible								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Timer								
No Component	50%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2025	$118,700	1-3	$28,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Fire Alarm System Is Old, Alarm Bells and Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$28,500	
Conversion Equipment								
Steam Boiler	100%	0-2	$40,100	2028	$801,900	1	$82,000	
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units In Basement Boiler Room								
Explanation : General Controls Malfunction Including Fresh Air Intake Dampers.								
Distribution								
Steam Piping/Pump	100%	Now	$73,700	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Pumps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Float And Thermostatic Traps In Basement								
Terminal Devices								
Air Handler	20%			2025	$346,300	1	$11,400	
Convector/Radiator	80%			2028	$601,800	1	$23,800	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	2%			2030	$43,700			
Window/Wall Unit	65%			2025	$226,500	1		
No Component	33%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$20,500	
No Component	60%							
Exhaust Fans								
Interior	30%			2025	$122,400	2	$800	
Roof	70%	Now	$12,500	2025	$125,000	2	$1,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Back Ups In Basement During Heavy Rains.								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,300	
Chemical System								
No Component	98%							
Generic	2%	Now	$300	2028	$1,600	1-3	$1,400	
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Malfunctioning Gas Control Valve To Kitchen.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 244 - BK**
Address : **5404 TILDEN AVENUE BTWN: EAST 54 ST., EAST 55 ST.**
Borough : **BROOKLYN**
Agency's Number : **K244**
Program / Asset # : **BOE0538.000 / 2544**
Yr Built/Renovated : **1939 / 1999**
Area Sq Ft : **158,163**
Project Type : **EDUCATION**
Date of Survey : **19-Mar-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **4739** **Lot** : **1** **BIN** : **3104513**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$85,600	$218,300
Interior Architecture	$477,600	$81,400
Electrical	$490,100	$762,200
Mechanical	$405,400	$2,251,300
Total	**$1,458,700**	**$3,313,200**
Importance Code A	$85,600	$244,000
Importance Code B	$1,373,100	$3,069,200
Total	**$1,458,700**	**$3,313,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,500	$38,600	$29,800	
Interior Architecture	$11,700			$23,700
Electrical	$14,600	$36,200	$17,500	$15,400
Mechanical	$76,700	$71,200	$61,300	$33,300
Site Enclosure	$10,900			
Site Pavements	$27,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$162,200**	**$149,900**	**$112,500**	**$76,300**
Importance Code A	$32,200	$54,600	$45,400	$15,700
Importance Code B	$113,300	$95,300	$67,000	$60,700
Importance Code C	$16,700			
Total	**$162,200**	**$149,900**	**$112,500**	**$76,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$52,000	
Masonry: Brick	40%			LIFE	* *	5	$83,200	
Masonry: Brick	5%	Now	$85,600	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Masonry: Brick Cavity	35%			LIFE	* *	5	$72,800	
Masonry: Granite	5%			LIFE	* *	5	$7,800	
Masonry: Limestone	5%			LIFE	* *	5	$7,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$33,800	
Windows								
Aluminum	100%			2046	* *	5	$59,600	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$9,400	
Masonry: Brick Cavity	40%			LIFE	* *	5	$7,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,200	
Pre-Cast Concrete	5%	Now	$3,800	LIFE	* *	5	$5,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
IRMA/Protected Membrane	40%			2035	* *	10	$38,600	
Modified Bitumen	60%	Now	$12,700	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Room 428								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,900	
Ceramic Tile	5%			2039	* *	5	$11,800	
Vinyl Tile	65%	0-2	$85,000	2035	* *	3	$57,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridors On 3rd And 4th Floors								
Uneven Substrate, Extent : Light, Area Affected : 15%								
Location : Corridors On 3rd And 4th Floors								
Vinyl Tile 9" X 9"	15%	0-2	$313,400	2040	* *	3	$13,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Landings And Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : Stair Landings								
Wood	5%			2058	* *	5	$22,200	
Wood	5%			2058	* *	5	$22,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$11,600	
Concrete Masonry Unit	20%			LIFE	* *	5	$18,500	
Gypsum Board	20%			LIFE	* *	5	$27,800	
Masonry: Brick	5%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$20,900	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2043	* *	5	$44,400	
AcousTileSusp.Lay-In	20%			2043	* *	5	$47,300	
Staining/Discoloring, Extent : Light, Area Affected : 2% *Location : Old Cafeteria*								
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,700	
Plaster	55%	Now	$79,200	LIFE	* *	5	$81,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5% *Location : Room 428* *Water Penetration, Extent : Moderate, Area Affected : 5%* *Location : Room 428*								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2050	* *			
Iron Picket	80%	0-2	$10,900	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10% *Location : Throughout* *Deteriorated Finish, Extent : Light, Area Affected : 20%* *Location : Throughout*								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$15,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Throughout*								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%	0-2	$12,800	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Throughout*								

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DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$25,700	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Original Building								
Explanation : Main Service Switch Rated At 1,200 Amperes								
Fused Disc Sw	50%			2050	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room New Building Addition								
Explanation : Main Service Switch Rated At 3,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2030	$146,300	5	$300	
Fused Disc Sw	50%			2050	* *	5	$300	
Raceway								
Conduit	50%			2030	$144,400	1		
Conduit	50%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	45%			2029	$134,700	5	$1,900	
Molded Case Bkrs	50%			2046	* *	5	$2,100	
Wiring								
Braided Cloth	40%	2-4	$159,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$500	
Locally Mounted	50%			2028	$90,700	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,200	
Generic	50%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	50%			2028	$13,400	1	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Original Building Electrical Room								
Explanation : Rating: 260 Amperes								
Automatic	50%			2043	* *	1	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In New Addition								
Explanation : Rating: 800 Amperes								
Generators								
Diesel	100%			2039	* *	1	$61,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 200 Kilowatts								

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DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$35,200	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallon Capacity								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$130,600	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2030	$37,500	10	$100	
Incandescent	2%			2030	$87,600	2	$100	
LED	6%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lighting Fixtures								
Egress Lighting								
Emergency, Battery	50%			2030	$132,700	10	$19,100	
Exit, Service	50%			2030	$34,100	1		
Exterior Lighting								
HID	50%	Now	$73,800	2035	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof Mounted Parapet Fixtures								
HID	50%	Now	$36,900	2035	* *			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Wall Mounted Fixtures								
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$89,100	2040	* *	1	$15,900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$29,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors And Alarm Bells								

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DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$156,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2038	* *	4	$3,900	
Central Plant Steam Piping/Pmp	50%			2050	* *	4	$3,900	
Terminal Devices								
Air Handler	10%			2035	* *	1	$9,800	
Convector/Radiator	60%			2035	* *	1	$30,700	
Fan Coil Unit/Heat	30%			2030	$1,176,400	1	$15,300	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2035	* *	1	$29,300	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : 3 Sets In Basement Air Conditioning Room								
Window/Wall Unit	20%	Now	$12,000	2025	$119,800	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Defective Window Air Conditioning Units Throughout								
No Component	40%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%	Now	$3,100	2050	* *	4	$3,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Glycol Leaks At Various Locations								
No Component	60%							
Terminal Devices								
Fan Coil - 4 Pipe	40%			2035	* *	1	$20,400	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2030	$109,900	2	$44,100	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%	Now	$56,100	2030	$561,200	2	$3,100	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement Fan Room								
Explanation : One Fan Broken								
Roof	20%			2035	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%	Now	$20,200	2028	$403,800	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Booster Pump Broken								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Unit								
HW Heat Exchanger								
Steam Fired	100%	0-2	$229,400	2060	* *	4	$15,600	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Badly Decayed Hot Water Tank In Old Building								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$3,300	
Backflow Preventer								
Generic	100%			2035	* *	1	$9,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$79,800	
Sprinkler								
No Component	60%							
Generic	40%			2050	* *	1-2	$17,700	
Chemical System								
Wet	2%			2025	$1,600	1-3	$1,700	
No Component	98%							

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DEPARTMENT OF EDUCATION - 040
P. S. 244 - BK
Asset # : 2544

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 244 - Q ACTIVE LEARNING ELEMENTARY**		
Address	: **137-20 FRANKLIN AVE. @ COLDEN ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q244**
Program / Asset #	: **BOE1069.000 / 14415**	**Yr Built/Renovated**	: **2008 /**
Area Sq Ft	: **48,925**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Sep-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **5137** **Lot** : **43**	**BIN**	: **4824853**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$58,500
Interior Architecture		$56,900
Mechanical		$81,600
Total		**$196,900**
Importance Code A		$58,500
Importance Code B		$81,600
Importance Code C		$56,900
Total		**$196,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,500		$4,200	
Interior Architecture	$20,400		$7,500	
Electrical	$3,300	$54,300	$4,800	$3,300
Mechanical	$21,700	$17,400	$14,700	$11,900
Site Enclosure	$1,100			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$63,900**	**$79,600**	**$39,200**	**$23,100**
Importance Code A	$11,900	$2,500	$6,700	$2,400
Importance Code B	$49,300	$77,100	$32,600	$20,700
Importance Code C	$2,600			
Total	**$63,900**	**$79,600**	**$39,200**	**$23,100**

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DEPARTMENT OF EDUCATION - 040
P. S. 244 - Q ACTIVE LEARNING ELEMENTARY
Asset # : 14415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$58,500	
Metal/Glass Curt Wall	20%			LIFE	* *	5	$31,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$27,100	
Windows								
Aluminum	100%			2046	* *	5	$8,500	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$1,100	
Metal Rail	10%			2043	* *	5-10	$2,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$400	
Roof								
IRMA/Protected Membrane	80%	Now	$9,500	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Step Down Roof Above 2nd Floor And 4th Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 405								
Metal Panel	20%			2043	* *	10	$9,200	
Soffits								
Alum/Vinyl Siding	100%			2050	* *	10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$16,000	
Ceramic Tile	5%			2039	* *	5	$3,700	
Quarry Tile	3%			2043	* *	5	$3,300	
Vinyl Tile	82%			2035	* *	3	$22,500	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$3,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Gypsum Board	92%			LIFE	* *	5	$56,900	
Ceilings								
AcousTileSusp.Lay-In	70%	Now	$17,000	2043	* *	5	$25,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 405								
Exposed Struc: Steel	8%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	20%			LIFE	* *	5	$18,300	
Metal Panel	2%			LIFE	* *	5	$1,800	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
P. S. 244 - Q ACTIVE LEARNING ELEMENTARY
Asset # : 14415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	70%			2050	* *			
Iron Picket	30%	4+	$1,100	2065	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Franklin Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Cast in Place Concrete	80%			2043	* *			
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	

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DEPARTMENT OF EDUCATION - 040
P. S. 244 - Q ACTIVE LEARNING ELEMENTARY
Asset # : 14415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$44,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library Area								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$5,900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Building Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$30,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	100%			2035	* *	1	$24,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 244 - Q ACTIVE LEARNING ELEMENTARY
Asset # : 14415

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2035	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units. R-410a Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	25%	0-2	$10,700	LIFE	* *	2-5	$6,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Rooms 303, 407								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$20,500	
Exhaust Fans								
Roof	100%			2035	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Booster Pump. Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$1,900	
Backflow Preventer								
Generic	100%			2038	* *	1	$3,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units From Cellar To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$13,700	
Fire Pump								
Generic	100%			2039	* *	1	$9,100	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 244 - Q ACTIVE LEARNING ELEMENTARY
Asset # : 14415

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 245 - BK**		
Address	: **249 E. 17TH STREET @ BEVERLEY RD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K245**
Program / Asset #	: **BOE1078.000 / 14424**	**Yr Built/Renovated**	: **1963 / 2009**
Area Sq Ft	: **69,217**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5121** **Lot** : **32**	**BIN**	: **3117584**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,774,900	$539,900
Interior Architecture	$872,700	$181,300
Electrical	$124,900	$1,825,100
Mechanical		$157,300
Site Pavements	$178,200	$149,800
Total	**$2,950,700**	**$2,853,400**
Importance Code A	$1,774,900	$539,900
Importance Code B	$800,300	$2,313,500
Importance Code C	$375,500	
Total	**$2,950,700**	**$2,853,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$41,800			
Interior Architecture	$112,800	$3,900	$12,200	$2,600
Electrical	$67,000	$6,500	$7,600	$7,800
Mechanical	$32,600	$16,400	$16,500	$16,900
Site Enclosure	$37,500			
Site Pavements	$87,600			
Total	**$379,300**	**$26,700**	**$36,300**	**$27,300**
Importance Code A	$48,600	$6,900	$6,900	$6,900
Importance Code B	$258,500	$19,900	$27,200	$20,500
Importance Code C	$72,100		$2,200	
Total	**$379,300**	**$26,700**	**$36,300**	**$27,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%	Now	$65,000	LIFE	* *	5	$63,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$1,514,800	LIFE	* *	5	$92,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Masonry: Granite	2%			LIFE	* *	5	$3,100	
Windows								
Aluminum	100%	Now	$29,100	2041	* *	5	$6,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Rooms 104, 204, 208 And 215								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$8,200	LIFE	* *	5	$7,000	
Open Joints, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	85%	0-2	$195,100	LIFE	* *	5	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Coating Over The Brick On The Roof Side Of Parapet Wall Is Peeling								
Slate	5%	Now	$2,900	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Roof								
Asphalt Shingle	30%			2042	* *	10	$3,500	
Built-Up (BUR)	20%			2038	* *	10	$14,100	
Modified Bitumen	50%			2033	$384,100	10	$35,100	
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$22,000	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%			2036	* *	5	$3,100	
Quarry Tile	5%			2050	* *	5	$7,800	
Terrazzo	5%	0-2	$65,400	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Treads								
Vinyl Tile	57%			2038	* *	3	$22,100	
Vinyl Tile 9" X 9"	20%	Now	$365,700	2043	* *	3	$7,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	5%	2-4	$30,900	2061	* *	5	$4,900	
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Gymnasium And Auditorium Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$16,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2036	* *	5	$4,400	
Gypsum Board	5%			LIFE	* *	5-10	$7,600	
Masonry: Brick	15%	0-2	$127,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Plaster	65%	Now	$70,300	LIFE	* *	5	$17,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$2,200	
Ceilings								
AcousTileSusp.Lay-In	2%			2046	* *	5	$2,100	
Embossed Metal	63%			LIFE	* *	5	$58,700	
Metal Panel	5%			LIFE	* *	5	$13,000	
Plaster	10%	Now	$63,000	LIFE	* *	5	$6,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	20%			LIFE	* *	5	$362,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Tongue And Groove Over Wood Purlins								
Site Enclosure								
Fence/Gates								
Chain Link	10%	Now	$3,500	2043	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Iron Picket	90%	Now	$34,100	2053	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Side Yard Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$39,000	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	80%	Now	$9,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Slate	20%			LIFE	* *	5	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	$178,200	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout Parking Lot								
Activity Yard								
Asphalt	60%	Now	$38,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								
Rubber Matting	40%			2033	$149,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Fused Disc Sw	5%			2032	$9,000	5	$100	
Molded Case Bkrs	95%			2041	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Crawl Space								
Explanation : Connected To Main Water Pipe.								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2028	$980,200	10	$60,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Lighting Fixtures Are T-8 Lamps Type. They Are In Satisfactory Condition.								
Incandescent	2%	2-4	$38,400	2043	* *	2		
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Incandescent	1%	Now	$11,500	2033	$19,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bathrooms Floors 1 Through 2, Boiler Room								
Explanation : Insufficient Lighting								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$58,100	10	$8,400	
Exit, Service	50%			2028	$14,900	1		
Exterior Lighting								
HID	20%	0-2	$64,600	2043	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$129,900	1	$25,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Custodian Office								
Explanation : Building Intrusion Alarm System Is Tied In To Central Monitoring Station								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$178,500	1-3	$44,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$68,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	5%	0-2	$1,400	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Piping/Pump	95%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$22,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2031	$157,300	1		
No Component	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Lunch Area And Gymnasium, Auditorium								
Explanation : Lunch Area And Gymnasium, Auditorium Air Condition Equipment Needed								
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$30,600	
No Component	50%							
Exhaust Fans								
Roof	50%			2038	* *	2	$1,100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,100	4	$2,200	
Sewage Ejector(s)								
Electric	100%			2033	$36,200	4	$4,100	
Backflow Preventer								
Generic	100%			2033	$30,900	1	$4,200	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$34,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,000	
Chemical System								
Generic	100%			2028	$40,800	1-3	$40,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 246 - BX (POE CENTER)**		
Address	: **2641 GRAND CONCOURSE @E. KINGSBRIDGE RD.**		
Borough	: **BRONX**	**Agency's Number**	: **X843**
Program / Asset #	: **BOE0340.000 / 329**	**Yr Built/Renovated**	: **1916 / 2009**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **3168** **Lot** : **27**	**BIN**	: **2013830**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$247,700	$89,100
Interior Architecture	$411,400	$2,335,400
Electrical	$254,500	$581,600
Mechanical	$176,200	$902,700
Site Pavements	$73,000	
Total	**$1,162,600**	**$3,908,900**
Importance Code A	$247,700	$89,100
Importance Code B	$914,900	$3,819,700
Total	**$1,162,600**	**$3,908,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$400		$5,000	$5,500
Interior Architecture	$68,000		$5,200	$9,700
Electrical	$1,600	$1,900	$32,200	$1,500
Mechanical	$63,300	$11,600	$22,400	$13,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$137,200**	**$17,500**	**$68,800**	**$33,700**
Importance Code A	$27,400	$6,100	$11,300	$11,600
Importance Code B	$45,100	$11,300	$57,500	$22,100
Importance Code C	$64,800			
Total	**$137,200**	**$17,500**	**$68,800**	**$33,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 246 - BX (POE CENTER)
Asset # : 329

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$42,000	
Copper/Terne	2%			2066	* *	10	$5,000	
Masonry: Brick	83%			LIFE	* *	5	$89,100	
Masonry: Limestone	10%			LIFE	* *	5	$8,100	
Windows								
Aluminum	100%	4+	$247,700	2047	* *	5	$13,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,600	
Recent Repair Evident, Extent : N/A, Area Affected : 80%								
Location : Parapets								
Masonry: Brick	90%			LIFE	* *	5	$20,500	
Recent Construction, Extent : N/A, Area Affected : 90%								
Location : Parapets								
Roof								
Copper/Terne	2%			2059	* *	10	$2,700	
Modified Bitumen	75%			2039	* *	10	$41,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Skylight, Metal/Glass	3%			2057	* *	10	$5,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Under Construction	20%							
Soffits								
Stucco Cement	100%	0-2	$400	2036	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 246 - BX (POE CENTER)
Asset # : 329

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,500	
Ceramic Tile	3%	Now	$69,700	2046	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Poured Epoxy/Resin	5%	Now	$57,700	2031	$288,600			
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Basement Library								
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	70%	Now	$99,600	2031	$1,992,100	3	$27,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vinyl Tile	5%			2039	* *	3	$2,600	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Cafeteria And 2nd Floor Corridor								
Wood	5%	Now	$184,300	2071	* *	5	$4,800	
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Multipurpose Room								
Interior Walls								
Gypsum Board	70%	Now	$18,600	LIFE	* *	5	$39,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Masonry: Fieldstone	10%			LIFE	* *			
Plaster	20%	Now	$46,200	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Classrooms, Stairwells								
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$10,300	
AcousTileSusp.Lay-In	5%			2044	* *	5	$5,200	
Plaster	85%			LIFE	* *	5	$54,700	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2051	* *			
Iron Picket	90%			2066	* *			
Retaining Walls								
Cast in Place Concrete	80%			2066	* *			
Masonry: Fieldstone	20%			2031				
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$73,000	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Creston Avenue, East Kingsbridge Road								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 246 - BX (POE CENTER)
Asset # : 329

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$156,100	5	$200	
Fused Disc Sw	20%			2051	* *	5	$100	
Raceway								
Conduit	95%			2031	$137,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	3%			2047	* *	5		
Fused Disc Sw	7%			2030	$12,600	5	$100	
Molded Case Bkrs	85%			2030	$152,700	5	$1,400	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Braided Cloth	70%	0-2	$139,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Thermoplastic	20%			2031	$39,900	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$300	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$55,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Boiler Room Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 246 - BX (POE CENTER)
Asset # : 329

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$7,500	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$57,900	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	95%							
Generic	5%			2059	* *	5		
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$23,300	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Pull Box Station, Alarm Bells, Horn, Smoke Detector And Fire-alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$27,000	2044	* *	1	$55,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Feed Pump Leaking At Basement								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Chemical Feed Pump Malfunctioning At Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2051	* *	4	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 246 - BX (POE CENTER)
Asset # : 329

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%	0-2	$25,300	2029	$507,000	1	$18,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 5 Percent Steam Traps Are Malfunctioning At Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2036	* *			
Window/Wall Unit	75%			2026	$176,200	1		
No Component	20%							
Ventilation								
Exhaust Fans								
Wall Unit	10%			2026	$2,700	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%	0-2	$7,900	2029	$395,800	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement Boiler Room								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$31,300	
Sprinkler								
Generic	100%			2041	* *	1-2	$17,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 247 - BK**		
Address	: **7000 21 AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K247**
Program / Asset #	: **BOE0540.000 / 2746**	**Yr Built/Renovated**	: **1937 / 2001**
Area Sq Ft	: **79,250**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Apr-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **6174** **Lot** : **36**	**BIN**	: **3157466**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$440,000	$85,800
Interior Architecture	$319,600	$1,691,200
Electrical	$666,500	$441,700
Mechanical	$352,500	$848,400
Total	**$1,778,600**	**$3,067,200**
Importance Code A	$440,000	$85,800
Importance Code B	$1,190,400	$2,596,000
Importance Code C	$148,200	$385,400
Total	**$1,778,600**	**$3,067,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,800			$3,900
Interior Architecture	$62,800		$5,400	$3,500
Electrical	$64,700	$2,600	$2,200	$2,900
Mechanical	$34,400	$15,300	$18,800	$34,300
Total	**$221,800**	**$17,900**	**$26,400**	**$44,700**
Importance Code A	$67,900	$7,800	$7,800	$11,800
Importance Code B	$102,600	$10,000	$18,600	$29,400
Importance Code C	$51,300			$3,500
Total	**$221,800**	**$17,900**	**$26,400**	**$44,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$353,400	LIFE	* *	5	$85,800	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 402, 420								
Masonry: Granite	5%			LIFE	* *	5	$4,000	
Masonry: Limestone	15%			LIFE	* *	5	$12,100	
Windows								
Aluminum	100%	2-4	$86,600	2045	* *	5	$18,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$1,300	
Masonry: Brick	90%	Now	$18,800	LIFE	* *	5	$7,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	8%	0-2	$6,100	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Roof Parapet								
Roof								
Built-Up (BUR)	95%	2-4	$34,900	2034	* *			
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Copper/Terne	5%			2057	* *	10	$3,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,400	
Ceramic Tile	5%			2038	* *	5	$6,100	
Marble Panels	5%			LIFE	* *	5	$4,600	
Terrazzo	5%	2-4	$11,500	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%			2029	$1,188,300	3	$16,100	
Wood	45%			2044	* *	5	$103,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$26,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2032	$385,400	5	$7,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	2-4	$24,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	50%	2-4	$85,200	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$63,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	15%	2-4	$55,600	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	85%	Now	$63,900	LIFE	* *	5	$65,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Room 420								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2039	* *			
Iron Picket	90%			2064	* *			
Retaining Walls								
Cast in Place Concrete	100%			2064	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2034	* *			
Activity Yard								
Asphalt	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2029	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2029	$175,600	5	$300	
Fused Disc Sw	10%			2055	* *	5		
Raceway								
Conduit	75%			2029	$108,400	1		
Conduit	20%			2049	* *	1		
Conduit	5%			2055	* *	1		
Panelboards								
Fused Disc Sw	3%			2045	* *	5	$100	
Fused Disc Sw	7%			2028	$12,600	5	$100	
Molded Case Bkrs	30%			2045	* *	5	$600	
Molded Case Bkrs	60%			2028	$107,800	5	$1,300	
Wiring								
Braided Cloth	50%	2-4	$99,800	2054	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2049	* *	1		
Thermoplastic	25%			2029	$49,900	1		
Thermoplastic	5%			2055	* *	1		
Motor Controllers								
Locally Mounted	60%			2027	$71,700	5	$300	
Locally Mounted	40%			2042	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	88%			2037	* *	10	$64,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2034	* *	10	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$9,600	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2024	$369,800	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$44,600	1	$8,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2024	$61,300	1-3	$15,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2049	* *	1		
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$78,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2039	* *	4	$3,900	
Terminal Devices								
Air Handler	20%			2029	$298,300	1	$9,800	
Convector/Radiator	80%			2034	* *	1	$20,500	
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2029	$233,800	1	$7,400	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	50%			2024	$150,100	1		
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2034	* *	1	$9,800	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2029	$32,100	2	$11,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2029	$316,300	2	$2,200	
Roof	10%			2024	$15,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2039	* *	1		
Galvanized Steel	20%			2027	$202,300	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$6,300	2034	* *	4	$1,700	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2039	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 249 - BK**		
Address	: **18 MARLBOROUGH ROAD @CATON AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K249**
Program / Asset #	: **BOE0541.000 / 1302**	**Yr Built/Renovated**	: **1951 / 2011**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5075** **Lot** : **1**	**BIN**	: **3116438**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$540,000	$1,062,600
Interior Architecture	$600,800	$6,415,400
Electrical	$138,700	$322,400
Mechanical	$172,900	$126,600
Total	**$1,452,300**	**$7,927,100**
Importance Code A	$540,000	$1,062,600
Importance Code B	$463,000	$6,783,000
Importance Code C	$449,300	$81,400
Total	**$1,452,300**	**$7,927,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,800			
Interior Architecture	$70,700	$7,300	$1,700	$10,000
Electrical	$6,900	$5,900	$27,300	$5,900
Mechanical	$27,200	$13,900	$34,700	$13,900
Site Enclosure	$9,000			
Site Pavements	$22,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$168,400**	**$35,000**	**$71,500**	**$37,700**
Importance Code A	$31,400	$7,600	$7,800	$7,600
Importance Code B	$128,100	$20,100	$63,700	$30,100
Importance Code C	$9,000	$7,300		
Total	**$168,400**	**$35,000**	**$71,500**	**$37,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$21,200	
Masonry: Brick	80%			LIFE	* *	5	$34,000	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : 3rd Floor Old Building								
Masonry: Limestone	10%	4+	$66,900	LIFE	* *	5	$3,200	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : North And East Sides								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : North And East Face Panels								
Windows								
Aluminum	100%	Now	$154,300	2047	* *	5	$16,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : New Wing West								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : New Wing								
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,100	
Masonry: Brick	75%	4+	$7,700	LIFE	* *	5	$3,000	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : All Sides								
Metal Rail	15%			2044	* *	5-10	$11,000	
Roof								
Metal Panel	5%			2044	* *	10	$9,400	
Modified Bitumen	95%	Now	$318,800	2031	$1,062,600			
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Upper Roof, Various Locations								
Expansion Joint Failure, Extent : Severe, Area Affected : 5%								
Location : Lower Cafeteria Roof								
Ponding, Extent : Severe, Area Affected : 5%								
Location : At Expansion Joint - Cafeteria Roof								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$24,300	
Ceramic Tile	5%	2-4	$15,600	2034	* *	5	$2,800	
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Bathrooms								
Marble Panels	1%			LIFE	* *	5	$800	
Quarry Tile	2%			2036	* *	5	$3,300	
Terrazzo	5%	0-2	$10,400	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Entry Lobby								
Vinyl Tile	47%	Now	$28,800	2031	$1,440,100	3	$19,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	Now	$97,900	2031	$4,893,900	3	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Upper Classrooms								
Wood	5%			2059	* *	5	$10,400	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$14,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,800	
Marble Panels	5%			LIFE	* *			
Plaster	43%			LIFE	* *	5	$37,500	
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Areas Of Water Penetration								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
SGFT/Glazed Masonry	30%	Now	$392,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Wood	7%	4+	$57,300	LIFE	* *	5	$81,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

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DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$10,700	2036	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Cafeteria								
AcousTileConcealSpLn	30%	Now	$53,500	2036	* *	5	$20,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Kitchen, Corridors								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria Corridors								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Repairs In Progress								
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,600	
Plaster	40%			LIFE	* *	5	$27,700	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	2%			2051	* *			
Chain Link	88%	0-2	$9,000	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : West Activity Yard Gate								
Iron Picket	5%			2066	* *			
Masonry: Brick	5%			2051	* *			
Graffiti, Extent : Light, Area Affected : 2%								
Location : South East Corner								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Painted Surface								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Face Old Building								
Explanation : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$22,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East And North Sides								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Asphalt	100%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	93%			2040	* *			
Pavers/Stone	2%			2034	* *			
Rubber Matting	5%			2031	$42,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	20%			2039	* *	5	$400	
Molded Case Bkrs	80%			2039	* *	5	$1,600	
Wiring								
Braided Cloth	10%			2030	$20,000	1		
Thermoplastic	90%			2041	* *	1		
Motor Controllers								
Under Construction	100%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Upgraded 2020								
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$26,800	1	$23,700	
Generators								
Diesel	100%			2027	$138,700	1	$29,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 100 Kilowatt								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$2,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	10%			2030	$2,600	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 25 Gallon Capacity								
Main Tank	90%			2034	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Room Adjacent To Generator Room								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$69,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Service	5%			2031	$2,400	1		
Emergency, Battery	45%			2031	$58,200	10	$8,400	
Exit, Service	50%			2026	$16,600	1		
Exterior Lighting								
Under Construction	100%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2071	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chimney Stack								
Explanation : Installed 2020								
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2061	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Under Construction, Oil Tank Vault Sealed Off								

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DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2051	* *	1	$76,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Under Construction								
Three New Gas Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2061	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Under Construction								
Terminal Devices								
Air Handler	20%			2036	* *	1	$9,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Second Floor Fan Room								
Convector/Radiator	80%			2036	* *	1	$19,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2026	$87,500	1		
Window/Wall Unit	5%	0-2	$8,800	2031	$14,600	1		
Broken, Extent : Moderate, Area Affected : 20%								
Location : Various Units								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	25%			2026	$85,400	2	$600	
Roof	75%			2031	$112,100	2	$1,800	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	70%	Now	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Outside Of Building Trench								
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$2,400	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$4,600	
Backflow Preventer								
Generic	100%			2036	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Passenger - Cellar To 3rd Floor								
Explanation : 1 Unit								
Sidewalk Freight Sealed Off								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$38,800	
Sprinkler								
No Component	65%							
Generic	35%			2051	* *	1-2	$7,500	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 25 - BX**		
Address	: **811 EAST 149 STREET BTWN: TINTON AVE - UNION AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X025**
Program / Asset #	: **BOE0172.000 / 477**	**Yr Built/Renovated**	: **1897 / 1998**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2664** **Lot** : **1**	**BIN**	: **2004772**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$757,600	$87,000
Interior Architecture	$468,200	$64,500
Electrical	$124,100	$542,500
Mechanical		$2,393,100
Total	**$1,349,900**	**$3,087,000**
Importance Code A	$757,600	$87,000
Importance Code B	$533,700	$3,000,000
Importance Code C	$58,600	
Total	**$1,349,900**	**$3,087,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,600			$17,700
Interior Architecture	$33,800		$24,400	$6,400
Electrical	$1,900	$2,000	$51,500	$1,600
Mechanical	$113,600	$10,100	$41,700	$10,100
Site Pavements	$900			
Total	**$151,800**	**$12,100**	**$117,600**	**$35,800**
Importance Code A	$19,300	$6,900	$7,100	$24,700
Importance Code B	$127,800	$5,200	$110,500	$11,200
Importance Code C	$4,700			
Total	**$151,800**	**$12,100**	**$117,600**	**$35,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$16,400	
Masonry: Brick Cavity	83%	Now	$757,600	LIFE	* *	5	$87,000	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Foundation, Electrical Room, North Facade								
Masonry: Fieldstone	10%			LIFE	* *	5	$7,900	
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Windows								
Aluminum	98%			2047	* *	5	$35,500	
Glass Block	2%	Now	$1,600	LIFE	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Locker Room								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$8,700	
Masonry: Brick Cavity	20%			LIFE	* *	5	$2,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Roof								
Modified Bitumen	100%			2039	* *	10	$44,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roofs								
Soffits								
Stucco Cement	100%			2036	* *	5		
Interior								
Floors								
Asphalt Poured	30%	Now	$25,500	2044	* *	5	$8,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : 2nd Floor, 3rd Floor, 4th Floor And Indoor Play Yard								
Uneven Surface, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor, 3rd Floor, 4th Floor And Indoor Play Yard								
Ceramic Tile	3%			2044	* *	5	$3,400	
Mosaic Tile	2%			2036	* *	5	$5,700	
Vinyl Tile	20%			2036	* *	3	$11,500	
Vinyl Tile 9" X 9"	25%	Now	$252,800	2041	* *	3	$10,700	
Adhesion Failure, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	15%			2046	* *	5	$32,200	
Wood	5%			2066	* *	5	$10,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$7,500	
Glass: Single Pane	5%			LIFE	* *	5	$5,600	
Masonry: Brick	10%			LIFE	* *			
Plaster	80%	Now	$58,600	LIFE	* *	5	$36,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,800	
Plaster	90%	Now	$156,800	LIFE	* *	5	$64,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Bulkheads								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2051	* *			
Iron Picket	80%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$900	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Steps To Basement, Exit 13 And 10								
Activity Yard								
Asphalt	98%			2034	* *			
Rubber Matting	2%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$300	
Raceway								
Conduit	80%			2031	$115,700	1		
Conduit	20%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	20%			2039	* *	5	$400	
Molded Case Bkrs	70%			2030	$125,700	5	$1,300	
Wiring								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	80%			2031	$159,700	1		
Motor Controllers								
Locally Mounted	30%			2036	* *	5	$100	
Locally Mounted	70%			2029	$83,600	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2039	* *	10	$57,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$58,800	10	$8,400	
Exit, Service	50%			2026	$15,100	1		
Exterior Lighting								
HID	20%			2026	$65,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$26,300	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Mechanical Room								
Explanation : Strobes, Bell, Horn, Smoke Detector, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 4,500 Gallon Tanks. No 6 Fuel								
Conversion Equipment								
Steam Boiler	20%	Now	$12,200	2044	* *	1	$12,500	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Defective Safety Valve For Both Boilers								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room. Automatic Feed Water For Boiler No. 1 Malfunctioning								
Steam Boiler	80%			2044	* *	1	$55,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$39,400	2031	$1,968,400	4	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement. Condensate Pump Leaking								
Terminal Devices								
Air Handler	20%	0-2	$26,300	2031	$263,500	1	$7,800	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Various, 4 Out Of 6 Air Handlers Malfunctioning Due To Burnt Motor, Broken Bearing And Belt.								
Convector/Radiator	70%			2036	* *	1	$15,800	
Convector/Radiator	5%	0-2	$600	2029	$28,600	1	$1,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Explanation : One Radiator In Auditorium Area Leaking								
Fan Coil Unit/Heat	5%			2036	* *	1	$1,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%	Now	$8,300	2036	* *			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Main Distribution Frame Room. Temperature Control Switch Broken								
Window/Wall Unit	50%			2029	$132,600	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$3,900	
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2026	$31,000	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$17,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 3%								
Location : Sub-level Of Basement								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Occasional Sewer Backup In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,400	2036	* *	4	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Sump Pump Is Malfunctioning								
Backflow Preventer								
Generic	100%			2041	* *	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Installed Units								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2031	$19,400	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 250 - BK**		
Address	: **108 MONTROSE AVENUE BTWN: LEONARD ST., MANHATTAN A**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K250**
Program / Asset #	: **BOE0542.000 / 1304**	**Yr Built/Renovated**	: **1964 / 2015**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3060** **Lot** : **1**	**BIN**	: **3071199**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$138,100	$78,300
Interior Architecture	$17,230,900	$986,500
Electrical	$337,200	$925,400
Mechanical	$1,255,800	$37,700
Site Pavements	$57,100	$282,800
Total	**$19,019,100**	**$2,310,600**
Importance Code A	$434,500	$78,300
Importance Code B	$18,412,700	$1,455,200
Importance Code C	$171,900	$777,100
Total	**$19,019,100**	**$2,310,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,000	$1,000	$18,200	
Interior Architecture	$57,000	$23,700		$13,400
Electrical	$2,500	$69,700	$1,800	$1,600
Mechanical	$75,900	$42,700	$15,700	$13,700
Site Enclosure	$19,700			
Site Pavements	$31,600			
Total	**$223,700**	**$137,100**	**$35,700**	**$28,700**
Importance Code A	$37,000	$9,600	$26,600	$8,400
Importance Code B	$101,800	$127,500	$9,100	$20,300
Importance Code C	$84,900			
Total	**$223,700**	**$137,100**	**$35,700**	**$28,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$12,700	
Masonry: Brick Cavity	90%			LIFE	* *	5	$48,900	
Masonry: Limestone	2%			LIFE	* *	5	$800	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,300	
Windows								
Aluminum	100%			2046	* *	5	$36,400	
Parapets								
Metal Rail	100%	0-2	$37,000	2035	* *	5	$78,300	
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$138,100	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Gymnasium								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Metal Panel	5%			2043	* *	10	$11,400	
Soffits								
Stucco Cement	100%			2035	* *	5	$2,000	
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$6,300	
Sheet Vinyl/Rubber	5%			2035	* *	5	$9,500	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	10%			2030	$349,000	3	$6,300	
Vinyl Tile 9" X 9"	75%	Now	$334,500	2025	$16,724,500	3	$35,500	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classroom 323								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classroom 323								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$115,700	2033	$578,300	5	$5,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%	Now	$39,500	LIFE	* *	5	$8,400	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	2%			LIFE	* *			
Plaster	55%	Now	$56,300	LIFE	* *	5	$34,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classrooms 331 And 305 And Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$31,600	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%			2035	* *	5	$6,300	
Exposed Struc: Concrete	42%			LIFE	* *	5	$8,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	3%	Now	$1,200	2030	$59,100			
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$7,900	
Plaster	15%	Now	$11,500	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Classrooms 305 And 331 And Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$13,700	2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Iron Picket	50%	2-4	$6,000	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$57,100	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$15,800	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : South Side Of Building								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%	0-2	$9,900	2033	$198,800			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 2%								
Location : At Drywell								
Activity Yard								
Asphalt	75%	0-2	$4,200	2033	$84,000			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Rubber Matting	25%	Now	$1,700	2030	$33,100			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch, One 200 Ampere Emergency Lighting Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2030	$136,500	5	$200	
Fused Disc Sw	40%			2050	* *	5	$100	
Raceway								
Conduit	30%			2050	* *	1		
Conduit	70%			2030	$141,200	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	50%			2029	$119,700	5	$1,100	
Molded Case Bkrs	15%			2046	* *	5	$300	
Molded Case Bkrs	25%			2029	$59,900	5	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$204,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	20%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%	2-4	$57,300	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	97%			2035	* *	10	$75,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2040	* *	10	$100	
Incandescent	1%			2025	$23,500	2		
Egress Lighting								
Emergency, Battery	50%			2030	$71,300	10	$10,300	
Exit, Service	50%			2030	$18,300	1		
Exterior Lighting								
HID	100%			2030	$396,600	10	$300	
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 25%								
Location : Roof Parapet Lights								
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$31,900	1	$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$43,900	1-3	$10,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	85%			2040	* *	5	$22,400	
Natural Gas	15%	Now	$1,700	2050	* *	1		
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Explanation : Kitchen Service Control Valve Not Operational, Must Be By-passed. Safety Hazard.								
Conversion Equipment								
Steam Boiler	100%	Now	$296,400	2035	* *	1	$75,800	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room, Defective Oil Burner - Boiler No 1 Burners Tend To Cause Blow Back.								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$13,600	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump Set In Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 1 Pump In Each Of 2 Vacuum Pump Sets Not Working.								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 1 In Basement Fan Room And 1 In Boiler Room								
Explanation : 2 Duplex Vacuum Pump Sets								
Terminal Devices								
Air Handler	10%	Now	$96,000	2040	* *	1	$4,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room Defective Climate Control System								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement Fan Room								
Explanation : Unit Provides Cooling								
Air Handler	5%	Now	$4,000	2025	$80,000	1	$2,400	
Damper(s) Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room								
Air Handler	10%	Now	$8,000	2025	$160,000	1	$4,700	
Damper(s) Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	75%			2035	* *	1	$20,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2025	$125,400	1	$3,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	2%			2030	$40,400			
Window/Wall Unit	60%	0-2	$3,900	2025	$193,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Multiple Mechanical And Or Electrical Defects Throughout Classrooms								
No Component	28%							
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2040	* *	4	$600	
No Component	90%							
Terminal Devices								
No Component	90%							
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Fan Room								
Explanation : Equipment Covered Under Heating Section								
Heat Rejection								
Air Cooled Condenser Unit	10%			2025	$17,700	2	$5,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$19,000	
No Component	60%							
Exhaust Fans								
Interior	10%			2025	$37,700	2	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Interior	10%			2030	$37,700	2	$300	
Roof	80%	Now	$26,400	2025	$131,900	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2050	* *	1		
Galvanized Steel	90%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	0-2	$123,300	2060	* *	4	$8,400	
Corroded, Extent : Severe, Area Affected : 75%								
Location : Storage Tank Corroded In Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Storage Tank Serves As Back Up To Gas Fired Water Heater.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Intermittent Back Ups From Various Area Drains And Catch Basins.								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Gymnasium And Cafeteria								
Explanation : Condensate Forms On Piping.								
Sump Pump(s)								
Submersible	100%	0-2	$1,600	2024	$2,600	4	$1,800	
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Faulty Floats In Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : 1 Pump Of Set Not Working In Basement Fan Room.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Duplex Unit In Basement Fan Room And 1 Duplex Unit In Boiler Room.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$2,400	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 251 - BK**		
Address	: **1037 EAST 54TH ST. BTWN: AV.E H, AVE. I**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K251**
Program / Asset #	: **BOE0543.000 / 2543**	**Yr Built/Renovated**	: **1951 / 2015**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7758** **Lot** : **1**	**BIN**	: **3214729**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$450,200
Interior Architecture	$2,986,400	$2,181,400
Electrical	$196,000	$691,500
Mechanical	$795,000	$3,308,800
Site Pavements		$1,266,200
Total	**$3,977,400**	**$7,898,100**
Importance Code A		$1,112,600
Importance Code B	$3,977,400	$6,653,900
Importance Code C		$131,600
Total	**$3,977,400**	**$7,898,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,900		$9,000	
Interior Architecture	$48,800	$27,100		$9,900
Electrical	$26,900	$8,800	$7,200	$7,100
Mechanical	$27,800	$83,100	$20,300	$11,100
Site Pavements	$50,700			
Total	**$168,000**	**$119,100**	**$36,500**	**$28,000**
Importance Code A	$21,400	$7,700	$16,500	$7,500
Importance Code B	$110,300	$111,400	$20,000	$20,500
Importance Code C	$36,300			
Total	**$168,000**	**$119,100**	**$36,500**	**$28,000**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 251 - BK

Asset # : 2543

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$450,200	
Masonry: Limestone	5%			LIFE	* *	5	$17,800	
Windows								
Aluminum	95%			2046	* *	5	$18,000	
Glass Block	5%			LIFE	* *	5	$600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$3,700	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Metal Rail	3%			2043	* *	5-10	$2,200	
Metal Security Bars	2%			2058	* *			
Roof								
Copper/Terne	5%			2058	* *	10	$8,400	
Modified Bitumen	95%	4+	$13,900	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Above Room 300								
Interior								
Floors								
Ceramic Tile	3%			2039	* *	5	$3,400	
Panel/Paver: Bluestone	5%			LIFE	* *	5	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs								
Explanation : Tread Material								
Terrazzo	2%			LIFE	* *	5	$1,800	
Vinyl Tile	70%			2030	$2,181,400	3	$39,500	
Vinyl Tile 9" X 9"	15%			2025	$2,986,400	3	$6,300	
Wood	5%			2045	* *	5	$10,600	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$4,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%	Now	$28,000	LIFE	* *	5	$17,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkheads 2, 3, 11 And 12								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%			2035	* *	5	$39,500	
Exposed Struc: Concrete	55%			LIFE	* *	5	$9,700	
Plaster	10%	Now	$6,900	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Room 300								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 300								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2040	* *			
Iron Picket	40%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 251 - BK

Asset # : 2543

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%			2035	* *			
Pavers/Stone	10%	Now	$14,400	2033	$287,800			
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Tree Pit Areas On South Elevation								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$5,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Elevation By Exit 4								
Pavers/Stone	10%			2033	$131,600			
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	75%	Now	$30,400	2033	$607,500			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Courtyard								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Rear Courtyard								
Explanation : Vegetation Growth								
Rubber Matting	25%			2030	$239,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	95%			2030	$137,400	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Fused Toggle Switch	10%	2-4	$18,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Area								
Molded Case Bkrs	70%			2029	$125,700	5	$1,400	
Molded Case Bkrs	10%			2046	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 251 - BK

Asset # : 2543

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%			2029	$139,700	1		
Thermoplastic	25%			2030	$49,900	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$68,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2030	$4,700	1		
Emergency, Battery	40%	Now	$1,000	2030	$51,000			
Not Functioning, Extent : Light, Area Affected : 2%								
Location : Auditorium And Gymnasium								
Exit, Battery	50%			2038	* *	10	$2,600	
Exterior Lighting								
HID	20%			2038	* *	10		
LED	80%			2038	* *			
Alarm								
Security System								
Generic	100%			2035	* *	1	$28,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2025	$196,000	1-3	$46,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$176,700	5	$23,500	
Conversion Equipment								
Steam Boiler	100%			2028	$662,400	1	$75,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2030	$608,600			

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DEPARTMENT OF EDUCATION - 040

P. S. 251 - BK

Asset # : 2543

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2025	$357,600	1	$11,800	
Convector/Radiator	75%			2028	$466,100	1	$18,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2025	$201,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	70%			2025	$235,900	2	$1,600	
Roof	30%			2025	$44,200	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2030	$780,900	1		
Galvanized Steel	20%			2028	$194,000	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2030	$367,500	4	$7,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$15,200	4	$2,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$52,600	1-2	$1,100	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 253 - BK**		
Address	: **601 OCEAN VIEW AVENUE @ BRIGHTON 7TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K253**
Program / Asset #	: **BOE0545.000 / 1306**	**Yr Built/Renovated**	: **1938 / 2014**
Area Sq Ft	: **68,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **8666** **Lot** : **610**	**BIN**	: **3244470**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$280,900	$151,400
Interior Architecture	$469,500	
Electrical	$175,400	$768,700
Mechanical	$51,200	$2,308,900
Total	**$977,000**	**$3,229,000**
Importance Code A	$280,900	$151,400
Importance Code B	$599,100	$3,077,600
Importance Code C	$97,000	
Total	**$977,000**	**$3,229,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$74,900			
Interior Architecture	$112,800		$6,600	$500
Electrical	$17,900	$11,100	$11,400	$15,500
Mechanical	$65,000	$9,400	$15,800	$9,400
Site Enclosure	$7,800			
Site Pavements	$38,100			
Total	**$316,500**	**$20,500**	**$33,800**	**$25,400**
Importance Code A	$81,700	$6,700	$6,700	$6,700
Importance Code B	$167,000	$13,700	$27,000	$18,100
Importance Code C	$67,800			$500
Total	**$316,500**	**$20,500**	**$33,800**	**$25,400**

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DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$159,200	LIFE	* *	5	$96,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Chimney								
Masonry: Limestone	10%			LIFE	* *	5	$16,100	
Windows								
Aluminum	100%	Now	$61,900	2049	* *	5	$13,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$64,700	
Masonry: Brick	45%			LIFE	* *	5-10	$70,100	
Metal Panel	45%			2059	* *	5	$39,700	
Roof								
Modified Bitumen	100%			2041	* *	10	$54,700	
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$262,900	LIFE	* *	5	$22,500	
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Ceramic Tile	1%			2036	* *	5	$1,000	
Ceramic Tile	2%			2048	* *	5	$2,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boys And Girls Bathrooms								
Explanation : Boys And Girls Bathrooms Under Construction								
Terrazzo	5%			LIFE	* *	5	$8,000	
Vinyl Tile	47%			2038	* *	3	$18,200	
Wood	35%	Now	$43,000	2048	* *	5	$33,800	
Dry Rot/Decay, Extent : Severe, Area Affected : 2%								
Location : At Classroom Radiators								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$23,700	
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Ceramic Tile	1%			2042	* *	5	$1,000	
Ceramic Tile	2%			2048	* *	5	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boys And Girls Bathrooms								
Explanation : Boys And Girls Bathrooms Under Construction								
Masonry: Brick	10%			LIFE	* *	10	$2,800	
Plaster	42%	Now	$97,000	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : By Radiators								
SGFT/Glazed Masonry	35%			LIFE	* *	10	$16,600	
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$10,300	
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$25,800	
Plaster	70%	Now	$109,700	LIFE	* *	5	$45,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Above Radiators								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Hallways								
Site Enclosure								
Fence/Gates								
Chain Link	55%			2053	* *			
Iron Picket	45%	Now	$7,800	2068	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : 6th Street								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$14,400	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Ocean View								
On-Site Walkways								
Asphalt	85%			2042	* *			
Cast in Place Concrete	5%			2046	* *			
Masonry: Granite	10%	0-2	$16,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Steps								

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DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	98%			2042	* *			
Rubber Matting	2%	Now	$6,900	2043	* *			
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Play Yard								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : Not In Use								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2033	$36,200	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Fused Disc Sw	20%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	75%			2033	$146,300	5	$200	
Fused Disc Sw	25%			2053	* *	5	$100	
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	75%			2032	$134,700	5	$1,300	
Molded Case Bkrs	10%			2049	* *	5	$200	
Wiring								
Thermoplastic	90%			2033	$179,600	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$59,700	5	$200	
Locally Mounted	50%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$20,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Natural Gas	100%			2042	* *	1	$26,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 150 Kilowatts. Not In Service.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$61,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$57,100	10	$8,200	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2036	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stacks Only								
Explanation : Lightning Rods								
Alarm								
Security System								
Generic	100%			2038	* *	1	$25,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$175,400	2043	* *	1-3	$38,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$67,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	$544,500			
Terminal Devices								
Air Handler	10%	0-2	$51,200	2033	$128,000	1	$3,800	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Unit For Gymnasium. Basement								
Air Handler	10%			2028	$128,000	1	$4,200	
Convector/Radiator	60%			2031	$333,600	1	$13,200	
Fan Coil Unit/Heat	20%			2028	$337,200	1	$4,400	
Air Conditioning								
Energy Source								
Electricity	100%			2032	$130,800	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$154,600	1		
Window/Wall Unit	10%	0-2	$25,800	2033	$25,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,000	
Exhaust Fans								
Interior	100%			2028	$301,600	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$3,500	2031	$173,600	1		
Not Insulated, Extent : Moderate, Area Affected : 5%								
Location : Water Main And Piping								
Water Heater With Tanks								
Gas Fired	100%			2032	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit With One 200 Gallon Tank.								
Sanitary Piping								
Cast Iron	10%	Now	$4,300	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Near Water Main Valve In Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$28,200	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 253 - Q**		
Address	: **1307 CENTRAL AVENUE @ NEILSON ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q253**
Program / Asset #	: **BOE1045.000 / 14258**	**Yr Built/Renovated**	: **2004 /**
Area Sq Ft	: **98,266**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3,4**		
Block	: **15541** **Lot** : **1**	**BIN**	: **4297972**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$151,600	$276,700
Interior Architecture	$55,200	$55,200
Electrical	$89,200	
Mechanical		$209,500
Site Pavements	$86,100	
Total	**$382,100**	**$541,300**
Importance Code A	$151,600	$404,500
Importance Code B	$230,500	$136,800
Total	**$382,100**	**$541,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,200			$12,800
Interior Architecture		$28,200	$7,400	
Electrical	$9,600	$11,000	$9,600	$23,500
Mechanical	$62,200	$42,000	$60,100	$73,500
Site Enclosure	$17,400			
Site Pavements	$3,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$148,300**	**$89,000**	**$85,000**	**$117,700**
Importance Code A	$57,900	$9,200	$9,700	$22,300
Importance Code B	$70,000	$79,800	$75,200	$95,400
Importance Code C	$20,400			
Total	**$148,300**	**$89,000**	**$85,000**	**$117,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - Q

Asset # : 14258

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$4,300	
Masonry: Brick Cavity	75%			LIFE	* *	5	$102,500	
Pre-Cast Concrete	15%			LIFE	* *	5	$66,600	
Window Wall	5%			2052	* *	5	$25,600	
Windows								
Aluminum	90%	Now	$48,200	2048	* *	5	$10,100	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Classroom								
Metal Louvers	10%			2041	* *	10	$14,000	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Water Leaks During Heavy Rain At All Louvers								
Parapets								
Masonry: Brick Cavity	40%			LIFE	* *	5	$7,800	
Metal Rail	50%			2049	* *	5-10	$177,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$12,300	
Roof								
Built-Up (BUR)	100%			2037	* *	10	$82,000	
Interior								
Floors								
Carpet	2%			2031	$52,000	3	$4,400	
Cast in Place Concrete	13%			LIFE	* *	5	$41,800	
Ceramic Tile	10%			2041	* *	5	$14,700	
Quarry Tile	5%			2045	* *	5	$11,000	
Vinyl Tile	63%			2037	* *	3	$34,700	
Wood	7%			2060	* *	5	$19,300	
Interior Walls								
Concrete Masonry Unit	22%			LIFE	* *	5	$11,800	
Gypsum Board	35%			LIFE	* *	5	$28,100	
Masonry: Brick	5%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	70%			2045	* *	5	$103,000	
AcousTileSusp.Lay-In	5%			2045	* *	5	$7,400	
Other Observation, Extent : Light, Area Affected : 5%								
Location : At 4th Floor Ceiling								
Explanation : Minor Water Leaks During Heavy Rain								
Exposed Struc: Steel	5%			LIFE	* *			
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : This Component Is Actually Metal Decking								
Gypsum Board	15%			LIFE	* *	5	$27,600	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - Q

Asset # : 14258

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Picket	50%			2052	* *			
Chain Link	50%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	25%			2052	* *			
Masonry: Brick	75%	0-2	$17,400	2052	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Rear Yard Walls								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Rear Yard Walls								
Explanation : Efflorescence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Pavers/Stone	100%			2041	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$3,000	2045	* *			
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Entry Apron Into Driveway								
Activity Yard								
Rubber Matting	15%			2037	* *			
Traffic Topping	85%	Now	$86,100	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Rear Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Vertical Sections								
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$300	
Molded Case Bkrs	85%			2048	* *	5	$2,200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - Q

Asset # : 14258

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2045	* *	5	$300	
Motor Control Center	50%			2045	* *	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$30,200	
Generators								
Diesel	100%			2041	* *	1	$38,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 360 Kilowatts. Kohler Power System 350.								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$21,900	
Fuel Storage								
Day Tank	50%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons Rated Capacity								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	97%			2037	* *	10	$87,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
HID	1%			2037	* *	10		
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2037	* *	10		
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 253 - Q

Asset # : 14258

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$18,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights, Alarm Bells And Horns, Fire Alarm System Edwards East Brand And The Monitoring Company Is Statewide Fire Corporation								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2052	* *	1		
Interruptible Gas/Dual Fuel	95%			2052	* *	1		
Conversion Equipment								
Radiant Heater	5%			2032	$127,900	2	$2,300	
Steam Boiler	95%			2045	* *	1	$92,500	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	95%			2052	* *			
No Component	5%							
Terminal Devices								
Air Handler	70%			2037	* *	1	$42,500	
Recent Replace Evident, Extent : N/A, Area Affected : 70%								
Location : Various Locations								
Other Observation, Extent : N/A, Area Affected : 70%								
Location : Various Locations								
Explanation : Upgrade To Variable Frequency Drive Is Going On								
Convector/Radiator	25%			2045	* *	1	$7,900	
No Component	5%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - Q

Asset # : 14258

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2037	* *	1	$45,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement Air Conditioning Room								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$7,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$60,800	
Heat Rejection								
Air Cooled Condenser Unit	100%	Now	$14,200	2037	* *	2	$54,700	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Motors, Roof								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Roof								
Explanation : Work Order Is There To Replace 3 Motors								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,800	
Exhaust Fans								
Interior	50%			2037	* *	2	$1,500	
Roof	50%			2037	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,100	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,900	
Backflow Preventer								
Generic	100%	Now	$900	2037	* *	1	$5,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Water Is Leaking Form Next To The Water Main Valve At East Side Of The Building								
Explanation : Malfunctioning Unit.								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - Q

Asset # : 14258

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 4th Floor, 1 Unit From 1st To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$49,500	
Sprinkler								
Generic	100%			2052	* *	1-2	$27,500	
Fire Pump								
Generic	100%			2041	* *	1	$18,400	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 254 - BK**		
Address	: **2469 E18TH STREET 1801 AVENUE Y**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K254**
Program / Asset #	: **BOE0546.000 / 2664**	**Yr Built/Renovated**	: **1938 / 2006**
Area Sq Ft	: **66,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7420** **Lot** : **26**	**BIN**	: **3203132**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$113,400	$179,400
Interior Architecture	$272,300	
Electrical	$252,100	$376,000
Mechanical	$615,100	$1,243,900
Total	**$1,253,000**	**$1,799,400**
Importance Code A	$113,400	$261,500
Importance Code B	$1,139,600	$1,537,800
Total	**$1,253,000**	**$1,799,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,800			
Interior Architecture	$245,000	$24,300		$6,400
Electrical	$6,600	$48,000	$6,400	$6,100
Mechanical	$14,300	$31,700	$17,100	$9,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$286,600**	**$108,000**	**$27,400**	**$26,300**
Importance Code A	$25,000	$5,400	$5,200	$5,200
Importance Code B	$136,700	$102,600	$22,200	$21,100
Importance Code C	$124,900			
Total	**$286,600**	**$108,000**	**$27,400**	**$26,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$74,900	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	3%	Now	$16,800	LIFE	* *	5	$4,100	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Vertical Cracks, Extent : Moderate, Area Affected : 20%								
Location : Chimney								
Masonry: Brick Cavity	35%			LIFE	* *	5	$47,600	
Masonry: Granite	5%			LIFE	* *	5	$5,100	
Masonry: Limestone	2%			LIFE	* *	5	$2,000	
Windows								
Aluminum	100%	Now	$113,400	2046	* *	5	$11,900	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$7,600	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Rail	25%			2043	* *	5-10	$53,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Roof								
Modified Bitumen	100%			2038	* *	10	$100,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%	Now	$16,700	2039	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Marble Panels	2%			LIFE	* *	5	$1,500	
Quarry Tile	5%			2043	* *	5	$7,400	
Terrazzo	3%	Now	$13,800	LIFE	* *	5	$2,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
Vinyl Tile	10%			2025	$272,300	3	$3,700	
Vinyl Tile	52%	Now	$28,300	2035	* *	3	$19,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Wood	25%			2045	* *	5	$46,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$37,400	2039	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Restrooms And Cafeteria								
Concrete Masonry Unit	15%	2-4	$38,400	LIFE	* *	5	$8,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 1%								
Location : Expansion Joint								
Gypsum Board	25%			LIFE	* *	5	$20,400	
Masonry: Brick	5%	Now	$25,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Plaster	35%	0-2	$23,200	LIFE	* *	5	$14,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	40%	Now	$31,700	2043	* *	5	$24,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	10%	Now	$29,500	LIFE	* *	5	$1,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Below Nurses Office In Basement								
Gypsum Board	5%			LIFE	* *	5	$6,200	
Plaster	45%			LIFE	* *	5	$27,700	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%			2050	* *			
Chain Link	50%			2050	* *			
Iron Picket	45%			2050	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%			2035	* *			
Masonry: Granite	50%			LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2040	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch For Fire Pump								
Fused Disc Sw	10%			2040	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$300	
Raceway								
Conduit	70%			2030	$101,200	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	55%			2029	$98,800	5	$1,000	
Molded Case Bkrs	30%			2046	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$139,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$83,600	5	$300	
Locally Mounted	30%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$20,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : New Generator Installed In 2017.								
Generators								
Diesel	100%			2043	* *	1	$25,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : New 125 Kilovolt-ampere Generator Installed In 2017.								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : New Generator Installed In 2017.								
Fuel Storage								
Day Tank	40%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : New Generator Installed In 2017.								
Main Tank	60%			2065	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Generator Installed In 2017.								
Lighting								
Interior Lighting								
Fluorescent	30%			2035	* *	10	$18,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	65%			2038	* *	10	$39,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing								
Explanation : T-8 Lamps								
Fluorescent	2%			2040	* *	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Battery	10%			2035	* *	10	$1,600	
Emergency, Battery	40%			2025	$44,300	10	$6,400	
Exit, Service	40%			2025	$11,400	1		
Exit, Service	10%			2035	* *	1		
Exterior Lighting								
HID	30%			2030	$92,400	10	$100	
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2025	$68,100	1-3	$16,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2050	* *	1		
Interruptible Gas/Dual Fuel	50%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								
Conversion Equipment								
Furnace	40%			2030	$82,100	1	$13,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 8 Gas Fired Rooftop Units Serve New Wing.								
Steam Boiler	60%	2-4	$6,900	2035	* *	1	$35,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers Refurbished With Existing Tubes. Approximately 10 Percent Of Tubes Are Reported To Be Plugged.								
Distribution								
Steam Piping/Pump	60%			2040	* *			
No Component	40%							
Terminal Devices								
Air Handler	10%			2025	$124,200	1	$4,100	
Convector/Radiator	60%			2035	* *	1	$12,800	
Fan Coil Unit/Heat	30%			2025	$490,900	1	$6,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2030	$443,500	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Units Serve New Wing. See Heating Conversion Equipment.								
Window/Wall Unit	40%			2028	$100,000	1		
No Component	20%							

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DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Dir Expansion	5%			2030	$50,600	1		
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2030	$7,600	2	$2,300	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	
Exhaust Fans								
Interior	50%			2030	$146,400	2	$1,000	
Roof	50%			2035	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2028	$421,300	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 150 Gallon Storage Tank								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Old Wing								
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$13,200	4	$1,400	
Backflow Preventer								
Generic	100%			2030	$29,500	1	$4,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit. Machine Room Air Conditioned But No Exhaust.								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2040	* *	1-5	$10,000	
Sprinkler								
No Component	50%							
Generic	50%			2040	* *	1-2	$9,200	
Fire Pump								
No Component	50%							
Generic	50%			2033	$31,500	1	$6,200	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 254 - Q**		
Address	: **84-40 101ST STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q254**
Program / Asset #	: **BOE1046.000 / 14259**	**Yr Built/Renovated**	: **2004 /**
Area Sq Ft	: **98,266**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,Ph**		
Block	: **9177** **Lot** : **23**	**BIN**	: **4191296**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$978,300
Interior Architecture	$59,200	$59,200
Electrical	$76,600	
Total	**$135,800**	**$1,037,500**
Importance Code A		$978,300
Importance Code B	$135,800	$59,200
Total	**$135,800**	**$1,037,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,900	$15,400		$8,000
Interior Architecture	$45,700	$33,800	$3,800	
Electrical	$9,600	$10,500	$9,600	$23,800
Mechanical	$37,900	$50,200	$40,600	$58,300
Site Enclosure	$6,000			
Site Pavements	$17,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$172,900**	**$117,700**	**$61,800**	**$98,000**
Importance Code A	$57,600	$25,100	$9,700	$17,900
Importance Code B	$72,500	$92,700	$48,300	$80,000
Importance Code C	$42,800		$3,800	
Total	**$172,900**	**$117,700**	**$61,800**	**$98,000**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 254 - Q

Asset # : 14259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$14,200	
Glass Block	5%			LIFE	* *	5	$4,400	
Masonry: Brick	80%			LIFE	* *	5	$113,700	
Metal Panel	7%	Now	$13,200	2052	* *	5	$18,700	
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : Penthouse								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Penthouse								
Pre-Cast Concrete	3%			LIFE	* *	5	$13,900	
Window Wall	3%			2052	* *	5	$16,000	
Windows								
Aluminum	17%	Now	$10,200	2048	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Room 325								
Aluminum	80%			2048	* *	5	$20,000	
Metal Louvers	3%			2041	* *	10	$4,700	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$5,600	
Metal Rail	10%			2045	* *	5-10	$25,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,800	
Stucco Cement	40%			2049	* *	5	$14,500	
Roof								
Modified Bitumen	100%	Now	$17,300	2032	$864,600			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 406								
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,800	
Mosaic Tile	5%			2045	* *	5	$18,000	
Quarry Tile	5%			2045	* *	5	$10,800	
Terrazzo	10%			LIFE	* *	5	$11,300	
Vinyl Tile	70%			2037	* *	3	$37,900	
Wood	5%			2060	* *	5	$13,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 254 - Q

Asset # : 14259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$28,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2041	* *	5	$7,500	
Concrete Masonry Unit	5%	4+	$14,200	LIFE	* *	5	$3,000	
Expansion Joint Failure, Extent : Light, Area Affected : 2%								
Location : Boiler Room								
Concrete Masonry Unit	45%			LIFE	* *	5	$27,100	
Masonry: Brick	5%			LIFE	* *			
Metal: Cage/Fence	5%			LIFE	* *			
SGFT/Glazed Masonry	28%			LIFE	* *			
Wood	2%			LIFE	* *	5	$12,100	
Ceilings								
AcousTileSusp.Lay-In	6%	Now	$2,900	2045	* *	5	$4,300	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 4th Floor Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 406								
AcousTileSusp.Lay-In	82%			2045	* *	5	$118,300	
Exposed Struc: Steel	3%			LIFE	* *			
Gypsum Board	7%			LIFE	* *	5	$12,600	
Metal Panel	2%			LIFE	* *	5	$3,600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$6,000	2067	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Playground								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	10%			2041	* *			
Cast in Place Concrete	90%			2045	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	85%	Now	$17,900	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Activity Yard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Front Activity Yard								
Cast in Place Concrete	10%			2045	* *			
Rubber Matting	5%			2037	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 254 - Q
Asset # : 14259

Electrical	Current Repair		Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years) / Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Electrical Room							
Explanation : Main Service Disconnect Switch Rated At 4000 Amperes.							
Switchgear / Switchboard							
Fused Disc Sw	70%		2052	* *	5	$300	
Molded Case Bkrs	30%		2052	* *	5	$800	
Raceway							
Conduit	100%		2052	* *	1		
Panelboards							
Fused Disc Sw	10%		2048	* *	5	$200	
Molded Case Bkrs	90%		2048	* *	5	$2,300	
Wiring							
Thermoplastic	100%		2052	* *	1		
Motor Controllers							
Locally Mounted	100%		2045	* *	5	$700	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	$1,400	
Stand-by Power							
Transfer Switches							
Automatic	100%		2045	* *	1	$30,200	
Generators							
Diesel	100%		2041	* *	1	$38,100	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Roof							
Explanation : Emergency Generator Rated At 450 Kilowatts							
Batteries							
Nickel Cadmium	100%		2027	$2,500	5	$21,900	
Fuel Storage							
Day Tank	20%		2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Roof							
Explanation : 45 Gallons Rated Capacity							
Main Tank	80%		2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Basement							
Explanation : 275 Gallons Rated Capacity							
Lighting							
Interior Lighting							
Fluorescent	85%		2037	* *	10	$76,600	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Throughout The Building							
Explanation : T-8 Lamps							
LED	15%		2040	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 254 - Q

Asset # : 14259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	15%			2037	* *	10		
LED	15%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$11,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$18,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Auditorium, Gymnasium, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detector And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$97,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2052	* *			
Terminal Devices								
Air Handler	60%			2037	* *	1	$36,500	
Convector/Radiator	30%			2045	* *	1	$9,500	
Unit Heater - Hot Water	10%			2037	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 254 - Q

Asset # : 14259

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2037	* *	1	$41,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Basement								
Reciprocating Compr/Chiller	10%	0-2	$2,900	2037	* *	1	$4,100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement Air Conditioning Room								
Explanation : No.2 Unit Has Mechanical Defects.								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$7,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$60,800	
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$68,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,800	
Exhaust Fans								
Interior	95%			2037	* *	2	$2,900	
Roof	5%			2032	$9,500	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,100	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,900	
Backflow Preventer								
Generic	100%			2032	$43,900	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 254 - Q

Asset # : 14259

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$49,500	
Sprinkler								
Generic	100%			2052	* *	1-2	$27,500	
Fire Pump								
Generic	100%			2035	* *	1	$18,400	
Chemical System								
No Component	99%							
Generic	1%			2030	$800	1-3	$800	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen, 1st Floor							
	Explanation : Kitchen Only							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 255 - BK**		
Address	: **1866 EAST 17TH ST. BTWN: AVE. R, AVE. S**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K255**
Program / Asset #	: **BOE0547.000 / 2542**	**Yr Built/Renovated**	: **1953 / 2008**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6821** **Lot** : **123**	**BIN**	: **3184034**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,044,100	$412,300
Interior Architecture	$441,600	
Electrical	$844,900	$291,000
Mechanical	$121,700	$1,678,200
Total	**$2,452,300**	**$2,381,500**
Importance Code A	$1,044,100	$1,074,700
Importance Code B	$1,408,200	$1,306,800
Total	**$2,452,300**	**$2,381,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$5,000		
Interior Architecture	$78,000		$2,800	$5,600
Electrical	$2,800	$85,800	$3,000	$3,300
Mechanical	$33,400	$39,400	$19,200	$10,500
Site Pavements	$69,100			
Total	**$183,300**	**$130,100**	**$25,100**	**$19,400**
Importance Code A	$7,500	$12,500	$7,700	$7,500
Importance Code B	$107,800	$117,600	$17,400	$11,900
Importance Code C	$67,900			
Total	**$183,300**	**$130,100**	**$25,100**	**$19,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%	0-2	$780,400	LIFE	* *	5	$47,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : South Facade And Penthouse								
Masonry: Brick	77%			LIFE	* *	5	$364,900	
Masonry: Granite	5%			LIFE	* *	5	$17,800	
Masonry: Limestone	3%			LIFE	* *	5	$10,700	
Slate Panels	5%			LIFE	* *	5	$17,800	
Windows								
Aluminum	100%	0-2	$90,400	2046	* *	5	$9,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Steel Window Guards Need Painting								
Parapets								
Masonry: Brick	95%	0-2	$97,700	LIFE	* *	5	$3,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	97%	Now	$75,700	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Gymnasium And 4th Floor Girls Toilet								
Copper/Terne	3%			2045	* *	10	$5,000	
Interior								
Floors								
Cast in Place Concrete	20%	Now	$38,400	LIFE	* *	5	$49,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Ceramic Tile	5%			2039	* *	5	$5,600	
Terrazzo	5%			LIFE	* *	5	$4,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Main Entry								
Vinyl Tile	20%			2035	* *	3	$8,500	
Vinyl Tile	40%	0-2	$373,900	2040	* *	3	$16,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Various Areas								
Explanation : 9x9 Tiles								
Wood	10%			2058	* *	5	$21,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$4,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$14,400	
SGFT/Glazed Masonry	20%	4+	$34,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : First Floor								
Ceilings								
AcousTile,Adhered	35%			2043	* *	5	$39,500	
Loose/Delam Surface, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Exposed Struc: Concrete	2%	Now	$67,600	LIFE	* *	5	$400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Chain Hoist								
Exposed Struc: Concrete	58%			LIFE	* *	5	$10,200	
Plaster	5%			LIFE	* *	5	$3,500	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Stairwells								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%			2050	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 17th Street								
Chain Link	75%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Iron Picket	20%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$38,000	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 17th Street								
On-Site Walkways								
Asphalt	10%			2043	* *			
Cast in Place Concrete	85%	2-4	$28,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%	Now	$3,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Stairs On 17th Street								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Rubber Matting	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2056	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch.								
Fused Disc Sw	20%			2056	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$300	
Raceway								
Conduit	80%			2030	$115,700	1		
Conduit	20%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2052	* *	5	$100	
Fused Disc Sw	5%			2029	$9,000	5	$100	
Molded Case Bkrs	20%			2029	$35,900	5	$400	
Molded Case Bkrs	70%			2052	* *	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$139,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2030	$20,000	1		
Thermoplastic	20%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	56%			2035	* *	10	$39,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$18,000	10		
Incandescent	40%	2-4	$421,100	2040	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Closets, Stairs Landing, Section Of The Basement								
Explanation : Incandescent Fixtures Are Obsolete.								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$63,800	10	$9,200	
Exit, Service	50%			2025	$16,400	1		
Exterior Lighting								
HID	40%	2-4	$141,800	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior Fixtures Are Old And Present Frequent Problems.								
No Component	60%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$8,500	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$78,400	1-3	$18,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$176,700	5	$23,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground Vault								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	$662,400	1	$75,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$121,700	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Under Auditorium Crawl Space And Other Locations In Basement - Steam Leaks Due To Corroded Steam And Condensate Return Piping								
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Defective Steam Traps, Radiator Control Valves And Room Thermostats								
Terminal Devices								
Air Handler	20%			2030	$286,000	1	$9,400	
Convector/Radiator	80%	Now	$9,900	2035	* *	1	$17,700	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	75%	0-2	$4,300	2028	$215,900	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Classrooms								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	100%	0-2	$6,700	2030	$337,100	2	$1,900	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Deteriorated Flexible Duct Connection On Various Exhaust Fans								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gallon Unit								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$11,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,200	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2030	$39,800	4	$3,000	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 256 - BK**			
Address	:	**114 KOSCIUSZKO STREET BTWN: NOSTRAND AVE., MARCY AVE**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K256**
Program / Asset #	:	**BOE0548.000 / 1307**	**Yr Built/Renovated**	:	**1959 / 2002**
Area Sq Ft	:	**89,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**30-May-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3**			
Block	:	**1784** **Lot** : **11**	**BIN**	:	**3049768**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$490,400	$1,435,600
Interior Architecture	$3,832,100	
Electrical	$692,400	$896,500
Mechanical	$1,083,500	$2,779,500
Total	**$6,098,400**	**$5,111,700**
Importance Code A	$490,400	$2,211,400
Importance Code B	$5,497,600	$2,900,300
Importance Code C	$110,400	
Total	**$6,098,400**	**$5,111,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$105,900	$15,300		
Interior Architecture	$103,600	$5,900		$12,600
Electrical	$6,200	$82,800	$1,700	$1,700
Mechanical	$33,900	$65,800	$20,600	$12,800
Site Enclosure	$15,100			
Site Pavements	$8,800			
Total	**$273,500**	**$169,900**	**$22,300**	**$27,100**
Importance Code A	$114,700	$24,300	$8,800	$8,800
Importance Code B	$123,400	$145,600	$13,500	$18,300
Importance Code C	$35,500			
Total	**$273,500**	**$169,900**	**$22,300**	**$27,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$76,000	LIFE	* *	5	$46,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs And Chimney								
Metal Panel	15%			2050	* *	5-10	$56,000	
Windows								
Aluminum	100%	Now	$34,700	2046	* *	5	$18,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 206								
Parapets								
Masonry: Brick	50%	Now	$34,900	LIFE	* *	5	$5,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Rail	45%			2043	* *	5-10	$89,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,500	
Roof								
Built-Up (BUR)	95%	Now	$414,400	2030	$1,381,200			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 10%								
Location : Throughout Lower Roofs								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout Lower Roofs								
Ponding, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over 3rd Floor Corridors								
Metal Panel	5%	Now	$36,300	2035	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead Stairs								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,100	
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Throughout Entrances								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	5%	0-2	$17,800	2039	* *	5	$3,200	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Boys Toilets On 2nd And 3rd Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boys Toilets On 2nd And 3rd Floor								
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	65%	Now	$45,400	2035	* *	3	$30,800	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Classroom 206								
Vinyl Tile 9" X 9"	15%	Now	$66,900	2025	$3,344,900	3	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%			2045	* *	5	$11,800	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$28,900	2039	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets, Kitchen And Cafeteria								
Concrete Masonry Unit	15%	Now	$59,300	LIFE	* *	5	$12,600	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Wall Along Kosciuszko Street								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	50%	Now	$51,200	LIFE	* *	5	$31,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$101,700	2035	* *	5	$15,800	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridor, Kindergarten Corridor And Gymnasium								
Exposed Struc: Concrete	55%	Now	$208,300	LIFE	* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%	Now	$11,500	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floor Boys Toilet								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floor Boys Toilet								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$15,100	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Side Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$6,500	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Dumpster								
Activity Yard								
Asphalt	40%	Now	$2,200	2033	$44,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : West Side Of Building								
Rubber Matting	60%			2035	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Rear Play Yard								
Explanation : Pads Separating								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Electrical Services Ratings At 800 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	10%			2056	* *	5		
Molded Case Bkrs	90%			2030	$204,800	5	$2,100	
Raceway								
Conduit	95%			2030	$191,700	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	95%	Now	$4,600	2029	$227,500	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : First Floor Panelboard P L C S 1								
Explanation : Broken Circuit Breaker								
Wiring								
Braided Cloth	95%	2-4	$277,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$74,700	10	$10,700	
Exit, Service	50%			2030	$19,200	1		
Exterior Lighting								
HID	100%			2025	$415,300	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$33,400	1	$6,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$45,900	1-3	$11,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$207,000	5	$27,600	
Conversion Equipment								
Steam Boiler	100%			2028	$775,700	1	$88,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2030	$712,700			
Terminal Devices								
Air Handler	35%	Now	$117,200	2025	$586,200	1	$17,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : Cafeteria Unit Not In Use Reportedly Due To Dust Accumulation In Ducts And Intake Openings.								
Convector/Radiator	60%			2028	$436,700	1	$17,300	
Fan Coil Unit/Heat	5%			2025	$110,300	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2024	$269,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$19,900	
No Component	60%							
Exhaust Fans								
Interior	20%			2030	$78,900	2	$500	
Roof	80%			2030	$138,200	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	25%			2025	$5,900	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Tank With 50 Gallon Capacity								
Gas Fired	75%			2025	$12,800	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank With 150 Gallon Capacity								
HW Heat Exchanger								
Steam Fired	100%			2030	$430,400	4	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Capped, No Longer In Use								
Sanitary Piping								
Cast Iron	100%	Now	$22,400	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boy's Lavatories 216 And 116								
Explanation : Seals Around Removed Floor Urinal Leaks								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$17,800	4	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Sump Pump								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,200	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 256 - Q ANNEX**
Address : **445 BEACH 135 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE1162.000 / 14908**
Area Sq Ft : **24,305**
Date of Survey : **13-Jun-2019**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **16258** **Lot** : **6**

Agency's Number : **Q816**
Yr Built/Renovated : **1950 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4305631**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$366,900	$102,600
Electrical		$166,700
Mechanical		$779,200
Total	**$366,900**	**$1,048,500**
Importance Code B		$1,048,500
Importance Code C	$366,900	
Total	**$366,900**	**$1,048,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$20,000	$4,600	
Interior Architecture	$3,100		$3,200	
Electrical	$1,900	$27,200	$2,200	$1,600
Mechanical	$3,200	$30,800	$3,500	$3,400
Total	**$8,200**	**$78,000**	**$13,500**	**$5,000**
Importance Code A	$2,400	$22,400	$7,000	$2,400
Importance Code B	$5,800	$55,600	$6,400	$2,600
Importance Code C				
Total	**$8,200**	**$78,000**	**$13,500**	**$5,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 256 - Q ANNEX
Asset # : 14908

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$40,800	
Masonry: Limestone	10%			LIFE	* *	5	$3,400	
Windows								
Aluminum	100%			2046	* *	5	$9,200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$7,300	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Roof								
Metal Panel	5%			2043	* *	10	$2,200	
Modified Bitumen	85%			2035	* *	10	$20,000	
Plaza Roof: Stone Panels	10%			2050	* *			
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,100	LIFE	* *	5	$4,000	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Basement Electrical Room								
Ceramic Tile	5%			2033	$102,600	5	$1,800	
Terrazzo	20%			LIFE	* *	5	$5,700	
Vinyl Tile	5%			2035	* *	3	$700	
Vinyl Tile 9" X 9"	65%			2035	* *	3	$8,900	
Interior Walls								
Ceramic Tile	10%	Now	$300,500	2045	* *	5	$4,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms								
Concrete Masonry Unit	50%			LIFE	* *	5	$18,200	
Marble Panels	10%			LIFE	* *			
Plaster	30%	Now	$66,400	LIFE	* *	5	$8,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Stairways, Classrooms 303, 301 And 201, Corridors								
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$4,100	
Exposed Struc: Concrete	10%			LIFE	* *	5	$600	
Plaster	80%			LIFE	* *	5	$20,600	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2050	* *			
Iron Picket	20%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - Q ANNEX

Asset # : 14908

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	5%			2039	* *			
Rubber Matting	10%			2035	* *			
Under Construction	85%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : Site Of New School Building. Currently Under Construction								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	10%			2050	* *	5		
Molded Case Bkrs	90%			2050	* *	5	$600	
Raceway								
Conduit	30%			2050	* *	1		
Conduit	70%			2030	$42,900	1		
Panelboards								
Molded Case Bkrs	30%			2046	* *	5	$200	
Molded Case Bkrs	70%			2029	$69,900	5	$400	
Wiring								
Thermoplastic	70%			2030	$54,000	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$22,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$2,900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	10%			2035	* *	10		
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 256 - Q ANNEX
Asset # : 14908

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2035	* *	1-3	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : This Building Is Planned To Be Abandoned One Year From Now.								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$24,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Backyard Of The Building								
Explanation : One Temporary Steam Boiler Being Used								
Distribution								
Steam Piping/Pump	100%			2030	$194,600			
Terminal Devices								
Convector/Radiator	100%			2028	$198,700	1	$7,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	80%			2028	$73,700	1		
No Component	15%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2035	* *	1	$400	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2035	* *	2	$800	
No Component	95%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 256 - Q ANNEX

Asset # : 14908

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2030	$312,200	1		
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$4,900	4	$500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 257 - BK**			
Address	:	**60 COOK STREET @ GRAHAM AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K257**
Program / Asset #	:	**BOE0549.000 / 968**	**Yr Built/Renovated**	:	**1962 / 2003**
Area Sq Ft	:	**89,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**04-Mar-2020**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3**			
Block	:	**3114** **Lot** : **11**	**BIN**	:	**3071571**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$150,100	$205,200
Interior Architecture	$1,136,100	$5,191,700
Electrical	$264,500	$982,800
Mechanical	$335,000	$2,255,100
Site Pavements		$111,000
Total	**$1,885,600**	**$8,745,800**
Importance Code A	$150,100	$980,900
Importance Code B	$1,387,500	$7,764,900
Importance Code C	$348,000	
Total	**$1,885,600**	**$8,745,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,500		$40,100	$17,200
Interior Architecture	$77,900	$1,700		$11,800
Electrical	$20,600	$9,700	$19,500	$8,400
Mechanical	$101,600	$12,900	$35,500	$19,100
Site Pavements	$67,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$291,400**	**$28,200**	**$99,000**	**$60,400**
Importance Code A	$58,300	$8,800	$49,100	$26,000
Importance Code B	$170,800	$19,400	$49,900	$34,400
Importance Code C	$62,300			
Total	**$291,400**	**$28,200**	**$99,000**	**$60,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$28,400	
Masonry: Brick	95%			LIFE	* *	5	$108,100	
Windows								
Aluminum	95%			2047	* *	5	$34,400	
Glass Block	5%	Now	$3,900	LIFE	* *	5	$1,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Second Floor Corridor								
Parapets								
Metal Rail	90%			2044	* *	5-10	$247,200	
Metal: Cage/Fence	10%			2044	* *	5-10	$11,800	
Roof								
Built-Up (BUR)	70%			2036	* *	10	$37,400	
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Upper Roof								
Built-Up (BUR)	28%	Now	$8,700	2036	* *			
Embedded Gravel Surface, Extent : Light, Area Affected : 100%								
Location : Courtyard Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Courtyard Level Roof Perimeter								
Copper/Terne	2%			2046	* *	10	$2,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,700	
Ceramic Tile	2%	Now	$7,600	2040	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	5%	Now	$22,000	2031	$440,300	5	$5,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Classrooms 128 And 130								
Terrazzo	3%			LIFE	* *	5	$3,200	
Vinyl Tile	60%	Now	$669,300	2041	* *	3	$30,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : 2nd And 3rd Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : 2nd And 3rd Floor Corridor								
Vinyl Tile 9" X 9"	10%	0-2	$118,800	2031	$2,375,700	3	$5,000	
Loose Units, Extent : Light, Area Affected : 5%								
Location : Corridors And Stair Landings								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Corridors And Stair Landings								
Vinyl Tile 9" X 9"	10%			2031	$2,375,700	3	$5,000	
Wood	5%			2059	* *	5	$12,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$14,200	2040	* *	5	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets								
Glazed Ceramic Panel	2%	Now	$7,900	LIFE	* *			
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	63%			LIFE	* *	5	$48,800	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Classrooms Throughout								
SGFT/Glazed Masonry	30%	Now	$348,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$8,700	2044	* *	5	$6,700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 128 And 134								
AcousTileSusp.Lay-In	10%			2044	* *	5	$13,500	
Exposed Struc: Concrete	75%			LIFE	* *	5	$15,800	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Classrooms Throughout								
Metal Panel	5%	4+	$4,500	LIFE	* *	5	$8,400	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen And Cafeteria								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2051	* *			
Iron Picket	25%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Side Sidewalk								
On-Site Walkways								
Cast in Place Concrete	90%	2-4	$4,700	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main And Side Entrance								
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%	0-2	$35,600	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout South Lot								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Center Of South Lot								

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DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	85%	4+	$10,600	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : East Side Play Yard								
Rubber Matting	15%	Now	$5,600	2031	$111,000			
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : South Side Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	10%			2051	* *	1		
Conduit	90%			2031	$181,600	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Toggle Switch	1%			2030	$2,400	5		
Molded Case Bkrs	80%			2030	$191,600	5	$1,900	
Molded Case Bkrs	4%			2047	* *	5	$100	
Wiring								
Braided Cloth	90%			2030	$262,600	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$80,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2036	* *	10	$800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Second Floor Classromm Entrances								
LED	1%	Now	$2,500	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Twenty Ballasts Are Defective								
Egress Lighting								
Emergency, Service	20%			2036	* *	1		
Emergency, Battery	30%			2036	* *	10	$6,400	
Exit, Battery	50%			2036	* *	10	$3,000	
Exterior Lighting								
LED	100%	Now	$9,500	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Twelve Light Fixtures Are Not Operational								
Alarm								
Security System								
Generic	100%			2036	* *	1	$33,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	80%			2026	$183,700	1-3	$43,900	
Generic, Digital	20%			2031	$45,900	1-3	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$27,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$38,800	2029	$775,700	1	$79,300	
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Leak On Boiler 1								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler 1								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$35,600	2041	* *			
Obsolete Equipment, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$335,000	1	$11,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Fan Room								
Explanation : One Unit Also Has Cooling Coil And Serves The Auditorium								
Convector/Radiator	80%			2036	* *	1	$23,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	20%			2036	* *			
Window/Wall Unit	60%			2029	$202,300	1		
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2036	* *	2	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Connected To Air Handler In Heating Section								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,600	
Exhaust Fans								
Interior	20%			2031	$78,900	2	$500	
Roof	80%			2031	$138,200	2	$2,200	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%	Now	$11,400	2029	$568,100	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Piping At Water Main								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Piping At Water Main								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$430,400	4	$8,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,300	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Water Backs Up When It Rains								
Sump Pump(s)								
Non-Submersible	100%	Now	$3,600	2031	$17,800	4	$1,900	
Broken, Extent : Severe, Area Affected : 20%								
Location : 1 Unit Of 2								
Sewage Ejector(s)								
Electric	100%			2031	$46,600	4	$3,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$61,500	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 26 - BX**		
Address	: **1930 ANDREWS AVENUE @ W. BURNSIDE AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X026**
Program / Asset #	: **BOE0173.000 / 2693**	**Yr Built/Renovated**	: **1922 / 1998**
Area Sq Ft	: **124,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3216** **Lot** : **2**	**BIN**	: **2014692**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$564,700	$225,000
Interior Architecture	$1,956,300	$299,400
Electrical	$998,900	$814,200
Mechanical	$1,733,500	$2,058,200
Total	**$5,253,400**	**$3,396,800**
Importance Code A	$564,700	$276,400
Importance Code B	$4,518,000	$2,888,800
Importance Code C	$170,800	$231,700
Total	**$5,253,400**	**$3,396,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$134,000	$9,900		
Interior Architecture	$126,700	$1,200	$7,400	$11,100
Electrical	$4,100	$25,400	$4,500	$3,500
Mechanical	$62,100	$62,400	$34,200	$20,700
Site Enclosure	$24,800			
Site Pavements	$24,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$380,400**	**$102,800**	**$50,000**	**$39,200**
Importance Code A	$146,300	$22,400	$12,300	$12,300
Importance Code B	$162,000	$80,400	$37,700	$26,900
Importance Code C	$72,100			
Total	**$380,400**	**$102,800**	**$50,000**	**$39,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	4+	$139,700	LIFE	* *	5	$137,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	30%	Now	$86,800	LIFE	* *	5	$52,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 1938 Building								
Masonry: Brick	20%			LIFE	* *	5	$35,100	
Masonry: Brick Cavity	25%			LIFE	* *	5	$43,900	
Masonry: Fieldstone	10%	Now	$179,500	LIFE	* *	5	$13,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Connecting Corridor To 1980 Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Connecting Corridor To 1980 Wing								
Stucco Cement	2%	0-2	$9,900	2043	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Window Wall	3%			2050	* *	5	$19,800	
Windows								
Aluminum	100%	4+	$66,900	2046	* *	5	$14,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$45,200	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5-10	$56,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	35%			LIFE	* *	5	$5,800	
Masonry: Limestone	5%	2-4	$10,300	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$5,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Modified Bitumen	95%			2035	* *	10	$91,800	
Slate	5%	Now	$20,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%	Now	$41,900	LIFE	* *	5	$21,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Basement								
Ceramic Tile	5%			2039	* *	5	$9,800	
Terrazzo	5%			LIFE	* *	5	$7,700	
Vinyl Tile	30%			2035	* *	3	$22,200	
Vinyl Tile	5%			2025	$272,100	3	$3,700	
Vinyl Tile	25%	Now	$408,100	2040	* *	3	$18,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen, Second Floor Of The 1922 And 1930 Building								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Vinyl Tile 9" X 9"	20%	0-2	$347,700	2040	* *	3	$14,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Staircase And Hallways								
Wood	5%	0-2	$117,500	2045	* *	5	$9,200	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	2-4	$11,600	2033	$231,700	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	2%			LIFE	* *			
Gypsum Board	20%	0-2	$19,600	LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	3%	Now	$16,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	2%			LIFE	* *			
Plaster	50%	Now	$170,800	LIFE	* *	5	$21,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	$475,500	2050	* *	5	$30,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Cafeteria In 1980 Wing								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Cafeteria In 1980 Wing								
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,600	
Metal Panel	5%	Now	$32,600	LIFE	* *	5	$12,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Connecting Corridors Between 1922 And 1980 Wings								
Plaster	55%	Now	$164,700	LIFE	* *	5	$67,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	30%			2065	* *			
Masonry: Fieldstone	70%	4+	$24,800	2050	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	98%	4+	$24,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout, Steps								
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Asphalt	50%			2039	* *			
Cast in Place Concrete	10%			2043	* *			
Rubber Matting	40%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$208,100	5	$400	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	90%			2030	$219,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	7%			2029	$21,000	5	$200	
Fused Disc Sw	3%			2046	* *	5	$100	
Molded Case Bkrs	60%			2046	* *	5	$2,000	
Molded Case Bkrs	30%			2029	$89,800	5	$1,000	
Wiring								
Braided Cloth	30%	2-4	$102,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Original Building								
Thermoplastic	40%			2030	$136,700	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	60%			2028	$108,900	5	$500	
Locally Mounted	40%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2035	* *	10	$104,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	6%			2035	* *	10	$6,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Incandescent	2%			2025	$68,700	2	$100	
Egress Lighting								
Emergency, Battery	20%			2025	$41,600	10	$6,000	
Emergency, Battery	30%			2035	* *	10	$9,000	
Exit, Service	40%			2035	* *	1		
Exit, Service	10%			2025	$5,300	1		
Exterior Lighting								
HID	100%			2025	$578,600	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$13,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$96,000	1-3	$22,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$122,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	2%	0-2	$11,900	2060	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Underground Of Exit 7								
Steam Piping/Pump	98%			2030	$973,100			
Terminal Devices								
Air Handler	20%			2025	$466,700	1	$15,300	
Convector/Radiator	80%			2028	$811,200	1	$32,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	15%	0-2	$5,500	2025	$274,400	1	$7,800	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Baement								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Window/Wall Unit	50%			2025	$234,900	1		
No Component	35%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%			2030	$19,500	4	$900	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2025	$234,600	1	$11,500	
No Component	85%							
Heat Rejection								
Dry Cooler	15%	0-2	$16,600	2025	$55,500	2	$10,400	
Corroded, Extent : Moderate, Area Affected : 80%								
Location : Roof								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,100	
Exhaust Fans								
Interior	85%			2025	$467,500	2	$3,200	
Roof	15%			2025	$36,100	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$102,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$8,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2040	* *	1-5	$18,800	
Sprinkler								
No Component	90%							
Generic	10%			2030	$171,500	1-2	$3,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 260 - BK**		
Address	: **875 WILLIAMS AVENUE BTWN:STANLEY AVE., GLENWOOD RD**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K260**
Program / Asset #	: **BOE0552.000 / 2541**	**Yr Built/Renovated**	: **1953 / 2002**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **8158** **Lot** : **40**	**BIN**	: **3229156**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$172,400	
Interior Architecture	$4,008,100	
Electrical	$1,246,700	$240,600
Mechanical	$401,300	$1,065,200
Site Pavements		$56,500
Total	**$5,828,500**	**$1,362,300**
Importance Code A	$172,400	$618,900
Importance Code B	$5,656,100	$743,400
Total	**$5,828,500**	**$1,362,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$95,600			
Interior Architecture	$55,100		$1,700	$2,700
Electrical	$22,700	$27,000	$3,700	$3,700
Mechanical	$22,600	$41,900	$17,300	$9,900
Site Enclosure	$7,100			
Site Pavements	$21,800			
Total	**$224,900**	**$68,900**	**$22,600**	**$16,300**
Importance Code A	$102,600	$7,200	$7,000	$7,000
Importance Code B	$91,900	$61,800	$15,600	$9,200
Importance Code C	$30,400			
Total	**$224,900**	**$68,900**	**$22,600**	**$16,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$41,200	LIFE	* *	5	$25,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C								
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Windows								
Aluminum	95%	Now	$29,300	2046	* *	5	$15,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Windows								
Glass Block	5%			LIFE	* *	5	$1,000	
Parapets								
Masonry: Brick	85%	Now	$75,300	LIFE	* *	5	$11,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair C								
Masonry: Limestone	10%	Now	$17,300	LIFE	* *	5	$1,800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Security Bars	5%	0-2	$1,100	2058	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Low Roof								
Roof								
IRMA/Protected Membrane	90%	Now	$97,100	2035	* *			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 20%								
Location : Near Bulkheads And Penthouse								
Insul Miss/Displaced, Extent : Severe, Area Affected : 20%								
Location : Near Bulkheads And Mechanical Penthouse								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Gymnasium								
Metal Panel	10%	Now	$6,600	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Stair C								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$11,600	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement Boiler Room								
Ceramic Tile	5%	0-2	$7,500	2039	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Toilets And Kitchens Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Toilets And Kitchens Throughout								
Sheet Vinyl/Rubber	10%	Now	$174,200	2040	* *	5	$4,000	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout Auditorium								
Terrazzo	2%			LIFE	* *	5	$800	
Vinyl Tile	25%			2038	* *	3	$5,000	
Vinyl Tile 9" X 9"	40%	Now	$75,200	2025	$3,758,800	3	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Landings And Throughout								
Wood	8%			2058	* *	5	$8,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	10%	Now	$4,900	LIFE	* *	5	$1,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Storage Rooms In Basement								
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	52%	Now	$6,600	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair C And Auditorium								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C And Auditorium								
SGFT/Glazed Masonry	25%	0-2	$11,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$12,500	2043	* *	5	$9,700	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Exposed Struc: Concrete	60%			LIFE	* *	5	$9,100	
Plaster	20%	Now	$11,800	LIFE	* *	5	$12,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And Toilet 3rd Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And Toilet 3rd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2050	* *			
Iron Picket	90%	0-2	$7,100	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Rear Yard By Playground								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$19,500	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	50%			2043	* *			
Masonry: Granite	50%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	50%	0-2	$2,400	2033	$47,800			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	50%			2030	$56,500			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Unable To Observe, Under Snow								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	70%			2030	$101,200	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$9,000	5	$100	
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,700	
Wiring								
Braided Cloth	60%	2-4	$119,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2030	$20,000	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$1,005,500	10	$61,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%	Now	$9,800	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Observed Malfunctioning In The Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2025	$59,600	10	$8,600	
Exit, Service	50%			2025	$15,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2035	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Photocell And Timer								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%	Now	$12,800	2035	* *	1-3	$27,800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Tamper Switch Triggers False Alarms Twice Daily								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2030	$162,900	1		
Conversion Equipment								
Steam Boiler	100%			2028	$618,900	1	$70,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units - Boiler No. 2 Undergoing Repair								
Distribution								
Central Plant Steam Piping/Pmp	100%			2040	* *	4	$5,300	
Terminal Devices								
Air Handler	25%			2025	$334,000	1	$11,000	
Convector/Radiator	75%	Now	$8,700	2035	* *	1	$15,500	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Stream Traps Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2025	$67,200	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Interior	90%			2030	$283,400	2	$2,000	
Roof	10%			2030	$13,800	2	$200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Controller Of The Heater In Basement								
Explanation : 300 Gallon Tank								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$10,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$14,200	4	$2,300	
Sewage Ejector(s)								
Electric	100%			2030	$37,200	4	$2,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$29,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 261 - BK**		
Address	: **314 PACIFIC STREET @HOYT ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K261**
Program / Asset #	: **BOE0553.000 / 1310**	**Yr Built/Renovated**	: **1957 / 2006**
Area Sq Ft	: **89,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **188** **Lot** : **14**	**BIN**	: **3001070**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$296,500	$602,800
Interior Architecture	$1,028,900	
Electrical	$499,600	$709,800
Mechanical	$1,540,800	$1,689,000
Site Pavements	$127,700	$147,600
Total	**$3,493,600**	**$3,149,200**
Importance Code A	$761,900	$602,800
Importance Code B	$2,731,600	$2,546,400
Total	**$3,493,600**	**$3,149,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,800	$10,700		$15,000
Interior Architecture	$146,000			$19,000
Electrical	$24,000	$3,200	$3,500	$9,300
Mechanical	$64,900	$20,500	$30,800	$40,800
Total	**$260,700**	**$34,400**	**$34,300**	**$84,100**
Importance Code A	$25,800	$19,500	$8,800	$24,000
Importance Code B	$158,400	$14,900	$25,500	$60,100
Importance Code C	$76,500			
Total	**$260,700**	**$34,400**	**$34,300**	**$84,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	65%			LIFE	* *	5	$32,700	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : Window, Wall Penetrations								
Metal Panel	25%	0-2	$16,700	2042	* *	5	$23,600	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Pacific Street Facade								
Pre-Cast Concrete	5%	0-2	$9,100	LIFE	* *	5	$8,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stone Window Sills								
Stucco Cement	5%			2045	* *	5	$6,300	
Windows								
Aluminum	95%	Now	$125,200	2048	* *	5	$11,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Various Window Sashes Throughout								
Glazing Broken/Cracked, Extent : Light, Area Affected : 5%								
Location : Boiler Room And Various Classrooms								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Heads Within Cafeteria								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows Throughout								
Explanation : Protective Metal Grilles								
Metal Louvers	5%			2035	* *	10	$7,500	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$29,300	
Copper/Terne	15%			2067	* *	5	$4,600	
Masonry: Brick Cavity	25%			LIFE	* *	5	$1,600	
Metal Panel	10%			2042	* *	5	$2,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,000	
Roof								
Built-Up (BUR)	50%	Now	$26,800	2032	$535,200			
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof, Classroom 408 And 424								
Built-Up (BUR)	45%	Now	$144,500	2037	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof, Around Roof Drain								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof, Over Kitchen And Office								
Copper/Terne	5%			2047	* *	10	$11,500	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$67,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,600	
Ceramic Tile	5%	0-2	$7,600	2035	* *	5	$3,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms And Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms And Kitchen								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	15%	4+	$11,200	2040	* *	3	$7,600	
Uneven Substrate, Extent : Light, Area Affected : 35%								
Location : 3rd Floor Corridors								
Vinyl Tile 9" X 9"	60%	Now	$716,100	2042	* *	3	$30,400	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughtout Classrooms								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%								
Location : Classroom 409								
Wood	5%			2047	* *	5	$12,700	
Interior Walls								
Ceramic Tile	5%	0-2	$28,400	2035	* *	5	$5,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Kitchen And Bathrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Kitchen And Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,300	
Glazed Ceramic Panel	5%			LIFE	* *			
Granite Panels	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	48%	Now	$48,200	LIFE	* *	5	$29,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$42,600	2037	* *	5	$6,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Corridor								
AcousTileConcealSpLn	25%	Now	$106,500	2037	* *	5	$20,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : At Second, Third And Fourth Floor Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Second, Third And Fourth Floor Corridors								
Exposed Struc: Concrete	52%	0-2	$206,300	LIFE	* *	5	$10,800	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Storage Room adjacent to stage								
Metal Panel	3%			LIFE	* *	5	$5,000	
Plaster	10%	Now	$8,100	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exit To Street From Kitchen								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Above Windows In Cafeteria, Auditorium Stage Left								
Site Enclosure								
Fence/Gates								
Aluminum Picket	20%			2052	* *			
Chain Link	65%			2052	* *			
Iron Picket	15%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$62,100	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Along Pacific Street And Dean Street								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	15%	Now	$46,800	2047	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Play Yard. South East Corner								
Tripping Hazard, Extent : Severe, Area Affected : 15%								
Location : Play Yard. South East Corner								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Playground Adjacent Audtiorium								
Explanation : Water Penetrates Into Auditorium Corridor								
Asphalt	60%	0-2	$18,700	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Main Play Yard								
Tripping Hazard, Extent : Light, Area Affected : 10%								
Location : At Planter Beds								
Pavers/Stone	5%			2035	* *			
Rubber Matting	20%			2032	$147,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2032	$27,200	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes Each.								
Fused Disc Sw	40%			2052	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Service Disconnect Switches Rated At 400 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$227,600	5	$2,300	
Raceway								
Conduit	90%			2032	$181,600	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$24,000	5	$200	
Molded Case Bkrs	80%			2031	$191,600	5	$1,900	
Molded Case Bkrs	10%			2048	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$262,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	60%			2030	$71,700	5	$400	
Locally Mounted	30%	2-4	$21,500	2052	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	10%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	92%			2037	* *	10	$75,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	8%			2037	* *			
Egress Lighting								
Emergency, Battery	25%			2027	$37,300	10	$5,400	
Emergency, Battery	25%			2032	$37,300	10	$5,400	
Exit, Service	50%			2032	$19,200	1		
Exterior Lighting								
HID	15%			2027	$62,300	10		
HID	15%	Now	$62,300	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$10,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$16,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$207,000	5	$27,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$465,400	2052	* *	1	$79,300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Burners. Boiler Room.								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers. Boilers Are Beyond Their Useful Life Cycle								
Distribution								
Steam Piping/Pump	100%	2-4	$427,600	2062	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Supply Line And Vacuum Pump Leaking								
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Thermostats, Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Piping Are Beyond Their Useful Life Cycle								
Terminal Devices								
Air Handler	15%			2027	$251,200	1	$8,300	
Convector/Radiator	85%			2030	$618,600	1	$24,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2032	$131,300	1	$4,100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : For Auditorium. Courtyard								
Split Unit	10%			2037	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Explanation : R-410a								
Window/Wall Unit	70%	0-2	$11,800	2027	$236,000	1		
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Various Locations, Multiple Mechanical And Electrical Defects								
No Component	10%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2037	* *	1	$5,800	
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	10%			2032	$23,200	2	$6,200	
Evaporative Condenser	10%			2037	* *	2	$6,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$39,700	
No Component	20%							
Exhaust Fans								
Interior	20%			2027	$78,900	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle								
Roof	60%	0-2	$10,400	2037	* *	2	$1,300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof, Multiple Mechanical And Or Electrical Defects								
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Roof. Two Exhaust Fans At Roof								
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Roof, Exhaust Fans Are Beyond Their Useful Life Cycle								
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$568,100	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$102,500	2		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$8,800	
Sanitary Piping								
Cast Iron	100%	Now	$22,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Sewer Backup In Principal Bathroom During Heavy Rain. Blockage In 2nd And 4th Floor Student Restrooms, And Room 113 And 115. Sluggish Operation								
Broken, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$400	2032	$17,800	4	$1,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement. Float Malfunctioning								
Sewage Ejector(s)								
Electric	100%			2032	$46,600	4	$5,300	
Backflow Preventer								
Generic	100%			2040	* *	1	$5,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$61,500	1-2	$1,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 262 - BK**				
Address	: **500 MACON STREET BTWN: STUYVESANT AVE., MALCOLM X**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K262**	
Program / Asset #	: **BOE0554.000 / 1189**		**Yr Built/Renovated**	: **1961 / 2000**	
Area Sq Ft	: **82,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **13-Jun-2019**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **1671**	**Lot** : **19**	**BIN**	: **3046876**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,086,700	$1,916,400
Interior Architecture	$1,255,600	$2,682,100
Electrical	$262,600	$817,300
Mechanical	$457,600	$1,326,800
Site Pavements		$112,000
Total	**$3,062,500**	**$6,854,600**
Importance Code A	$1,086,700	$2,631,200
Importance Code B	$1,835,100	$4,223,400
Importance Code C	$140,700	
Total	**$3,062,500**	**$6,854,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,300	$30,500		
Interior Architecture	$260,600			$11,100
Electrical	$6,800	$65,200	$1,400	$1,300
Mechanical	$27,000	$85,900	$22,300	$11,400
Site Enclosure	$44,800			
Site Pavements	$109,000			
Total	**$487,600**	**$181,600**	**$23,800**	**$23,700**
Importance Code A	$47,400	$38,800	$8,100	$8,100
Importance Code B	$235,900	$142,800	$15,600	$15,600
Importance Code C	$204,300			
Total	**$487,600**	**$181,600**	**$23,800**	**$23,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$8,100	
Masonry: Brick	65%	4+	$58,100	LIFE	* *	5	$35,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Kitchen								
Masonry: Limestone	2%			LIFE	* *	5	$800	
Metal Panel	30%			2050	* *	5-10	$112,000	
Windows								
Aluminum	95%	Now	$825,100	2046	* *	5	$17,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Classrooms Throughout								
Hardware Missing, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Glass Block	5%	Now	$4,000	LIFE	* *	5	$1,100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,300	
Masonry: Brick	40%			LIFE	* *	5	$4,400	
Metal Rail	55%			2043	* *	5-10	$109,600	
Roof								
Built-Up (BUR)	35%	Now	$203,500	2035	* *			
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium And Auditorium								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Over Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Kitchen								
IRMA/Protected Membrane	60%	0-2	$35,400	2030	$1,768,400			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Metal Panel	5%			2043	* *	10	$11,400	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,600	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement Mechanical Room								
Mosaic Tile	3%	Now	$35,600	2043	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	5%	Now	$8,300	2030	$413,300	5	$4,700	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Under Library Windows								
Terrazzo	2%	4+	$4,700	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entrance Vestibule								
Vinyl Tile	65%	Now	$45,400	2030	$2,268,700	3	$30,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria And Throughout								
Vinyl Tile 9" X 9"	5%	0-2	$22,300	2025	$1,115,000	3	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : First Floor Offices Throughout								
Wood	10%			2058	* *	5	$23,700	
Interior Walls								
Ceramic Tile	5%	Now	$28,900	2039	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%	4+	$39,500	LIFE	* *	5	$8,400	
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Glazed Ceramic Panel	5%	0-2	$16,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Plaster	55%	2-4	$140,700	LIFE	* *	5	$34,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms Throughout								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Classrooms Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$40,700	2035	* *	5	$12,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Cafeteria And Corridors Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5	$9,900	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	25%	Now	$19,200	LIFE	* *	5	$19,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Iron Picket	75%	0-2	$44,800	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$22,800	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Along Macon Street								
On-Site Walkways								
Cast in Place Concrete	75%	Now	$32,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Granite	25%	2-4	$39,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Exits Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$2,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Dumpsters								
Activity Yard								
Asphalt	100%	Now	$11,200	2033	$112,000			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : West Side Yard								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : West Side Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Electrical Services Rated At 1,200 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	20%			2050	* *	5	$100	
Molded Case Bkrs	80%			2030	$182,100	5	$1,700	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2050	* *	1		
Panelboards								
Molded Case Bkrs	90%			2029	$215,500	5	$1,900	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$262,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$95,500	5	$400	
Locally Mounted	20%			2050	* *	5	$100	
Recent Replace Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout Building								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$73,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%	Now	$4,500	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Auditorium And Gymnasium								
Explanation : Light Fixtures Are Out								
Egress Lighting								
Emergency, Battery	50%			2030	$68,800	10	$9,900	
Exit, Service	50%			2030	$17,700	1		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
Exterior Lighting								
LED	100%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$30,800	1	$6,100	
Fire/Smoke Detection								
No Component	85%							
Generic, Analog	15%			2025	$31,700	1-3	$7,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$25,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	$714,700	1	$81,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Boiler Burners Were Converted To Fire No. 4 Fuel Oil								
Distribution								
Steam Piping/Pump	100%			2056	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Various Locations								
Explanation : Steam Traps Recent Installation								
Terminal Devices								
Air Handler	20%			2025	$308,600	1	$10,100	
Convector/Radiator	80%			2035	* *	1	$21,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	2%			2030	$38,900			
Window/Wall Unit	5%	0-2	$9,300	2030	$15,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects, Rooms 309, 300								
Window/Wall Unit	28%			2025	$87,000	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2030	$72,700	2	$500	
Roof	80%			2030	$127,300	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$396,500	4	$8,100	
Sanitary Piping								
Cast Iron	10%	0-2	$62,000	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Throughout Basement, Heavy Internal Pipe Corrosion								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Yard And Roof								
Sump Pump(s)								
Non-Submersible	100%			2025	$16,400	4	$2,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2025	$42,900	4	$4,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	95%							
Generic	5%			2035	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : For Boiler Feed								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 262 Q/ P. S. 306 - Q NYC ACADEMY FOR DISCOVERY**		
Address	: **95-16 89TH AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q262**
Program / Asset #	: **BOE1071.000 / 14417**	**Yr Built/Renovated**	: **2008 / 2015**
Area Sq Ft	: **48,243**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8975** **Lot** : **100**	**BIN**	: **4860213**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$57,300
Interior Architecture		$104,400
Total		**$161,700**
Importance Code A		$57,300
Importance Code C		$104,400
Total		**$161,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,400	$35,300	$3,800	
Interior Architecture	$6,600		$10,400	
Electrical	$1,400	$51,700	$2,200	$1,400
Mechanical	$5,200	$5,700	$8,900	$6,600
Site Pavements	$15,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$37,700**	**$100,600**	**$33,300**	**$15,800**
Importance Code A	$3,600	$38,000	$6,000	$2,600
Importance Code B	$29,300	$62,600	$27,300	$13,200
Importance Code C	$4,800			
Total	**$37,700**	**$100,600**	**$33,300**	**$15,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 262 Q/ P. S. 306 - Q NYC ACADEMY FOR DISCOVERY
Asset # : 14417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$57,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,900	
Window Wall	2%			2050	* *	5	$4,500	
Windows								
Aluminum	95%			2046	* *	5	$7,600	
Glass Block	5%			LIFE	* *	5	$300	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$24,400	
Masonry: Brick Cavity	45%			LIFE	* *	5	$2,400	
Metal Panel	5%			2050	* *	5	$1,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,700	
Roof								
IRMA/Protected Membrane	95%			2035	* *	10	$32,500	
Roll Roofing	5%			2029	$11,100	5	$2,900	
Soffits								
Exposed Struc: Steel	50%			LIFE	* *	5		
Glass: Special Gauge	50%			LIFE	* *	1		
Interior								
Floors								
Carpet	10%			2029	$127,700	3	$10,800	
Cast in Place Concrete	5%			LIFE	* *	5	$7,900	
Ceramic Tile	5%			2039	* *	5	$3,600	
Quarry Tile	5%			2043	* *	5	$5,400	
Vinyl Tile	75%			2035	* *	3	$20,300	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$9,700	
Glass: Single Pane	5%			LIFE	* *	5	$7,300	
Gypsum Board	90%			LIFE	* *	5	$104,400	
Ceilings								
AcousTileSusp.Lay-In	85%			2043	* *	5	$61,400	
Gypsum Board	10%			LIFE	* *	5	$9,000	
Metal Panel	5%			LIFE	* *	5	$4,500	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2050	* *			
Iron Picket	70%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	10%			2039	* *			
Cast in Place Concrete	90%			2043	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 262 Q/ P. S. 306 - Q NYC ACADEMY FOR DISCOVERY
Asset # : 14417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	95%			2039	* *			
Rubber Matting	5%	Now	$15,200	2040	* *			
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$42,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2035	* *	10	$2,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$5,800	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10		
No Component	70%							

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 262 Q/ P. S. 306 - Q NYC ACADEMY FOR DISCOVERY
Asset # : 14417

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2050	* *	1		
Natural Gas	90%			2050	* *	1		
Conversion Equipment								
Furnace	90%			2035	* *	1	$21,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Units Providing Both Heat And Air Conditioning								
Radiant Heater	10%			2035	* *	2	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Staircases And Entrances								
Explanation : 10 Electrical Units								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2035	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Units, 407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$26,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 262 Q/ P. S. 306 - Q NYC ACADEMY FOR DISCOVERY
Asset # : 14417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2035	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$1,900	
Backflow Preventer								
Generic	100%			2035	* *	1	$3,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$13,500	
Fire Pump								
Generic	100%			2039	* *	1	$9,000	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 264 - BK BAY RIDGE ELEM. SCH FOR THE ARTS**		
Address	: **371 89TH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K264**
Program / Asset #	: **BOE1131.000 / 14877**	**Yr Built/Renovated**	:
Area Sq Ft	: **73,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **6062** **Lot** : **141**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$152,800	$175,500
Interior Architecture	$90,300	
Mechanical		$357,200
Total	**$243,100**	**$532,700**
Importance Code A	$152,800	$175,500
Importance Code B		$357,200
Importance Code C	$90,300	
Total	**$243,100**	**$532,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$122,600	$11,300	$4,400	
Interior Architecture	$103,800	$28,300	$43,600	
Electrical	$8,800	$6,800	$8,600	$6,800
Mechanical	$53,100	$53,600	$36,400	$29,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$296,200**	**$108,000**	**$101,000**	**$44,500**
Importance Code A	$126,200	$14,900	$8,000	$3,600
Importance Code B	$121,700	$93,100	$62,200	$40,900
Importance Code C	$48,200		$30,800	
Total	**$296,200**	**$108,000**	**$101,000**	**$44,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 264 - BK BAY RIDGE ELEM. SCH FOR THE ARTS
Asset # : 14877

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,600	
Glass Block	5%	Now	$19,400	LIFE	* *	5	$2,400	
Water Penetration, Extent : Moderate, Area Affected : 5% *Location : Stairway*								
Masonry: Brick	70%	4+	$87,900	LIFE	* *	5	$53,400	
Expansion Joint Failure, Extent : Light, Area Affected : 5% *Location : Throughout*								
Metal Panel	15%			2059	* *	5-10	$78,600	
Window Wall	5%			2059	* *	5	$14,300	
Windows								
Aluminum	95%			2055	* *	5	$13,400	
Metal Louvers	5%			2046	* *	10	$4,400	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$129,800	
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$17,800	
Masonry: Brick	30%			LIFE	* *	5-10	$25,800	
Metal Panel	15%			2059	* *	5	$7,300	
Roof								
IRMA/Protected Membrane	90%			2041	* *	10	$31,700	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100% *Location : Throughout*								
Plaza Roof: Stone Panels	10%			2059	* *			
Soffits								
Exposed Struc: Steel	35%			LIFE	* *	5	$12,400	
Stucco Cement	65%			2050	* *	5	$9,200	
Interior								
Floors								
Carpet	5%			2032	$69,700	3	$5,900	
Cast in Place Concrete	5%			LIFE	* *	5	$17,300	
Ceramic Tile	10%			2046	* *	5	$7,900	
Quarry Tile	5%			2050	* *	5	$5,900	
Vinyl Tile	70%			2041	* *	3	$20,700	
Wood	5%			2068	* *	5	$7,400	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$25,600	
Ceramic Tile	30%			2046	* *	5	$61,600	
Concrete Masonry Unit	15%			LIFE	* *	5	$24,600	
Gypsum Board	40%			LIFE	* *	5-10	$139,500	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$10,300	
Ceilings								
AcousTileSusp.Lay-In	70%			2050	* *	5	$50,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$7,300	
Gypsum Board	25%			LIFE	* *	5-10	$62,300	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
P. S. 264 - BK BAY RIDGE ELEM. SCH FOR THE ARTS
Asset # : 14877

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Asphalt	30%			2046	* *			
Cast in Place Concrete	20%			2050	* *			
Rubber Matting	50%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	95%			2049	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	60%			2038	* *	10	$40,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2038	* *	10	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lights								
LED	30%			2041	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 264 - BK BAY RIDGE ELEM. SCH FOR THE ARTS
Asset # : 14877

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$8,800	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$400	
Alarm								
Security System								
Generic	100%			2038	* *	1	$27,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Lobby, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$45,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Furnace	75%			2038	* *	1	$27,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Package Units								
Hot Water Boiler	25%			2046	* *	1	$9,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	25%			2055	* *	4	$900	
No Component	75%							
Terminal Devices								
Convector/Radiator	25%			2046	* *	1	$5,900	
No Component	75%							
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 264 - BK BAY RIDGE ELEM. SCH FOR THE ARTS
Asset # : 14877

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2038	* *	2	$4,500	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units, Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,500	
Exhaust Fans								
Roof	100%			2038	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,900	
Backflow Preventer								
Generic	100%			2041	* *	1	$4,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$20,400	
Fire Pump								
Generic	100%			2042	* *	1	$13,600	
Chemical System								
Generic	100%			2031	$306,000	1-3	$279,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 75 Sqare Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 267 / P. S. 59 -(MEETH) -M BEEKMAN HILL INTERNATIONAL**		
Address	: **213 EAST 63RD STREET BTWN: 2ND AVE - 3RD AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M267**
Program / Asset #	: **BOE1073.000 / 14419**	**Yr Built/Renovated**	: **1917 / 2008**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,7,Ph**		
Block	: **1418** **Lot** : **7**	**BIN**	: **1087680**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$328,300	$79,700
Interior Architecture	$75,400	$83,200
Electrical	$50,400	
Mechanical	$83,900	$1,593,100
Total	**$538,100**	**$1,756,000**
Importance Code A	$328,300	$79,700
Importance Code B	$134,400	$1,593,100
Importance Code C	$75,400	$83,200
Total	**$538,100**	**$1,756,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,300		$500	$1,800
Interior Architecture	$47,700	$24,000		$7,900
Electrical	$10,300	$12,400	$10,300	$10,700
Mechanical	$83,300	$8,900	$27,900	$11,200
Elevators/Escalators	$20,700	$20,700	$20,700	$20,700
Total	**$227,400**	**$66,100**	**$59,500**	**$52,200**
Importance Code A	$65,300	$1,600	$600	$1,800
Importance Code B	$162,100	$44,700	$58,800	$50,500
Importance Code C		$19,800		
Total	**$227,400**	**$66,100**	**$59,500**	**$52,200**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 267 / P. S. 59 -(MEETH) -M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$35,400	
Masonry: Brick	88%	Now	$328,300	LIFE	* *	5	$79,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Eastern Facade								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Front And Rear Of Building								
Masonry: Granite	2%			LIFE	* *	5	$1,400	
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Windows								
Aluminum	80%			2047	* *	5	$2,800	
Aluminum	20%			2047	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Story, 5th Floor, Stairs								
Explanation : Protective Metal Grilles								
Parapets								
Concrete Masonry Unit	25%			LIFE	* *	5	$2,500	
Metal Panel	3%			2051	* *	5	$1,000	
Metal Security Bars	40%			2059	* *			
Stucco Cement	7%			2044	* *	5	$1,600	
No Component	25%							
Roof								
Clay Tile	25%	Now	$49,600	2041	* *			
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : West And East Roofs								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East And West Bulkheads								
Explanation : Spanish Tile								
IRMA/Protected Membrane	75%	4+	$14,900	2036	* *			
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Between Paver Joints - Mechanical Area								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,200	
Ceramic Tile	10%			2040	* *	5	$8,400	
Quarry Tile	5%			2044	* *	5	$6,300	
Vinyl Tile	75%			2036	* *	3	$31,500	
Wood	5%			2059	* *	5	$7,900	
Interior Walls								
Ceramic Tile	20%			2040	* *	5	$39,600	
Gypsum Board	70%			LIFE	* *	5	$83,200	
Masonry: Brick	10%	Now	$75,400	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Electrical Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 267 / P. S. 59 -(MEETH) -M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	78%			2044	* *	5	$65,500	
Exposed Struc: Steel	8%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Bulkhead Ceilings								
Explanation : Steel Beams And Girders								
Exposed Struc: Steel	7%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, 6th/7th Floors								
Explanation : Metal Decking								
Masonry: Infill Arch	7%			LIFE	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	40%			2036	* *			
No Component	60%							
Activity Yard								
Cast in Place Concrete	40%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Padding On Adjacent Walls								
No Component	60%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2044	* *	5	$300	
Variable Frequency Drive	30%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	

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DEPARTMENT OF EDUCATION - 040

P. S. 267 / P. S. 59 -(MEETH) -M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$16,900	
Generators								
Diesel	100%			2040	* *	1	$21,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Roof								
Explanation : 200 Kilowatt Capacity								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$2,000	
Fuel Storage								
Day Tank	10%			2047	* *	5		
Main Tank	90%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$45,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2036	* *	10	$5,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	20%			2036	* *	1		
Exit, Battery	30%			2036	* *	10	$1,100	
Exterior Lighting								
Not Accessible	100%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$400	
Alarm								
Security System								
Generic	50%			2036	* *	1	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$10,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$34,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 267 / P. S. 59 -(MEETH) -M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2040	* *	5	$3,300	
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	50%			2031	$517,500	1	$17,000	
Convector/Radiator	50%			2044	* *	1	$8,900	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2036	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Rooftop Packaged Air Conditioning Unit Serves Gymnasium								
Water Cooled interior Pkg Unit	85%	Now	$83,900	2029	$839,400	2		
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basment Unit 1 And Penthouse Mechanical Room Unit 8								
Distribution								
CW & CHW Wtr Pipe/Pump	85%			2051	* *	4	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 7th Floor Mechanical Equipment Room								
Explanation : Condenser Water Pumps From Packaged Air Conditioner To Cooling Tower On The Roof								
No Component	15%							
Heat Rejection								
Water Cooling Tower	85%			2032	$236,100	2	$47,100	
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,700	
Exhaust Fans								
Interior	75%			2036	* *	2	$1,300	
Roof	25%			2036	* *	2	$400	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 267 / P. S. 59 -(MEETH) -M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$35,300	2051	* *	1		
Booster Pump w/Tank, Extent : Severe, Area Affected : 10%								
Location : Booster Pump Is Not Working								
HW Heat Exchanger								
HTHW/HW	100%	Now	$30,800	2051	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Two Hot Water Tanks Utilizing Steam To Make Hot Water Are Not Working, Building Used Older Heat Exchanger For Hot Water								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$11,000	4	$1,200	
Sewage Ejector(s)								
Electric	100%			2031	$28,800	4	$2,200	
Backflow Preventer								
Generic	100%			2036	* *	1	$3,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 2 Units From Cellar To 6th Floor, 1 Unit From 6th To 8th Floor								
Explanation : 3 Units, 1 Unit Serving 6th To 8th Floor Is Broken								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$28,800	
Sprinkler								
Generic	100%			2051	* *	1-2	$15,400	
Fire Pump								
Generic	100%			2040	* *	1	$10,300	
Chemical System								
No Component	95%							
Generic	5%			2029	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 268 - BK**
Address : **133 EAST 53RD STREET BTWN: WINTHROP ST., CLARKSON A**
Borough : **BROOKLYN**
Agency's Number : **K268**
Program / Asset # : **BOE0557.000 / 2818**
Yr Built/Renovated : **1953 / 2001**
Area Sq Ft : **71,000**
Project Type : **EDUCATION**
Date of Survey : **11-Mar-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4623** **Lot** : **28** **BIN** : **3100292**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$376,300	$1,011,300
Interior Architecture	$4,698,500	
Electrical	$1,222,100	$405,800
Mechanical	$53,800	$800,900
Site Pavements		$57,700
Total	**$6,350,600**	**$2,275,700**
Importance Code A	$376,300	$1,011,300
Importance Code B	$5,974,300	$1,264,400
Total	**$6,350,600**	**$2,275,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$11,300	
Interior Architecture	$44,600	$3,300	$2,000	
Electrical	$6,500	$18,000	$2,500	$2,000
Mechanical	$89,800	$10,800	$14,300	$12,900
Site Pavements	$51,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$196,200**	**$36,100**	**$34,000**	**$18,900**
Importance Code A	$7,000	$7,200	$18,300	$7,000
Importance Code B	$188,600	$28,900	$15,700	$11,800
Importance Code C	$700			
Total	**$196,200**	**$36,100**	**$34,000**	**$18,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$23,700	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Penthouse								
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	70%			2046	* *	5	$22,600	
Glass Block	25%			LIFE	* *	5	$5,100	
Steel	5%	Now	$72,900	2055	* *	5	$10,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5		
Masonry: Limestone	5%			LIFE	* *	5		
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	10%			2043	* *	5-10		
Roof								
Built-Up (BUR)	95%	Now	$303,400	2030	$1,011,300			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium And Cafeteria								
Copper/Terne	5%			2058	* *	10	$11,400	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$47,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$11,600	
Ceramic Tile	3%			2039	* *	5	$1,600	
Terrazzo	2%			LIFE	* *	5	$800	
Vinyl Tile	30%			2035	* *	3	$6,000	
Vinyl Tile 9" X 9"	50%			2025	$4,698,500	3	$10,000	
Wood	5%			2058	* *	5	$5,000	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$1,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$1,000	
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$4,300	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$7,800	2043	* *	5	$6,100	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Cafeteria								
AcousTileSusp.Lay-In	15%			2043	* *	5	$14,500	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,300	
Plaster	60%	Now	$35,400	LIFE	* *	5	$36,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkheads And Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2050	* *			
Iron Picket	60%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$33,900	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East 53rd Street Side								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	60%	Now	$14,600	2039	* *			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Play Equipment Area								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Play Equipment Area								
Explanation : Drains Are Inadequate								
Cast in Place Concrete	30%			2043	* *			
Rubber Matting	10%	Now	$2,900	2030	$57,700			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Play Equipment Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Electrical Service Switches Rated At 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	70%			2030	$101,200	1		
Conduit	30%			2050	* *	1		
Panelboards								
Molded Case Bkrs	50%			2046	* *	5	$900	
Molded Case Bkrs	50%	4+	$4,500	2029	$89,800	5	$500	
Mech. Misoperation, Extent : Moderate, Area Affected : 50%								
Location : Kitchen Equipment Trip Circuits								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : 3rd Floor Gymnasium								
Explanation : Bad Circuit Breaker								
Wiring								
Braided Cloth	50%	2-4	$99,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$95,500	5	$400	
Locally Mounted	20%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$1,005,500	10	$61,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2030	$59,600	10	$8,600	
Exit, Service	50%			2025	$15,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	2%			2030	$5,700	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Under Canopy And Exterior Soffits								
HID	18%			2030	$59,600	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside And Hallways								
Explanation : Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$54,900	1-3	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$70,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Boilers Retubed In Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	2-4	$28,400	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Unit Heating Coil In Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 30%								
Location : Faulty Floats At Water Fill Tank In Boiler								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Thermostats And Valves Throughout								
Explanation : Controls Issues.								
Terminal Devices								
Air Handler	20%	Now	$5,300	2030	$267,200	1	$7,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Blower In Basement								
Explanation : Faulty Flexible Connector.								
Convector/Radiator	80%			2035	* *	1	$18,300	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	1%	Now	$4,700	2035	* *	2		
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Lower Roof								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Lower Roof								
Explanation : Both Units Are Out Of Service Due To Defective Valves								
Exterior Pkg Unit - Cooling	14%			2035	* *	2	$600	
Split Unit	10%			2030	$168,600			
Window/Wall Unit	20%	0-2	$1,100	2025	$53,800	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	55%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2035	* *	1	$6,600	
Fan Coil - 2 Pipe	10%			2030	$97,500	1	$2,300	
No Component	75%							
Heat Rejection								
Dry Cooler	10%			2030	$14,700	2	$4,900	
No Component	90%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	40%	Now	$24,900	LIFE	* *	2-5	$15,800	
Faulty Air Intake, Extent : Severe, Area Affected : 100%								
Location : Outside Air Dampers For Boiler No 2 And Hot Water Heater.								
No Component	60%							
Exhaust Fans								
Interior	85%			2030	$267,700	2	$1,800	
Roof	15%			2030	$20,700	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%	Now	$9,100	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Main Water Service Valves In Basement								
Not Insulated, Extent : Moderate, Area Affected : 40%								
Location : Water Supply Piping In Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Area Drains Back Ups In Various Locations								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$2,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Ground Floor								
Explanation : 1 Freight								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

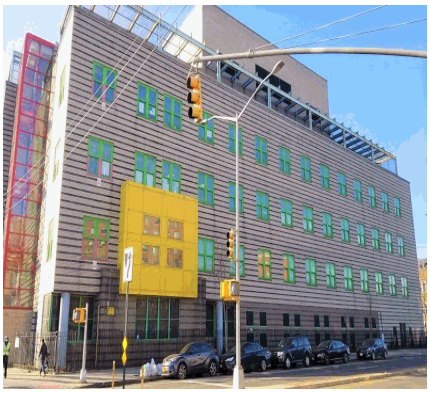
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 268 - Q**
Address : **92-07 175 STREET @JAMAICA AVENUE**
Borough : **QUEENS** | **Agency's Number** : **Q268**
Program / Asset # : **BOE1036.000 / 13589** | **Yr Built/Renovated** : **2003 /**
Area Sq Ft : **100,106** | **Project Type** : **EDUCATION**
Date of Survey : **20-Nov-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Ph**
Block : **10215** **Lot** : **1** | **BIN** : **4217573**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$117,400
Interior Architecture	$162,500	$53,200
Electrical		$1,629,900
Mechanical		$760,400
Total	**$162,500**	**$2,560,900**
Importance Code A		$117,400
Importance Code B	$53,200	$2,443,400
Importance Code C	$109,300	
Total	**$162,500**	**$2,560,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$74,800			$13,000
Interior Architecture	$41,500	$32,300	$2,000	$2,200
Electrical	$9,400	$24,300	$9,900	$10,400
Mechanical	$81,300	$34,000	$54,600	$61,900
Site Pavements	$19,300			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$234,200**	**$98,500**	**$74,400**	**$95,400**
Importance Code A	$84,800	$9,900	$9,900	$23,100
Importance Code B	$149,500	$88,600	$62,500	$72,300
Importance Code C			$2,000	
Total	**$234,200**	**$98,500**	**$74,400**	**$95,400**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$117,400	
Metal Panel	5%			2052	* *	5-10	$47,500	
Window Wall	10%	Now	$21,000	2052	* *	5	$25,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Along 175th Street								
Windows								
Aluminum	95%			2048	* *	5	$13,100	
Metal Louvers	5%			2041	* *	10	$4,300	
Parapets								
Masonry: Brick	75%	Now	$26,600	LIFE	* *	5	$10,500	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Upper Penthouse								
Metal: Cage/Fence	20%	0-2	$3,300	2045	* *	5	$9,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Roof Activity Yard								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Roof								
Built-Up (BUR)	40%	Now	$4,400	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into Room 415								
Paver: Asphalt	60%	Now	$19,600	2041	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Roof Activity Yard								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Play Area								
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%	Now	$12,700	LIFE	* *	5	$16,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Electrical Room								
Mosaic Tile	3%			2045	* *	5	$11,200	
Quarry Tile	5%			2045	* *	5	$11,200	
Sheet Vinyl/Rubber	2%			2037	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	75%			2037	* *	3	$42,100	
Wood	5%			2060	* *	5	$14,000	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%			2041	* *	5	$4,000	
Concrete Masonry Unit	58%	Now	$109,300	LIFE	* *	5	$23,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rooms C31, C05								
Gypsum Board	5%			LIFE	* *	5	$3,000	
Metal: Cage/Fence	5%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	3%			LIFE	* *	5	$12,000	
Ceilings								
AcousTileSusp.Lay-In	9%	Now	$4,500	2045	* *	5	$6,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Basement								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : C29, C30, C31 And C32								
AcousTileSusp.Lay-In	71%			2045	* *	5	$106,400	
Exposed Struc: Steel	3%	Now	$21,600	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Room C28								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms C28a, C28b.								
Exposed Struc: Steel	7%			LIFE	* *			
Gypsum Board	5%	Now	$2,600	LIFE	* *	5	$9,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Penthouse Stairs, Room 415								
Metal Panel	5%			LIFE	* *	5	$9,400	
Site Enclosure								
Fence/Gates								
Chain Link	15%			2052	* *			
Iron Picket	85%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fence								
Explanation : Iron Picket And Chain Link Fence On Top Of Concrete Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$18,300	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 175th Avenue And Jamaica Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	20%			2041	* *			
Rubber Matting	80%	0-2	$1,000	2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Activity Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Swith Rated At 3000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Six Vertical Sections								
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$30,800	
Generators								
Diesel	100%			2041	* *	1	$38,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 455 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$22,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	25%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 100 Gallons Rated Capacity								
Main Tank	75%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	93%			2032	$1,387,800	10	$85,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2032	$74,600	10	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Auditorium								
Explanation : Compact Fluorescent Lights								
HID	2%			2032	$23,700	10	$100	
Egress Lighting								
Emergency, Service	50%			2032	$30,800	1		
Exit, Service	50%			2032	$21,600	1		
Exterior Lighting								
Fluorescent	5%			2032	$20,000	10	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entrance Door								
Explanation : Compact Fluorescent Lights								
HID	5%			2032	$23,400	10		
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2047	* *	5	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	$37,600	1	$7,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$77,500	1-3	$18,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Auditorium, Gymnasium, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Basement Gas Meter Room								
Explanation : Area Of Concern. There Is An Electrical Radiant In Gas Meter Room.								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$99,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. No.2 Is Under Repair.								
Distribution								
Steam Piping/Pump	100%	Now	$16,000	2052	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	50%			2037	* *	1	$31,000	
Convector/Radiator	40%			2045	* *	1	$12,900	
Unit Heater - Steam	10%			2037	* *	4	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2037	* *	1	$41,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers, Penthouse								
Reciprocating Compr/Chiller	5%	0-2	$1,500	2037	* *	1	$2,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Split Unit	5%			2032	$118,900			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Communication Room And Elevator Room								
Distribution								
CW & CHW Wtr Pipe/Pump	95%			2052	* *	4	$7,000	
No Component	5%							
Terminal Devices								
Air Handler/Cool/Ht	95%			2037	* *	1	$58,800	
Fan Coil - 2 Pipe	5%			2032	$152,700	1	$1,600	
Heat Rejection								
Evaporative Condenser	5%			2032	$26,300	2	$3,500	
Dry Cooler	95%			2032	$436,400	2	$66,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,800	
Exhaust Fans								
Interior	80%			2037	* *	2	$2,500	
Roof	20%			2037	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	6%	0-2	$3,900	2052	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Booster Pump And Water Main Valve, Basement Meter Room.								
Brass/Copper	94%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	30%	0-2	$7,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Restroom To Basement Generator Room.								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$20,000	4	$3,200	
Sewage Ejector(s)								
Electric	100%			2032	$52,400	4	$6,000	
Backflow Preventer								
Generic	100%	0-2	$900	2037	* *	1	$5,500	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Nurse Room								
Explanation : Leaking								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To Penthouse.								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$50,500	
Sprinkler								
Generic	100%			2052	* *	1-2	$28,000	
Fire Pump								
Generic	100%			2041	* *	1	$18,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	1%			2030	$800	1-3	$900	
	Other Observation, Extent : N/A, Area Affected : 100% *Location : Kitchen* *Explanation : Ansul-102*							
No Component	99%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 269 - BK**				
Address	: **1957 NOSTRAND AVENUE @ FOSTER AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K269**
Program / Asset #	: **BOE0558.000 / 2617**			**Yr Built/Renovated**	: **1952 / 2001**
Area Sq Ft	: **81,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**				
Block	: **4994**	**Lot**	: **23**	**BIN**	: **3113780**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$685,300	$114,900
Interior Architecture	$1,070,000	$4,771,800
Electrical	$320,700	$1,555,700
Mechanical	$1,132,800	$4,319,500
Site Enclosure	$69,200	
Total	**$3,278,000**	**$10,762,000**
Importance Code A	$685,300	$820,900
Importance Code B	$2,122,500	$9,941,100
Importance Code C	$470,100	
Total	**$3,278,000**	**$10,762,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,400		$43,700	
Interior Architecture	$86,900		$4,000	$16,100
Electrical	$51,300	$13,200	$13,500	$15,800
Mechanical	$133,000	$16,500	$75,500	$22,900
Site Pavements	$79,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$401,800**	**$33,600**	**$140,600**	**$58,800**
Importance Code A	$77,400	$8,000	$51,700	$8,000
Importance Code B	$245,600	$25,600	$88,900	$50,700
Importance Code C	$78,800			
Total	**$401,800**	**$33,600**	**$140,600**	**$58,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%	Now	$5,000	LIFE	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium And First Floor Corridor								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : First Floor Corridor								
Masonry: Brick	93%	Now	$473,000	LIFE	* *	5	$114,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Windows At Gymnasium, Cafeteria, Auditorium								
Masonry: Limestone	2%			LIFE	* *	5	$3,700	
Pre-Cast Concrete	3%			LIFE	* *	5	$24,100	
Windows								
Aluminum	100%			2049	* *	5	$37,300	
Parapets								
Masonry: Brick	55%	Now	$59,600	LIFE	* *	5	$9,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Auditorium								
Masonry: Limestone	5%			LIFE	* *	5-10	$10,400	
Metal Panel	15%			2043	* *	5	$9,900	
Metal Rail	15%			2046	* *	5-10	$46,400	
Metal: Cage/Fence	10%			2046	* *	5-10	$13,300	
Roof								
IRMA/Protected Membrane	25%			2038	* *	10	$21,200	
Metal Panel	5%			2046	* *	10	$7,800	
Modified Bitumen	15%			2038	* *	10	$12,700	
Modified Bitumen	55%	Now	$152,800	2038	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Roof								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Roof								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$1,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2036	* *	5	$8,100	
Quarry Tile	5%			2038	* *	5	$12,100	
Terrazzo	5%			LIFE	* *	5	$12,600	
Vinyl Tile	65%	Now	$289,500	2038	* *	3	$39,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1973 Addition Throughout								
Vinyl Tile 9" X 9"	15%	Now	$213,400	2028	$4,268,800	3	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Landings 1952 Addition								
Wood	5%			2048	* *	5	$15,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	Now	$18,600	2036	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Concrete Masonry Unit	10%	Now	$127,400	LIFE	* *	5	$5,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Plaster	55%	Now	$90,700	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs To Basement								
SGFT/Glazed Masonry	30%	Now	$182,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Corridors Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Corridors Throughout								
Ceilings								
AcousTile,Adhered	15%	Now	$77,800	2038	* *	5	$12,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridors And Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5-10	$100,800	
Fiber Board	20%	Now	$25,200	2028	$503,000			
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Corridor								
Plaster	15%	Now	$36,800	LIFE	* *	5	$15,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Auditorium And 3rd Floor Classrooms								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%	Now	$69,200	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rear Parking Lot								
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$19,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Southwest Side Of Building								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : West Side Of Building								
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : Southwest Side Of Building								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$35,500	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Rear Of Building								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Asphalt	90%	Now	$24,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	10%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2033	$34,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Photovoltaic Panel(s)	25%			2042	* *	1		
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$300	
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	90%			2032	$215,500	5	$1,900	
Wiring								
Thermoplastic	100%			2033	$291,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$24,900	
Generators								
Natural Gas	100%			2029	$138,700	1	$31,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 135 Kilowatt								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	95%	Now	$229,400	2038	* *			
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Classrooms								
Explanation : Ballast Failures								
LED	5%	Now	$11,200	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Fixtures Failed								
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, Service	40%			2033	$14,000	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%	Now	$18,900	2033	$37,800			
Damaged Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Outdr Lights On During Daytime, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
No Component	90%							
Alarm								
Security System								
Generic	100%	Now	$91,200	2033	$152,100	1	$27,200	
Control Panel Damaged, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Fire/Smoke Detection								
Generic, Analog	100%	Now	$10,400	2028	$208,900	1-3	$45,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Panel In Lobby								
Explanation : Battery Failure								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	75%	Now	$2,800	2033	$141,300	5	$9,400	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room - Petrometer Fuel Gauges Are Not Working								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Building Exterior - Underground								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior - Underground								
Explanation : 2 Tanks, 7500 Gallons Each								
Natural Gas	25%			2033	$5,300	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	75%	Now	$26,500	2031	$529,500	1	$54,100	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Basement - Boiler Room - Defective/ Leaking, Two Feedwater Pumps And One Vacuum Pump								
Not Insulated, Extent : Severe, Area Affected : 50%								
Location : Basement - Boiler Room - Boiler No.1 (Partially Insulated)								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 2 Units, Oil Fired, 4465 Lbs/hr Each								
Steam Boiler	25%	Now	$3,500	2031	$176,500	1	$18,000	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room - Safety Valves Leaking								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, Gas Fired, 1811 Mbh Net								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Location Noted								
Steam Piping/Pump	90%	Now	$116,800	2033	$583,800			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement - 200 Linear Feet Approximately. Piping Leaks								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	10%	Now	$15,200	2028	$152,400	1	$4,500	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room - Gymnasium Blower - Leaky Heating Coil								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room - Gymnasium Blower								
Convector/Radiator	5%	Now	$33,100	2053	* *	1	$1,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Hallway By Auditorium Stage, Staircases F And G								
Convector/Radiator	85%			2031	$563,000	1	$22,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Controls								
Digital	15%			2026	$349,000			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Location Noted								
Pneumatic	20%	Now	$313,100	2038	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : Gymnasium, Cafeteria								
No Component	65%							
Air Conditioning								
Energy Source								
Electricity	40%			2032	$57,900	1		
Electricity	40%			2058	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Various Classrooms								
Solar Panels	20%			2063	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Conversion Equipment								
Split Unit	5%			2033	$96,200			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Telecom Room								
Explanation : Location Noted								
Window/Wall Unit	30%			2033	$92,100	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Various Classrooms								
Window/Wall Unit	30%	Now	$92,100	2033	$92,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	35%							
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2	$19,800	
No Component	85%							
Terminal Devices								
Air Handler/Dir Expansion	15%			2028	$151,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Auditorium Unit								
No Component	85%							

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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	15%			2028	$22,900	2	$8,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Auditorium Condensing Unit, 30 Tons Approximately								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,500	
Exhaust Fans								
Interior	70%			2028	$251,500	2	$1,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Roof	30%			2028	$47,200	2	$700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,040,300	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Electric	20%			2028	$9,500	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Unit, 30 Gallons								
Gas Fired	40%			2026	$13,700	2		
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room - 1 Of 1								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One 74 Gallon Unit								
No Component	40%							
HW Heat Exchanger								
Steam Fired	100%	Now	$78,300	2033	$391,700	4	$8,000	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement - Boiler Room								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Sanitary Piping								
Cast Iron	100%	Now	$102,000	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Various Classrooms At Sink And Fountain Combo Units								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2028	$16,200	4	$2,600	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Sewage Ejector(s)								
Electric	100%			2028	$42,400	4	$4,800	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Ejector Pump Room								
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2026	$32,400	2		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 150 Mbh Input Approximately								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$33,600	1-2	$700	
Chemical System								
Generic	100%			2026	$81,600	1-3	$80,900	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Kitchen (Electric Appliances Under Hood, Abandoned In Place)								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen (Electric Appliances Under Hood)								
Explanation : Abandoned In Place								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 270 - BK**		
Address	: **241 EMERSON PLACE BTWN: WILLOUGHBY AVE, DEAD END**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K270**
Program / Asset #	: **BOE0559.000 / 2744**	**Yr Built/Renovated**	: **1958 / 2002**
Area Sq Ft	: **72,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1923** **Lot** : **1**	**BIN**	: **3331567**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$139,300	$434,800
Interior Architecture	$2,604,600	$531,100
Electrical	$242,400	$585,800
Mechanical	$407,400	$1,712,300
Site Pavements		$59,400
Total	**$3,393,600**	**$3,323,500**
Importance Code A	$139,300	$1,062,300
Importance Code B	$3,254,400	$2,201,700
Importance Code C		$59,400
Total	**$3,393,600**	**$3,323,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,600	$49,000	$25,400	
Interior Architecture	$163,200	$19,400		$10,100
Electrical	$1,600	$39,300	$900	$800
Mechanical	$39,300	$9,900	$16,800	$11,400
Site Enclosure	$2,200			
Site Pavements	$35,500			
Total	**$267,500**	**$117,700**	**$43,100**	**$22,300**
Importance Code A	$38,100	$56,300	$32,500	$7,100
Importance Code B	$117,800	$61,400	$10,600	$15,200
Importance Code C	$111,500			
Total	**$267,500**	**$117,700**	**$43,100**	**$22,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$13,700	
Masonry: Brick Cavity	55%			LIFE	* *	5	$48,200	
Painted Surfaces, Extent : Light, Area Affected : 20% *Location : South And East Elevations*								
Metal/Glass Curt Wall	43%			LIFE	* *	5	$70,700	
Windows								
Aluminum	90%	Now	$139,300	2046	* *	5	$14,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 40% *Location : Window Guards*								
Glass Block	5%			LIFE	* *	5	$1,000	
Metal Louvers	5%			2039	* *	10	$10,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,300	
Masonry: Brick Cavity	80%	Now	$25,600	LIFE	* *	5	$12,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 2% *Location : East Elevation By Emerson Place*								
Metal Rail	7%			2035	* *	5-10	$20,100	
Metal: Cage/Fence	3%			2035	* *	5-10	$3,700	
Roof								
Built-Up (BUR)	45%			2030	$364,100	10	$31,200	
IRMA/Protected Membrane	50%			2035	* *	10	$34,700	
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10% *Location : Throughout* *Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%* *Location : Throughout*								
Roll Roofing	5%			2026	$22,500	5	$5,800	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,300	
Ceramic Tile	5%	4+	$20,800	2033	$416,000	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st And 3rd Floor Bathrooms								
Quarry Tile	5%			2043	* *	5	$11,100	
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	55%	Now	$44,800	2035	* *	3	$30,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria Floor								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria Floor								
Vinyl Tile 9" X 9"	10%			2025	$2,604,600	3	$5,500	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	10%			2045	* *	5	$27,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	15%	Now	$25,100	LIFE	* *	5	$5,300	
Expansion Joint Failure, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor Near Rooms B8 And B9								
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor Near Rooms B8 And B9								
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	45%	4+	$48,700	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$23,700	2035	* *	5	$18,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2035	* *	5	$7,400	
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	$115,100			
Plaster	45%			LIFE	* *	5	$41,500	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	35%	Now	$2,200	2050	* *			
Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Low Fence Located In Driveway								
Iron Picket	65%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	20%	Now	$3,000	2033	$59,400			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Driveway Area								
Cast in Place Concrete	80%	Now	$32,500	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Driveway Area								
Activity Yard								
Asphalt	100%			2033				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$195,100	5	$1,900	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	80%			2029	$143,700	5	$1,500	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$179,600	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2035	* *	10	$56,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	10%			2035	* *	10	$6,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2030	$60,400	10	$8,700	
Exit, Service	50%			2030	$15,500	1		
Exterior Lighting								
HID	20%			2030	$67,200	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$37,100	1-3	$8,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	0-2	$8,400	2050	* *	5	$11,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gallons. Oil Heater Pumpset Leaking.								
Conversion Equipment								
Steam Boiler	100%	2-4	$12,600	2028	$627,600	1	$64,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two Units. Leaking Tubes In Boiler No. 2								
Distribution								
Steam Piping/Pump	100%	0-2	$11,500	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Leaky Steam Valves								

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DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2025	$271,000	1	$8,900	
Convector/Radiator	80%			2035	* *	1	$18,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2025	$136,400	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,100	
Exhaust Fans								
Interior	40%			2030	$127,700	2	$900	
Roof	60%			2030	$83,800	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2056	* *	1		
Galvanized Steel	95%			2028	$873,200	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Service Valves In Basement								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$10,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$2,900	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 272 - BK**
Address : **101-24 SEAVIEW AVENUE BTWN: EAST 101 ST., EAST 102 S**
Borough : **BROOKLYN**
Agency's Number : **K272**
Program / Asset # : **BOE0561.000 / 1279**
Yr Built/Renovated : **1957 / 2015**
Area Sq Ft : **80,000**
Project Type : **EDUCATION**
Date of Survey : **29-Jul-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8329** **Lot** : **250** **BIN** : **3235262**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$120,800	
Interior Architecture	$7,009,500	$413,300
Electrical	$736,500	$580,400
Mechanical	$672,500	$3,244,000
Total	**$8,539,400**	**$4,237,800**
Importance Code A	$120,800	$697,300
Importance Code B	$8,098,900	$3,540,500
Importance Code C	$319,700	
Total	**$8,539,400**	**$4,237,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,700		$9,300	
Interior Architecture	$48,000	$3,200	$12,600	$7,900
Electrical	$8,400	$8,300	$24,900	$7,600
Mechanical	$14,900	$11,300	$52,400	$11,300
Site Enclosure	$6,600			
Site Pavements	$33,300			
Total	**$145,900**	**$22,800**	**$99,300**	**$26,900**
Importance Code A	$42,600	$7,900	$17,400	$7,900
Importance Code B	$43,600	$14,800	$81,900	$18,900
Importance Code C	$59,600			
Total	**$145,900**	**$22,800**	**$99,300**	**$26,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$12,700	
Masonry: Brick	88%			LIFE	* *	5	$47,800	
Masonry: Limestone	2%			LIFE	* *	5	$800	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$5,100	
Windows								
Aluminum	97%	2-4	$33,700	2047	* *	5	$17,700	
Deformed/Dented, Extent : Moderate, Area Affected : 2%								
Location : Various Windows								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Various Windows								
Glass Block	3%			LIFE	* *	5	$700	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$10,500	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Roof								
Copper/Terne	3%			2046	* *	10	$9,300	
Modified Bitumen	97%			2036	* *	10	$120,800	
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2044	* *	5	$2,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	5%			2040	* *	5	$6,300	
Sheet Vinyl/Rubber	5%			2031	$413,300	5	$9,500	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	50%			2036	* *	3	$31,600	
Vinyl Tile 9" X 9"	30%			2026	$6,689,800	3	$14,200	
Interior Walls								
Cast in Place Concrete	10%	Now	$319,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Pit In Basement								
Concrete Masonry Unit	5%	4+	$19,800	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Staff Room In Basement								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$34,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	4+	$20,300	2036	* *	5	$15,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2036	* *	5	$6,300	
Exposed Struc: Concrete	67%			LIFE	* *	5	$13,200	
Exposed Struc: Steel	3%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	60%	Now	$6,600	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Adjacent To Northwest Corner Of Building								
Iron Picket	40%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	60%	Now	$33,300	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Walkways At Rear Of School								
Cast in Place Concrete	30%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	50%			2040	* *			
Pavers/Stone	20%			2040	* *			
Rubber Matting	30%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnects								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2031	$144,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$200	
Fused Knife Sw	5%			2030	$9,000	5	$100	
Fused Toggle Switch	15%			2030	$26,900	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2039	* *	5	$200	
Molded Case Bkrs	60%			2030	$107,800	5	$1,300	
Wiring								
Braided Cloth	40%			2030	$79,800	1		
Thermoplastic	60%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$500	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$68,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%	Now	$500	2036	* *			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Damaged Fixtures, Extent : Light, Area Affected : 10%								
Location : Auditorium								
Incandescent	4%			2026	$88,700	2	$100	
LED	1%			2039	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2031	$53,700	10	$7,700	
Exit, Service	45%			2026	$15,500	1		
Exit, Battery	5%			2039	* *	10	$300	
Exterior Lighting								
HID	100%			2026	$373,300	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2031	$75,100	1	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$206,400	1-3	$49,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$186,000	5	$24,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 12,000 Gallons Tank								
Conversion Equipment								
Steam Boiler	100%			2029	$697,300	1	$79,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2031	$640,600			
Terminal Devices								
Air Handler	20%			2026	$301,100	1	$9,900	
Convector/Radiator	80%			2029	$523,300	1	$20,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2031	$175,400	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Rooftop Unit								
Window/Wall Unit	45%			2026	$136,400	1		
No Component	35%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$20,800	
No Component	80%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,600	
Exhaust Fans								
Interior	40%			2026	$141,900	2	$1,000	
Roof	60%			2026	$93,100	2	$1,500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,021,300	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,500	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 273 - BK**		
Address	: **923 JEROME ST. BTWN: WORTMAN AVE., COZINE AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K273**
Program / Asset #	: **BOE0562.000 / 2540**	**Yr Built/Renovated**	: **1952 / 2010**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4401** **Lot** : **1**	**BIN**	: **3097973**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$120,800
Interior Architecture	$2,260,400	$580,100
Electrical	$812,100	$995,100
Mechanical	$470,100	$1,021,800
Total	**$3,542,600**	**$2,717,800**
Importance Code A	$398,000	$120,800
Importance Code B	$2,894,700	$2,016,900
Importance Code C	$249,900	$580,100
Total	**$3,542,600**	**$2,717,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,200		$13,200	
Interior Architecture	$86,500	$2,800	$10,000	$1,400
Electrical	$17,800	$31,100	$4,800	$6,400
Mechanical	$37,900	$59,700	$18,000	$10,900
Site Enclosure	$6,600			
Site Pavements	$12,700			
Total	**$184,700**	**$93,600**	**$46,000**	**$18,800**
Importance Code A	$23,200	$7,700	$20,700	$7,500
Importance Code B	$154,900	$85,800	$25,300	$11,300
Importance Code C	$6,600			
Total	**$184,700**	**$93,600**	**$46,000**	**$18,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$120,800	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$4,800	
Windows								
Aluminum	95%			2046	* *	5	$26,300	
Glass Block	5%	Now	$7,500	LIFE	* *	5	$900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Classroom 100 And Stairway C								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,500	
Masonry: Brick	80%			LIFE	* *	5	$12,900	
Metal Rail	10%			2043	* *	5-10	$29,200	
Roof								
Metal Panel	5%			2043	* *	10	$6,900	
Modified Bitumen	95%	0-2	$15,700	2035	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$17,400	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Basement Throughout								
Ceramic Tile	5%	Now	$32,100	2039	* *	5	$2,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Kitchen And Toilets Throughout								
Terrazzo	3%			LIFE	* *	5	$2,700	
Vinyl Tile	70%			2035	* *	3	$29,900	
Vinyl Tile 9" X 9"	10%	Now	$40,200	2025	$2,010,600	3	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%	0-2	$6,800	2045	* *	5	$5,300	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Gymnasium								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$174,000	2033	$580,100	5	$5,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$34,800	
SGFT/Glazed Masonry	20%	Now	$75,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Ceilings								
AcousTileConcealSpLn	20%	4+	$7,300	2035	* *	5	$14,200	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%			2035	* *	5	$5,700	
Exposed Struc: Concrete	50%			LIFE	* *	5	$8,900	
Metal Panel	5%			LIFE	* *	5	$7,100	
Metal Panel	5%			LIFE	* *	5	$7,100	
Plaster	15%			LIFE	* *	5	$10,700	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2050	* *			
Iron Picket	90%	4+	$6,600	2065	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$12,700	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	75%			2043	* *			
Masonry: Granite	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	25%			2039	* *			
Rubber Matting	75%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2030	$34,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere And One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	25%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	10%			2038	* *	5	$200	
Molded Case Bkrs	80%			2029	$191,600	5	$1,800	
Wiring								
Braided Cloth	90%	2-4	$262,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	70%			2038	* *	10	$48,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2038	* *	10	$4,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	4%			2025	$84,300	2	$100	
LED	20%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Battery	50%			2025	$63,900	10	$9,200	
Exit, Service	50%			2025	$16,400	1		
Exterior Lighting								
HID	100%			2025	$401,300	10	$300	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2030	$221,800	1-3	$54,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$177,000	5	$23,600	
Conversion Equipment								
Steam Boiler	100%	4+	$398,000	2050	* *	1	$67,800	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$30,500	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Condensate Pumps In Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout The Building								
Terminal Devices								
Air Handler	35%			2030	$501,300	1	$16,500	
Convector/Radiator	65%			2035	* *	1	$16,000	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$90,400			
Window/Wall Unit	25%			2025	$72,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	75%			2030	$253,200	2	$1,700	
Roof	25%			2025	$36,900	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$11,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$17,200	4	$1,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 273 - Q**		
Address	: **88-07 102ND STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q273**
Program / Asset #	: **BOE1112.000 / 14568**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **33,789**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9288** **Lot** : **101**	**BIN**	: **4000000**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,100			$4,800
Interior Architecture		$1,300	$5,100	$24,700
Electrical	$2,300	$37,500	$3,300	$2,300
Mechanical	$11,300	$4,100	$6,300	$4,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$22,600**	**$50,800**	**$22,600**	**$43,600**
Importance Code A	$3,000	$1,900	$1,500	$6,600
Importance Code B	$19,600	$48,900	$21,100	$37,000
Importance Code C				
Total	**$22,600**	**$50,800**	**$22,600**	**$43,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - Q

Asset # : 14568

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$48,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$8,300	
Windows								
Aluminum	100%			2052	* *	5	$9,500	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$6,300	
Pre-Cast Concrete	10%	4+	$1,100	LIFE	* *	5	$4,400	
Other Observation, Extent : Moderate, Area Affected : 2% Location : Roof Parapet Explanation : Cap Flashing Dislodged And Missing								
Roof								
IRMA/Protected Membrane	100%			2038	* *	10	$33,100	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Carpet	5%			2031	$44,700	3	$3,800	
Cast in Place Concrete	5%			LIFE	* *	5	$5,500	
Ceramic Tile	5%			2043	* *	5	$2,500	
Quarry Tile	5%			2047	* *	5	$3,800	
Vinyl Tile	80%			2038	* *	3	$15,200	
Interior Walls								
Ceramic Tile	20%			2043	* *	5	$23,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,700	
Gypsum Board	70%			LIFE	* *	5	$48,900	
Ceilings								
AcousTileSusp.Lay-In	90%			2047	* *	5	$45,500	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$3,200	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%			2074	* *			
Retaining Walls								
Cast in Place Concrete	100%			2074	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	55%			2039	* *			
Rubber Matting	45%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 273 - Q

Asset # : 14568

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Seven Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Molded Case Bkrs	100%			2046	* *	5	$900	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$29,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2035	* *	10	$1,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$4,100	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10		
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - Q

Asset # : 14568

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$20,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2056	* *	1		
Natural Gas	90%			2050	* *	1		
Conversion Equipment								
Furnace	90%	0-2	$1,900	2035	* *	1	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Package Units. Defective Temperature Control Boards								
Radiant Heater	10%			2035	* *	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Staircases And Hallways								
Explanation : 16 Eletrical Radiants								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2035	* *	2	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Units Using 407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	20%	0-2	$5,900	LIFE	* *	2-5	$3,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Management System, Throughout								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$15,100	
Exhaust Fans								
Roof	100%			2035	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$900	2056	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 10%								
Location : Leaking, Basement Water Meter Room								
Brass/Copper	90%			2056	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - Q

Asset # : 14568

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	20%	0-2	$100	2028	$3,400	2		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Inside The Hot Water Tank, It Causes Leaking, Tank Replacement Needed								
Gas Fired	80%			2028	$13,700	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%	0-2	$400	2035	* *	4	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Defective Unit.								
Backflow Preventer								
Generic	100%			2035	* *	1	$2,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2056	* *	1-2	$9,500	
Fire Pump								
Generic	100%			2043	* *	1	$6,300	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 274 - BK**		
Address	: **800 BUSHWICK AVENUE @ KOSCIUSZKO ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K274**
Program / Asset #	: **BOE0563.000 / 1280**	**Yr Built/Renovated**	: **1961 / 2007**
Area Sq Ft	: **103,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3241** **Lot** : **37**	**BIN**	: **3073752**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$491,700	$67,400
Interior Architecture	$14,135,500	$904,100
Electrical	$102,600	$495,500
Mechanical	$789,800	$4,718,700
Site Pavements	$246,100	
Total	**$15,765,600**	**$6,185,700**
Importance Code A	$491,700	$965,200
Importance Code B	$15,218,600	$5,220,500
Importance Code C	$55,200	
Total	**$15,765,600**	**$6,185,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,000		$8,500	
Interior Architecture	$68,800	$3,900	$26,600	$9,600
Electrical	$3,800	$3,100	$15,800	$4,600
Mechanical	$39,600	$14,400	$39,700	$22,600
Site Enclosure	$19,500			
Site Pavements	$106,800			
Total	**$296,600**	**$21,300**	**$90,600**	**$36,900**
Importance Code A	$68,200	$10,200	$18,900	$10,200
Importance Code B	$164,300	$11,100	$70,500	$26,700
Importance Code C	$64,100		$1,100	
Total	**$296,600**	**$21,300**	**$90,600**	**$36,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	3%			2041	* *	10	$2,200	
Masonry: Brick	87%	0-2	$277,600	LIFE	* *	5	$67,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Front Facade								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : All Facades								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : 2nd And 3rd Floor Windows On Underside Of Sill								
Metal Panel	5%			2041	* *	5-10	$26,600	
Pre-Cast Concrete	5%	Now	$14,100	LIFE	* *	5	$12,600	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Window Sills On Bushwick Avenue Elevation - 2nd, 3rd Floors								
Windows								
Aluminum	98%	Now	$31,600	2039	* *	5	$16,600	
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Metal Louvers	2%			2034	* *	10	$4,200	
Parapets								
Masonry: Brick Cavity	55%	Now	$71,900	LIFE	* *	5	$7,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Metal Panel	5%			2051	* *	5	$2,500	
Metal Rail	40%			2044	* *	5-10	$94,000	
Roof								
Built-Up (BUR)	100%			2036	* *	10	$85,100	
Soffits								
Stucco Cement	100%	2-4	$8,100	2036	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,800	
Ceramic Tile	5%	Now	$8,700	2040	* *	5	$3,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$6,000	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Lobby Stair Replaced								
Vinyl Tile	20%			2031	$852,900	3	$11,600	
Vinyl Tile 9" X 9"	50%	Now	$272,500	2026	$13,623,200	3	$28,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Various Locations								
Wood	6%	Now	$27,600	2046	* *	5	$8,700	
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Gymnasium And Auditorium Stage								
Wood	4%			2046	* *	5	$11,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	4%	4+	$10,000	2034	* *	5	$4,500	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Ceramic Tile	1%			2046	* *	5	$2,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,100	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	50%	4+	$55,200	LIFE	* *	5	$34,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	7%	0-2	$17,400	2036	* *	5	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor								
AcousTileConcealSpLn	18%			2036	* *	5	$34,700	
AcousTileSusp.Lay-In	3%			2036	* *	5	$4,600	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,400	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	5%	Now	$60,200	2041	* *			
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Metal Panel	2%	0-2	$5,100	LIFE	* *	5	$3,900	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Plaster	53%	0-2	$124,400	LIFE	* *	5	$51,100	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead								
Site Enclosure								
Fence/Gates								
Aluminum Picket	40%	2-4	$10,000	2041	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Dumpster Storage								
Chain Link	60%			2041	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$9,500	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Dumpster Storage								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Dumpster Storage								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$44,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Walkway Between School And Mini School								
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	40%	Now	$121,000	2046	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Basketball Court								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Playground, Basketball Court And Around Track								
Sinking/Subsiding, Extent : Severe, Area Affected : 15%								
Location : Playground And Basketball Court								
Cast in Place Concrete	5%	4+	$2,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Adjacent Track								
Pavers/Stone	5%	Now	$38,000	2034	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Adjacent Track								
Rubber Matting	10%	Now	$35,700	2041	* *			
Tripping Hazard, Extent : Severe, Area Affected : 50%								
Location : Playground								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Playground								
Explanation : Sinkhole Below Playground								
Rubber Matting	25%	0-2	$89,400	2041	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Soccer Field								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Soccer Field								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Soccer Field								
Explanation : Astroturf								
Traffic Topping	15%	2-4	$22,200	2031	$44,500			
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Track								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2031	$195,000	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$12,000	5	$100	
Molded Case Bkrs	10%			2030	$24,000	5	$300	
Molded Case Bkrs	85%			2047	* *	5	$2,300	
Wiring								
Braided Cloth	30%	2-4	$102,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	70%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$300	
Locally Mounted	50%			2044	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2039	* *	10	$89,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$12,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$96,100	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$11,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2036	* *	1-3	$19,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Gymnasium, Basement, Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	$236,300	5	$31,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 7500 Gallons								
Conversion Equipment								
Steam Boiler	100%			2029	$897,800	1	$102,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2031	$824,800			
Terminal Devices								
Air Handler	20%			2026	$387,700	1	$12,700	
Convector/Radiator	70%			2029	$589,600	1	$23,300	
Convector/Radiator	10%	0-2	$8,400	2029	$84,200	1	$3,000	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Throughout, Defective Climate Control System								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2026	$195,100	1		
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Cafeteria And Auditorium Need Air Conditioning In Summer								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,400	
Exhaust Fans								
Interior	30%			2026	$137,000	2	$900	
Roof	70%	0-2	$70,000	2031	$139,900	2	$1,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$1,322,900	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$498,100	4	$10,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$20,600	4	$2,200	
Sewage Ejector(s)								
Electric	100%			2031	$53,900	4	$4,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$71,200	1-2	$1,400	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 274 - BK MINISCHOOL**
Address : **800 BUSHWICK AVENUE @ KOSCIUSZKO ST.**
Borough : **BROOKLYN**
Agency's Number : **K876**
Program / Asset # : **BOE0563.010 / 1281**
Yr Built/Renovated : **1972 / 2010**
Area Sq Ft : **10,620**
Project Type : **EDUCATION**
Date of Survey : **24-Jun-2020**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3241** **Lot** : **37** **BIN** : **3073752**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$60,600	$74,900
Mechanical	$170,800	
Total	**$231,500**	**$74,900**
Importance Code A	$60,600	$74,900
Importance Code B	$170,800	
Total	**$231,500**	**$74,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$28,100	$1,300
Interior Architecture	$9,800	$400		$1,800
Electrical	$300	$400	$11,500	$300
Mechanical	$18,200	$700	$35,000	$700
Total	**$28,200**	**$1,400**	**$74,600**	**$4,000**
Importance Code A	$6,700	$500	$62,300	$1,800
Importance Code B	$18,900	$900	$12,300	$2,200
Importance Code C	$2,600			
Total	**$28,200**	**$1,400**	**$74,600**	**$4,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 274 - BK MINISCHOOL
Asset # : 1281

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$8,300	
Metal Panel	90%			2051	* *	5-10	$103,000	
Windows								
Aluminum	100%			2047	* *	5	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles								
Roof								
Metal Panel	100%			2044	* *	10	$60,600	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$1,100	
Ceramic Tile	5%			2040	* *	5	$800	
Mosaic Tile	2%			2044	* *	5	$800	
Vinyl Tile	90%			2036	* *	3	$7,300	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$1,400	
Gypsum Board	65%	Now	$2,600	LIFE	* *	5	$5,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Entry Foyer								
Metal Panel	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	95%	4+	$4,900	2036	* *	5	$7,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Corridor And Classrooms								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : No Available Nameplate Rating Capacity								
Raceway								
Conduit	100%			2031	$25,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 274 - BK MINISCHOOL
Asset # : 1281

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	25%			2030	$10,000	5	$100	
Molded Case Bkrs	75%			2030	$29,900	5	$200	
Wiring								
Thermoplastic	100%			2031	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,300	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2036	* *	1-3	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 274 - BK MINISCHOOL
Asset # : 1281

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%	0-2	$6,700	2026	$33,600	1	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Ceiling Duct Mounted, Equipment Room								
Explanation : 2 Defective Units								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	10%	0-2	$8,500	2025	$17,100	2	$100	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : 2 Defective Units, Equipment Room								
Interior Pkg Unit - Cooling	90%			2025	$153,800	2	$600	
Ventilation								
Distribution								
Ductwork/Diffusers	30%	0-2	$2,800	LIFE	* *	2-5	$1,800	
Unbalanced System, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$4,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	10%	Now		2031	$2,400	4		
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Janitor Closet								
Electric	90%			2031	$21,300	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 276 - BK**		
Address	: **1070 EAST 83 STREET @AVENUE K**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K276**
Program / Asset #	: **BOE0565.000 / 1284**	**Yr Built/Renovated**	: **1964 / 2008**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8034** **Lot** : **1**	**BIN**	: **3225637**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$99,100	$71,300
Interior Architecture	$499,800	
Electrical	$68,500	$425,300
Mechanical		$1,490,300
Total	**$667,300**	**$1,987,000**
Importance Code A	$99,100	$71,300
Importance Code B	$420,800	$1,915,600
Importance Code C	$147,500	
Total	**$667,300**	**$1,987,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,400	$12,100		$7,700
Interior Architecture	$88,700	$31,300		$8,000
Electrical	$30,500	$12,200	$11,400	$14,800
Mechanical	$26,300	$14,900	$18,600	$14,900
Site Enclosure	$1,700			
Site Pavements	$5,500			
Total	**$185,000**	**$70,600**	**$30,000**	**$45,400**
Importance Code A	$40,000	$19,700	$7,600	$15,400
Importance Code B	$112,200	$50,800	$22,400	$29,900
Importance Code C	$32,800			
Total	**$185,000**	**$70,600**	**$30,000**	**$45,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$17,600	
Masonry: Brick	95%			LIFE	* *	5	$71,300	
Windows								
Aluminum	98%	Now	$99,100	2048	* *	5	$5,200	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : 1st And 2nd Floor								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : 1st And 2nd Floor								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : 1st And 2nd Floor								
Metal Louvers	2%	Now	$600	2035	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room								
Parapets								
Cast in Place Concrete	60%			LIFE	* *	5	$45,600	
Masonry: Brick	25%			LIFE	* *	5	$1,800	
Metal Rail	15%			2045	* *	5-10	$19,900	
Roof								
Copper/Terne	5%			2047	* *	10	$7,700	
Modified Bitumen	95%	2-4	$31,800	2037	* *			
Blisters, Extent : Light, Area Affected : 2%								
Location : Main Roof								
Ponding, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%	Now	$47,200	LIFE	* *	5	$24,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Slab Within Boiler Room								
Ceramic Tile	4%			2035	* *	5	$4,400	
Mosaic Tile	1%			2037	* *	5	$2,800	
Sheet Vinyl/Rubber	2%			2037	* *	5	$3,300	
Terrazzo	5%	Now	$10,400	LIFE	* *	5	$4,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Lobby								
Vinyl Tile	40%			2037	* *	3	$16,600	
Vinyl Tile 9" X 9"	36%	Now	$352,300	2042	* *	3	$15,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 1st, 2nd And 3rd Floor Classrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 1st, 2nd And 3rd Floor Classrooms								
Wood	2%			2060	* *	5	$4,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$147,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Area Ways Along 82nd And 83rd Streets, Rooms B3 And B16								
Ceramic Tile	5%	Now	$26,700	2035	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Base Of Walls In Kitchen And Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,900	
Glazed Ceramic Panel	3%	Now	$4,500	LIFE	* *			
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Gymnasium Entry								
Plaster	55%			LIFE	* *	5	$16,000	
SGFT/Glazed Masonry	22%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	23%			2045	* *	5	$31,900	
AcousTileSusp.Lay-In	10%			2045	* *	5	$11,100	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,700	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$38,100	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2052	* *			
Iron Picket	30%	Now	$1,700	2052	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 83rd Street								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 83rd Street								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$5,500	2045	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : 83rd Street								
On-Site Walkways								
Cast in Place Concrete	90%			2049	* *			
Pavers/Stone	10%			2041	* *			
Activity Yard								
Asphalt	60%			2045	* *			
Traffic Topping	40%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	85%			2032	$122,900	1		
Conduit	15%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	85%			2031	$152,700	5	$1,700	
Molded Case Bkrs	10%			2048	* *	5	$200	
Wiring								
Braided Cloth	10%	2-4	$20,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	75%			2032	$149,700	1		
Thermoplastic	15%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$23,700	
Generators								
Natural Gas	100%			2045	* *	1	$29,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 125 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,900	
Lighting								
Interior Lighting								
Fluorescent	97%			2037	* *	10	$68,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2037	* *			
Egress Lighting								
Emergency, Service	25%			2037	* *	1		
Emergency, Battery	25%			2032	$32,300	10	$4,600	
Exit, Service	50%			2037	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%			2037	* *	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$43,400	1	$8,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$47,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2058	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$76,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 New Units.								
Distribution								
Steam Piping/Pump	15%			2058	* *			
Steam Piping/Pump	85%			2032	$524,100			
Terminal Devices								
Air Handler	25%			2040	* *	1	$11,900	
Convector/Radiator	75%			2030	$472,200	1	$18,700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2037	* *	1	$7,100	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Courtyard								
Window/Wall Unit	50%	0-2	$2,900	2031	$145,900	1		
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	30%							

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DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2052	* *	4	$1,100	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2040	* *	1	$9,500	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2037	* *	2	$10,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	70%			2037	* *	2	$1,700	
Roof	30%	0-2	$2,200	2032	$44,800	2	$600	
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%	0-2	$5,900	2030	$294,900	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve Room								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$2,400	
Sewage Ejector(s)								
Electric	100%			2040	* *	4	$4,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$53,200	1-2	$1,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 277 - BK**				
Address	: **2529 GERRITSEN AVE. BTWN: AVE. X, BIJOU AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K277**	
Program / Asset #	: **BOE0566.000 / 2539**		**Yr Built/Renovated**	: **1953 / 2005**	
Area Sq Ft	: **52,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **10-Jul-2019**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2**				
Block	: **8590**	**Lot** : **650**	**BIN**	: **3242369**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$311,400	
Interior Architecture	$178,300	$1,522,100
Electrical	$179,600	$307,100
Mechanical	$575,200	$1,039,800
Site Pavements	$61,700	$324,900
Total	**$1,306,300**	**$3,193,800**
Importance Code A	$311,400	
Importance Code B	$994,800	$2,868,900
Importance Code C		$324,900
Total	**$1,306,300**	**$3,193,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$40,100	$2,200	
Interior Architecture	$47,600	$11,200	$5,600	$900
Electrical	$79,600	$119,300	$1,500	$1,800
Mechanical	$15,300	$38,600	$6,300	$2,400
Site Enclosure	$2,100			
Site Pavements	$28,700			
Total	**$173,400**	**$209,200**	**$15,500**	**$5,100**
Importance Code A		$40,100	$2,200	
Importance Code B	$108,400	$169,000	$13,300	$5,100
Importance Code C	$65,000			
Total	**$173,400**	**$209,200**	**$15,500**	**$5,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	11%	Now	$150,200	LIFE	* *	5	$4,600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Roof Stair Walls								
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Roof Stairwell								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 204								
Masonry: Brick	84%			LIFE	* *	5	$34,800	
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Windows								
Aluminum	100%			2046	* *	5	$4,500	
Parapets								
Masonry: Brick	95%	2-4	$100,000	LIFE	* *	5	$7,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	11%	Now	$61,300	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 114, Auditorium And Kitchen								
Built-Up (BUR)	84%			2035	* *	10	$40,100	
Copper/Terne	5%			2058	* *	10	$6,000	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	17%			LIFE	* *	5	$27,700	
Ceramic Tile	5%			2033	$209,600	5	$3,700	
Terrazzo	5%			LIFE	* *	5	$2,900	
Traffic Topping	3%	Now	$10,600	2040	* *	5	$1,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Room 121								
Vinyl Tile	60%			2035	* *	3	$16,700	
Vinyl Tile 9" X 9"	10%			2030	$1,312,500	3	$3,700	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$1,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$2,100	
Folding Partition	2%			2038	* *	5	$2,600	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	55%	Now	$35,200	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Expansion Joint Between 1953 And 1968 Construction								
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Stairwell Roof Level								
SGFT/Glazed Masonry	28%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2035	* *	5	$22,300	
Exposed Struc: Concrete	8%	4+	$178,300	LIFE	* *	5	$900	
Diagonal Cracks, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Exposed Struc: Concrete	57%			LIFE	* *	5	$6,600	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%	2-4	$200	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Gerritsen Avenue								
Chain Link	50%			2040	* *			
Iron Picket	45%			2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$1,900	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East ADA Ramps								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$61,700	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Asphalt	40%			2033	$181,900			
Cast in Place Concrete	6%	0-2	$25,800	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East Of School								
Cast in Place Concrete	49%			2035	* *			
Pavers/Stone	5%	0-2	$2,900	2033	$143,000			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Main Entry								
Activity Yard								
Rubber Matting	100%			2030				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2030	$7,600	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Not Accessible	70%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Area Not Accessible Due To Asbestos Removal Work; However, We Were Informed The Equipment Is Obsolete.								
Switchgear / Switchboard								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Area Not Accessible Due To Asbestos Removal Work; However, We Were Informed The Equipment Is Obsolete And In Bad Condition.								
Raceway								
Conduit	100%			2030	$144,600	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5	$100	
Fused Knife Sw	10%	0-2	$14,000	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Fused Toggle Switch	10%	0-2	$14,000	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Molded Case Bkrs	65%			2029	$90,800	5	$900	
Molded Case Bkrs	10%			2038	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$179,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$45,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Incandescent	3%			2025	$43,200	2		
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Exit Lighting Fixtures Were Replaced In 2016.								
Exit, Service	50%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fixtures Were Replaced In 2018.								
Exterior Lighting								
LED	100%			2038	* *			
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$29,300	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$40,200	2040	* *	1-3	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Alarm System; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	25%			2025	$244,600	1	$8,000	
Convector/Radiator	75%			2028	$318,900	1	$12,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2030	$57,000	2	$300	
Window/Wall Unit	80%			2025	$157,600	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,000	
Exhaust Fans								
Interior	75%			2025	$173,000	2	$1,200	
Roof	25%			2025	$25,200	2	$400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$663,800	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Gas Fired Replacement For Steam Fired Heat Exchanger.								
Sanitary Piping								
Cast Iron	100%	Now	$13,100	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : 2 Of 8 Toilet Rooms								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$10,400	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 277 - BX**				
Address	: **519 ST ANNS AVENUE @E. 148 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X027**
Program / Asset #	: **BOE0174.000 / 478**			**Yr Built/Renovated**	: **1897 / 2013**
Area Sq Ft	: **72,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2021**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **2274**	**Lot**	: **23**	**BIN**	: **2000114**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$61,300	$281,400
Interior Architecture	$833,900	$196,900
Electrical	$250,400	$367,500
Mechanical	$218,200	$135,500
Site Pavements		$291,900
Total	**$1,363,700**	**$1,273,100**
Importance Code A	$61,300	$281,400
Importance Code B	$939,800	$857,200
Importance Code C	$362,700	$134,500
Total	**$1,363,700**	**$1,273,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$24,400			$41,600
Interior Architecture	$94,000	$28,100		$8,600
Electrical	$1,700	$3,000	$2,000	$15,700
Mechanical	$59,800	$10,800	$14,500	$35,800
Site Pavements	$35,700			
Total	**$215,700**	**$42,000**	**$16,500**	**$101,600**
Importance Code A	$31,500	$7,100	$7,100	$48,800
Importance Code B	$138,500	$34,800	$9,400	$52,700
Importance Code C	$45,600			
Total	**$215,700**	**$42,000**	**$16,500**	**$101,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$164,100	
Masonry: Brick	40%			LIFE	* *	5	$56,000	
Repairs in Progress, Extent : N/A, Area Affected : 75%								
Location : Pointing Work At All Facades								
Masonry: Granite	3%			LIFE	* *	5	$3,200	
Masonry: Limestone	2%			LIFE	* *	5	$2,100	
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : Pointing Work At Lower Facade Elevations								
Metal Panel	3%			2052	* *	5-10	$28,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$9,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Cupola								
Explanation : Precast Concrete Panels								
Stucco Cement	35%			2045	* *	5	$122,500	
Windows								
Aluminum	70%	0-2	$24,400	2048	* *	5	$12,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Aluminum	30%			2048	* *	5	$11,000	
Parapets								
Cast Stone/Terra Cotta	50%			LIFE	* *	5	$47,500	
Masonry: Brick	50%			LIFE	* *	5	$6,100	
Roof								
Copper/Terne	30%			2060	* *	10	$36,100	
Modified Bitumen	70%			2037	* *	10	$33,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$21,200	LIFE	* *	5	$27,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Basement								
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Basement Floor								
Ceramic Tile	5%	Now	$17,600	2035	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Toilets								
Quarry Tile	3%	Now	$5,500	2037	* *	5	$2,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$2,000	
Vinyl Tile	50%	Now	$172,500	2037	* *	3	$23,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$55,100	2042	* *	3	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : 5th Floor Corridor, Classroom 506								
Wood	1%	2-4	$1,500	2047	* *	5	$1,200	
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Classroom 302								
Wood	24%			2060	* *	5	$56,200	

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast Stone/Terra Cotta	5%	Now	$85,800	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Basement								
Ceramic Tile	3%	Now	$44,000	2035	* *	5	$8,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Toilets								
Masonry: Brick	5%	Now	$101,600	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Basement								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 60%								
Location : Basement								
Metal Panel	3%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Main Stair								
Explanation : Metal Wainscott In Entry Lobby And Main Stair								
Plaster	27%	Now	$175,300	LIFE	* *	5	$43,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 5th Floor Classrooms								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : 5th Floor Classrooms, Lobby								
Plaster	55%			LIFE	* *	5	$88,000	
Plaster	2%			LIFE	* *	5	$3,200	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$4,200	2037	* *	5	$6,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 12%								
Location : Throughout, Lunch Room								
Masonry: Infill Arch	10%	Now	$91,700	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement								
Explanation : Exposed Terra-cotta Block								
Plaster	80%	Now	$151,900	LIFE	* *	5	$62,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 513								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2052	* *			
Iron Picket	90%			2067	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	90%			2052	* *			
No Component	10%							
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$1,600	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various								
Activity Yard								
Asphalt	70%			2035	* *			
Cast in Place Concrete	10%	Now	$19,500	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Rubber Matting	20%	Now	$14,600	2032	$291,900			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Play Yard Area								
Open Seams, Extent : Severe, Area Affected : 20%								
Location : Play Yard Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2042	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room, Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$300	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2042	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$12,600	5	$100	
Fused Disc Sw	3%			2040	* *	5	$100	
Molded Case Bkrs	70%			2040	* *	5	$1,300	
Molded Case Bkrs	20%			2031	$35,900	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$119,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2032	$59,900	1		
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$400	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$63,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$60,400	10	$8,700	
Exit, Service	50%			2032	$15,500	1		
Exterior Lighting								
HID	20%			2027	$67,200	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$13,500	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Offices, Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	10%			2037	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Manual Pullbox, Smoke Detector And Fire-alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two No.2 Oil Tanks, 7500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$71,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$40,500	2042	* *	4	$3,500	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Defective Air Flow Controller								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pumps And Feed Water Tank. Boiler Room								
Terminal Devices								
Air Handler	10%	Now	$6,800	2032	$135,500	1	$4,000	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motor. 1st Floor								
Convector/Radiator	90%			2037	* *	1	$20,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2027	$218,200	1		
No Component	20%							
Ventilation								
Exhaust Fans								
Interior	10%			2032	$31,900	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Electric	100%			2027	$23,600	4		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$7,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$14,400	4	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,000	
Chemical System								
No Component	80%							
Generic	20%			2030	$16,300	1-3	$16,200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 279 - BK**		
Address	: **1070 EAST 104 STREET BTWN: AVE. J, AVE. K**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K279**
Program / Asset #	: **BOE0568.000 / 1286**	**Yr Built/Renovated**	: **1959 / 2010**
Area Sq Ft	: **104,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **8230** **Lot** : **1**	**BIN**	: **3326733**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$402,200	$68,300
Interior Architecture	$60,200	$3,255,200
Electrical		$815,900
Mechanical	$346,400	$2,811,100
Total	**$808,900**	**$6,950,500**
Importance Code A	$402,200	$68,300
Importance Code B	$406,700	$6,882,200
Total	**$808,900**	**$6,950,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,400		$13,100	$33,000
Interior Architecture	$52,200	$3,900	$15,600	$13,600
Electrical	$11,800	$11,400	$34,900	$12,200
Mechanical	$18,600	$16,300	$45,800	$20,200
Site Pavements	$79,400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$177,300**	**$39,500**	**$117,400**	**$86,900**
Importance Code A	$16,100	$8,800	$22,100	$41,700
Importance Code B	$107,000	$30,800	$95,300	$45,100
Importance Code C	$54,200			
Total	**$177,300**	**$39,500**	**$117,400**	**$86,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$18,600	
Masonry: Brick	20%			LIFE	* *	5	$15,900	
Masonry: Brick Cavity	38%			LIFE	* *	5	$30,200	
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Metal/Glass Curt Wall	32%			LIFE	* *	5	$47,700	
Windows								
Aluminum	95%			2047	* *	5	$66,000	
Metal Louvers	5%			2040	* *	10	$21,700	
Parapets								
Masonry: Brick Cavity	85%	Now	$57,500	LIFE	* *	5	$11,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 1%								
Location : East 104th Street								
Metal Rail	5%			2044	* *	5-10	$12,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,500	
Roof								
Built-Up (BUR)	65%			2039	* *	10	$68,300	
Copper/Terne	5%			2066	* *	10	$13,100	
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 1%								
Location : Stair Gutter								
Modified Bitumen	30%	2-4	$344,700	2041	* *			
Blisters, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,600	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$13,200	LIFE	* *	5	$17,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2040	* *	5	$7,800	
Quarry Tile	5%	2-4	$11,500	2044	* *	5	$5,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$6,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Main Entry								
Vinyl Tile	70%	0-2	$60,200	2031	$3,012,300	3	$40,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%			2059	* *	5	$29,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$12,900	2040	* *	5	$5,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Stairwell E Between Second And Third Floors								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,400	
Gypsum Board	15%			LIFE	* *	5	$21,100	
Plaster	35%			LIFE	* *	5	$24,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Elevator First Floor								
Ceilings								
AcousTile,Adhered	20%			2036	* *	5	$31,200	
AcousTileSusp.Lay-In	25%			2048	* *	5	$38,900	
Exposed Struc: Concrete	29%			LIFE	* *	5	$7,100	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	10%			2031	$243,000			
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Metal Panel	3%			LIFE	* *	5	$5,800	
Plaster	10%			LIFE	* *	5	$9,700	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%			2051	* *			
Chain Link	70%			2051	* *			
Iron Picket	20%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%	2-4	$38,100	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	10%			2040	* *			
On-Site Walkways								
Asphalt	40%	2-4	$4,100	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	40%			2044	* *			
Masonry: Granite	10%	0-2	$37,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 104th Street And Avenue K								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	10%			2040	* *			
Activity Yard								
Asphalt	75%			2040	* *			
Rubber Matting	25%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 279 - BK
Asset # : 1286

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	50%			2051	* *	1		
Conduit	50%			2031	$121,900	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	45%			2047	* *	5	$1,200	
Molded Case Bkrs	50%			2030	$119,700	5	$1,400	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	25%			2029	$45,400	5	$200	
Locally Mounted	50%			2044	* *	5	$400	
Variable Frequency Drive	25%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$32,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Generator And Associated Equipment Installed In 2017.								
Generators								
Natural Gas	100%			2044	* *	1	$40,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 230 Horse Power Gas Generator Installed In 2017.								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,900	
Lighting								
Interior Lighting								
Fluorescent	2%			2036	* *	10	$1,900	
LED	98%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : LED Lights Installed In 2017.								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	25%			2031	$43,600	10	$6,300	
Emergency, Battery	25%			2036	* *	10	$6,300	
Exit, Service	25%			2036	* *	1		
Exit, Service	25%			2026	$11,200	1		
Exterior Lighting								
HID	100%			2031	$485,300	10	$300	
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2059	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Tower Area								
Explanation : Lightining Protection Installed In The Roof Tower Area Only.								
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2036	* *	1-3	$26,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	30%			2036	* *	1	$15,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : 9 Roof Mounted Units On New Addition								
Steam Boiler	70%			2044	* *	1	$72,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	50%			2041	* *			
Steam Piping/Pump	50%			2031	$416,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Old Wing								
Terminal Devices								
Air Handler	20%			2036	* *	1	$12,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement Of Old Wing								
Convector/Radiator	30%			2029	$255,100	1	$10,100	
Convector/Radiator	20%			2036	* *	1	$6,700	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2031	$524,200	2	$1,900	
Window/Wall Unit	70%			2026	$275,800	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,000	
Exhaust Fans								
Interior	20%			2031	$92,300	2	$600	
Roof	45%	Now	$1,800	2031	$90,800	2	$1,100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof, 1 Burnt-out Fan Motors								
Roof	35%			2026	$70,600	2	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Roof Of Old Wing								
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2041	* *	1		
Galvanized Steel	70%			2029	$929,400	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Old Wing								
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2031	$502,900	4	$10,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Old Wing								
Storm Drain Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Old Wing								
Sump Pump(s)								
Non-Submersible	70%			2036	* *	4	$2,300	
Submersible	30%			2025	$1,000	4	$1,000	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$6,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Through 3rd Floor Of New Wing of the Building								
Explanation : 2 Units								
No Component	50%							
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2041	* *	1-5	$15,700	
Sprinkler								
No Component	60%							
Generic	40%			2041	* *	1-2	$11,700	
Fire Pump								
No Component	70%							
Generic	30%			2034	* *	1	$5,800	
Chemical System								
No Component	98%							
Generic	2%			2026	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 279 - BX**		
Address	: **2100 WALTON AVE. @ E.181 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X279**
Program / Asset #	: **BOE0984.000 / 4149**	**Yr Built/Renovated**	: **1992 /**
Area Sq Ft	: **93,416**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3178** **Lot** : **14**	**BIN**	: **2103867**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,222,800	$628,100
Interior Architecture	$61,800	$52,400
Electrical	$130,800	$1,681,800
Mechanical		$4,855,900
Site Pavements	$94,200	
Total	**$1,509,600**	**$7,218,200**
Importance Code A	$1,222,800	$628,100
Importance Code B	$286,800	$6,590,200
Total	**$1,509,600**	**$7,218,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$49,500	$10,900		
Interior Architecture	$70,600		$127,100	$14,000
Electrical	$9,600	$22,800	$9,100	$9,600
Mechanical	$68,500	$49,700	$44,100	$20,400
Site Pavements	$42,700			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$245,800**	**$88,300**	**$185,300**	**$48,900**
Importance Code A	$74,500	$20,300	$9,300	$9,300
Importance Code B	$116,100	$68,000	$176,100	$39,700
Importance Code C	$55,200			
Total	**$245,800**	**$88,300**	**$185,300**	**$48,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%			LIFE	* *	5	$87,000	
Metal Panel	5%			2050	* *	5-10	$39,900	
Pre-Cast Concrete	15%	Now	$63,100	LIFE	* *	5	$56,500	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Ledge Detail Below Clerstory Windows At Gymnasium And Stair Bulkheads								
Window Wall	5%	Now	$35,200	2050	* *	5	$10,900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : West Bulkhead								
Windows								
Aluminum	95%	Now	$1,159,700	2055	* *	5	$12,200	
Air Infiltration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Metal Louvers	5%			2033	$71,000	10	$8,000	
Parapets								
Concrete Masonry Unit	35%			LIFE	* *	5	$6,000	
Masonry: Brick Cavity	45%			LIFE	* *	5	$6,900	
Metal Security Bars	5%			2058	* *			
Metal: Cage/Fence	5%			2043	* *	5-10	$5,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,600	
Roof								
IRMA/Protected Membrane	40%			2030	$413,500	10	$17,500	
Modified Bitumen	60%	4+	$14,300	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 502 And 402								
Other Observation, Extent : Light, Area Affected : 40%								
Location : Roofs								
Explanation : Liquid Coating Applied To Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2026	$123,600	3	$10,500	
Cast in Place Concrete	5%	2-4	$11,900	LIFE	* *	5	$15,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : In Basement Near Sump Pump								
Ceramic Tile	5%			2039	* *	5	$7,000	
Vinyl Tile	80%	Now	$61,800	2035	* *	3	$41,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Corridors								
Uneven Substrate, Extent : Severe, Area Affected : 25%								
Location : Corridors								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Floor Drain In Cafeteria								
Wood	5%			2058	* *	5	$13,100	
Interior Walls								
Cast in Place Concrete	5%	Now	$26,000	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Elevator Machine Room And Boiler Pit								
Ceramic Tile	5%			2039	* *	5	$6,800	
Concrete Masonry Unit	10%	Now	$25,700	LIFE	* *	5	$5,500	
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Stair To Mechanical Bulkhead								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Interior Bulkheads In All 3 Stairwells								
Gypsum Board	55%			LIFE	* *	5	$45,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	65%			2043	* *	5	$90,900	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$52,400	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	20%	Now	$42,700	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout Play Yard								
Cast in Place Concrete	70%	Now	$94,200	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Play Area								
Rubber Matting	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	15%			2038	* *	5	$300	
Molded Case Bkrs	85%			2038	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$28,700	
Generators								
Diesel	100%			2033	$138,700	1	$36,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 260 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$20,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	10%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 30 Gallons Rated Capacity								
Main Tank	90%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	94%			2030	$1,309,000	10	$80,500	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2030	$27,900	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
HID	2%			2030	$22,100	10	$100	
Incandescent	2%			2030	$51,800	2		
Egress Lighting								
Emergency, Service	50%			2030	$28,800	1		
Exit, Service	50%			2030	$20,100	1		
Exterior Lighting								
HID	30%			2025	$130,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2030	$72,300	1-3	$17,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets And Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	15%	0-2	$600	2040	* *	1		
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Petrometer								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Oil Tanks								
Interruptible Gas/Dual Fuel	85%			2040	* *	1		
Conversion Equipment								
Steam Boiler	50%	0-2	$20,400	2035	* *	1	$41,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Water Refeed Tank And Chemical Tank Boiler Room, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Steam Boiler	50%			2035	* *	1	$46,300	
Distribution								
Steam Piping/Pump	10%	0-2	$15,000	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room								
Explanation : 1 Condemn Vacuum Pump Has Not Yet Been Replaced To Complete The Construction Project 2 Years Ago.								
Steam Piping/Pump	90%			2040	* *			
Terminal Devices								
Air Handler	45%			2030	$791,100	1	$26,000	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Locations								
Explanation : No. 4, 5 And 6 Units Are Under Repairing								
Convector/Radiator	45%			2035	* *	1	$13,600	
Fan Coil Unit/Heat	10%			2030	$231,600	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2030	$1,378,200	1	$43,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 8 Units, Penthouses								
Terminal Devices								
Air Handler/Dir Expansion	100%			2030	$1,791,000	1		
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$270,500	2	$65,100	
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,100	
Exhaust Fans								
Interior	95%			2030	$393,600	2	$2,700	
Roof	5%			2038	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	5%	Now	$3,000	2040	* *	1		
Pump(s) Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : And Leaking Badly, The Hot Water Circulation Pump In Boiler Room.								
Brass/Copper	95%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$18,700	4	$2,000	
Backflow Preventer								
Generic	100%			2035	* *	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$47,100	
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$2,600	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 28 - BX**				
Address	: **1861 ANTHONY AVENUE @ E. TREMONT AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X028**
Program / Asset #	: **BOE0175.000 / 479**			**Yr Built/Renovated**	: **1897 / 2011**
Area Sq Ft	: **78,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **2804**	**Lot**	: **31**	**BIN**	: **2007603**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$280,900	$205,200
Interior Architecture	$1,294,900	$174,500
Electrical	$242,600	$619,300
Mechanical	$136,000	$341,100
Total	**$1,954,400**	**$1,340,100**
Importance Code A	$416,900	$205,200
Importance Code B	$656,800	$1,022,800
Importance Code C	$880,700	$112,100
Total	**$1,954,400**	**$1,340,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,500		$5,300	
Interior Architecture	$57,600		$9,400	$11,200
Electrical	$2,900	$3,000	$104,500	$2,800
Mechanical	$41,600	$10,500	$56,500	$10,500
Site Pavements	$34,500			
Total	**$147,000**	**$13,500**	**$175,600**	**$24,500**
Importance Code A	$10,500	$7,700	$13,100	$7,700
Importance Code B	$136,500	$5,800	$162,500	$16,800
Importance Code C				
Total	**$147,000**	**$13,500**	**$175,600**	**$24,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$87,500	
Masonry: Brick	84%	Now	$193,700	LIFE	* *	5	$117,600	
Vertical Cracks, Extent : Severe, Area Affected : 2%								
Location : East Side								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 5th Floor West Side								
Masonry: Fieldstone	3%			LIFE	* *	5	$3,200	
Masonry: Limestone	2%			LIFE	* *	5	$2,100	
Stucco Cement	3%			2036	* *	5	$10,500	
Windows								
Aluminum	100%	Now	$87,200	2047	* *	5	$18,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,800	
Masonry: Brick	95%			LIFE	* *	5	$11,700	
Roof								
Modified Bitumen	100%	2-4	$10,500	2036	* *			
Blisters, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,700	
Ceramic Tile	5%	Now	$140,800	2046	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 80%								
Location : 2nd, 4th, 5th Boys And Girls Toilets								
Quarry Tile	5%	Now	$91,900	2044	* *	5	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Kitchen								
Slate	5%			LIFE	* *	5	$6,600	
Vinyl Tile	70%	Now	$120,800	2036	* *	3	$32,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Room 515								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : 1st Floor Corridors								
Vinyl Tile 9" X 9"	2%	Now	$22,000	2041	* *	3	$900	
Worn/Eroded, Extent : Severe, Area Affected : 2%								
Location : Rooms 502, 101								
Wood	8%			2046	* *	5	$18,700	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$880,700	2046	* *	5	$13,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Toilets								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Toilets								
Gypsum Board	5%			LIFE	* *	5	$16,000	
Masonry: Brick	15%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$112,100	
Ceilings								
AcousTile,Adhered	2%	Now	$24,100	2051	* *	5	$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Lunch Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Lunch Room								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Lunch Room								
AcousTileSusp.Lay-In	5%			2044	* *	5	$6,200	
AcousTileSusp.Lay-In	8%	Now	$8,300	2036	* *	5	$5,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 4th Floor								
Staining/Discoloring, Extent : Severe, Area Affected : 5%								
Location : 4th Floor								
Metal Panel	5%			LIFE	* *	5	$7,800	
Plaster	80%	Now	$60,800	LIFE	* *	5	$62,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stairwell On 5th Floor And Main Entrance								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	* *			
Retaining Walls								
Masonry: Brick	10%			2051	* *			
Masonry: Fieldstone	90%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$34,500	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Anthony Avenue And Mount Hope Place								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	95%			2040	* *			
Rubber Matting	5%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2031	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	2%			2047	* *	5		
Fused Disc Sw	8%			2030	$14,400	5	$100	
Molded Case Bkrs	15%			2047	* *	5	$300	
Molded Case Bkrs	75%			2030	$134,700	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$139,700	2056	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2031	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$70,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2026	$43,200	2		
Egress Lighting								
Emergency, Battery	25%			2026	$32,700	10	$4,700	
Emergency, Battery	25%			2039	* *	10	$4,700	
Exit, Service	30%			2026	$10,100	1		
Exit, Service	20%			2039	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$43,900	1	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only No Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$14,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$24,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7,500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$136,000	2036	* *	1	$69,500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room. No. 2 Boiler Tubes Is Leaking								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units.								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1 Pipe Supply Only								
Terminal Devices								
Convector/Radiator	90%	0-2	$28,700	2036	* *	1	$20,400	
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. Seven Bad Cracked Radiators								
Fan Coil Unit/Heat	10%			2031	$193,400	1	$2,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Fan Room								
Explanation : 6 Units With Heating Coil For The Auditorium And Cafeteria								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Clinic And Telephone Room								
Explanation : 2 Units								
Window/Wall Unit	50%			2029	$147,700	1		
No Component	45%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2036	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : One Unit								
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2036	* *	2	$2,700	
Air Cooled Condenser Unit	95%			2036	* *	2	$51,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Fan Room								
Explanation : For The Auditorium								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$1,600	2031	$15,600	4	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Float Mechanism Is Defective								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 280 - Q**		
Address	: **34-20 94TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q280**
Program / Asset #	: **BOE1113.000 / 14569**	**Yr Built/Renovated**	: **1939 / 2010**
Area Sq Ft	: **27,918**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1454** **Lot** : **18**	**BIN**	: **4035799**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$109,400	
Electrical		$14,300
Mechanical	$63,500	$492,500
Total	**$172,900**	**$506,900**
Importance Code B	$172,900	$506,900
Total	**$172,900**	**$506,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$109,300			
Interior Architecture	$60,900	$1,300	$2,600	$1,600
Electrical	$1,900	$30,800	$2,800	$1,900
Mechanical	$56,300	$35,100	$11,400	$9,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$232,300**	**$71,100**	**$20,800**	**$16,900**
Importance Code A	$111,900	$2,700	$2,600	$2,600
Importance Code B	$111,500	$68,400	$18,200	$14,300
Importance Code C	$8,900			
Total	**$232,300**	**$71,100**	**$20,800**	**$16,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 280 - Q

Asset # : 14569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Bronze/Brass	5%			LIFE	* *			
Masonry: Brick	50%			LIFE	* *	5	$22,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : This Building Was Formerly A Private School - Recently Converted To City Public School								
Masonry: Brick Cavity	45%			LIFE	* *	5	$20,200	
Windows								
Aluminum	95%	4+	$10,300	2046	* *	5	$5,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 224								
Steel	5%	Now	$25,700	2055	* *	5	$3,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Stairs 1932 Wing								
Corrosion/Rusting, Extent : Severe, Area Affected : 70%								
Location : Stairs 1932 Wing								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$3,300	
Masonry: Brick Cavity	40%	0-2	$29,800	LIFE	* *	5	$3,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Interior Face Of 1966 Wing								
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Rail	5%	Now	$2,500	2035	* *	5	$2,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : 1966 Wing								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,300	
Roof								
IRMA/Protected Membrane	85%	Now	$30,400	2035	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : 1966 Wing								
Modified Bitumen	10%			2038	* *	10	$1,500	
Skylight, Metal/Glass	5%	Now	$10,600	2050	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stair A And B 1932 Wing								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 280 - Q

Asset # : 14569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2029	$14,600	3	$1,200	
Cast in Place Concrete	5%			LIFE	* *	5	$4,500	
Ceramic Tile	5%			2039	* *	5	$2,100	
Quarry Tile	5%			2043	* *	5	$3,100	
Terrazzo	10%			LIFE	* *	5	$3,200	
Vinyl Tile	43%			2035	* *	3	$6,700	
Vinyl Tile 9" X 9"	30%	Now	$109,400	2040	* *	3	$4,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 1966 Wing								
Worn/Eroded, Extent : Severe, Area Affected : 40%								
Location : 1966 Wing								
Interior Walls								
Ceramic Tile	20%			2039	* *	5	$9,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$1,800	
Gypsum Board	10%			LIFE	* *	5	$2,700	
Plaster	20%	Now	$4,400	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Room B01								
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2035	* *	5	$2,600	
Exposed Struc: Concrete	30%	2-4	$37,200	LIFE	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 305, 306, Of 1966 Wing								
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 3%								
Location : Boiler Room And Room C04 Electric Room								
Explanation : Missing Fireproofing								
Plaster	55%	4+	$13,800	LIFE	* *	5	$14,200	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Stair C And D 1932 Wing; Room B01								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Iron Picket	75%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	98%			2043	* *			
Masonry: Granite	2%			LIFE	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 280 - Q

Asset # : 14569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	60%			2039	* *			
Rubber Matting	40%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	2%			2046	* *	5		
Molded Case Bkrs	98%			2046	* *	5	$700	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$200	
Locally Mounted	20%			2028	$14,300	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	99%			2035	* *	10	$25,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2035	* *	10		
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$3,400	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10		
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 280 - Q

Asset # : 14569

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	90%			2040	* *	5	$7,800	
Natural Gas	10%			2050	* *	1		
Conversion Equipment								
Furnace	10%			2035	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Explanation : 1 Rooftop Package Unit								
Steam Boiler	90%			2035	* *	1	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	90%	0-2	$10,100	2030	$201,200			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Various Locations In Old Wing.								
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : On Top Of The Boiler, Boiler Room								
Loose, Extent : Moderate, Area Affected : 20%								
Location : Radiator Control Valves, Throughout								
No Component	10%							
Terminal Devices								
Air Handler	10%	0-2	$31,500	2040	* *	1	$1,600	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Convector/Radiator	80%			2028	$182,600	1	$7,200	
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 280 - Q

Asset # : 14569

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2035	* *	2	$200	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit On Lower Roof								
Split Unit	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units. R-410a								
Window/Wall Unit	60%			2025	$63,500	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	* *	1	$900	
No Component	90%							
Heat Rejection								
Dry Cooler	10%			2035	* *	2	$1,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$15,600	
Exhaust Fans								
Roof	50%			2030	$27,100	2	$400	
Roof	50%			2038	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Exterior Gutters								
Sump Pump(s)								
Non-Submersible	100%	0-2	$5,600	2040	* *	4	$600	
Corroded, Extent : Moderate, Area Affected : 40%								
Location : Housing Assembly, Boiler Room								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2025	$14,600	4	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 280 - Q

Asset # : 14569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement To Ground Floor. The Gate Is Broken.								
Explanation : 1 Freight Unit								
No Component	90%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 281 - M**		
Address	: **425 EAST 35TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M281**
Program / Asset #	: **BOE1141.000 / 14887**	**Yr Built/Renovated**	: **2013 /**
Area Sq Ft	: **93,376**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,6**		
Block	: **967** **Lot** : **2**	**BIN**	: **1089385**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$187,000	$187,000
Interior Architecture	$242,000	$190,500
Electrical		$83,100
Mechanical	$119,900	$326,400
Total	**$548,900**	**$787,000**
Importance Code A	$187,000	$187,000
Importance Code B	$180,100	$469,700
Importance Code C	$181,700	$130,300
Total	**$548,900**	**$787,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$126,200	$20,100		
Interior Architecture	$69,000	$21,400	$23,600	
Electrical	$19,500	$15,200	$17,300	$17,700
Mechanical	$94,900	$72,400	$70,500	$44,500
Elevators/Escalators	$13,800	$13,800	$13,800	$13,800
Total	**$323,500**	**$143,000**	**$125,200**	**$75,900**
Importance Code A	$130,800	$24,700	$4,600	$4,600
Importance Code B	$158,400	$96,800	$120,500	$71,300
Importance Code C	$34,300	$21,400		
Total	**$323,500**	**$143,000**	**$125,200**	**$75,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 281 - M

Asset # : 14887

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$36,600	
Other Observation, Extent : N/A, Area Affected : 100% Location : Front Elevation Explanation : Glazed Terracotta								
Masonry: Brick Cavity	90%			LIFE	* *	5	$211,000	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$22,000	
Metal Panel	3%			2059	* *	5-10	$24,200	
Windows								
Aluminum	100%			2055	* *	5	$40,200	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$163,000	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$49,800	
Masonry: Brick	45%			LIFE	* *	5-10	$54,000	
Roof								
Plaza Roof: Stone Panels	100%			2059	* *			
Soffits								
Metal Panel	100%			2059	* *	5-10	$29,200	
Interior								
Floors								
Ceramic Tile	15%			2046	* *	5	$21,000	
Terrazzo	5%			LIFE	* *	5	$10,900	
Vinyl Tile	75%			2041	* *	3	$39,300	
Wood	5%			2068	* *	5	$13,100	
Interior Walls								
Ceramic Tile	40%			2046	* *	5	$137,200	
Concrete Masonry Unit	25%			LIFE	* *	5	$68,600	
Folding Partition	5%			2055	* *	5	$42,900	
Gypsum Board	30%			LIFE	* *	5-10	$174,900	
Ceilings								
AcousTileSusp.Lay-In	90%			2050	* *	5	$120,400	
Gypsum Board	10%			LIFE	* *	5-10	$46,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2077	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Cast in Place Concrete	95%			2050	* *			
Rubber Matting	5%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 281 - M

Asset # : 14887

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 And 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	20%			2046	* *	5	$100	
Variable Frequency Drive	80%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$28,700	
Generators								
Diesel	100%			2042	* *	1	$36,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 352 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 60 Gallons Rated Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor								
Explanation : No Available Nameplate Rating Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 281 - M

Asset # : 14887

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$81,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	3%			2038	* *			
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, LED	40%			2061	* *	1		
Exterior Lighting								
Fluorescent	20%			2038	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Front, Rear								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$500	
Alarm								
Security System								
Generic	50%			2038	* *	1	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2038	* *	1	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$57,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Alarm Bells, Manual Pull Stations, Strobe Lights, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 281 - M

Asset # : 14887

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	70%			2038	* *	1	$32,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Units								
Hot Water Boiler	30%			2046	* *	1	$13,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%	0-2	$3,100	2049	* *	4	$1,400	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Relief Valve Of The Glycol System Is Defective								
No Component	70%							
Terminal Devices								
Convector/Radiator	20%			2046	* *	1	$6,000	
Fan Coil Unit/Heat	10%			2038	* *	1	$3,000	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2038	* *	1	$39,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Multistacks. R-410a								
Split Unit	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units. R-410a								
Distribution								
CW & CHW Wtr Pipe/Pump	90%			2053	* *	4	$6,200	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	90%			2038	* *	1	$52,000	
Fan Coil - 2 Pipe	10%			2038	* *	1	$3,000	
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$6,500	
Water Cooling Tower	90%			2034	* *	2	$84,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 281 - M

Asset # : 14887

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2038	* *	2	$300	
Roof	90%			2038	* *	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$119,900	2053	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 50%								
Location : Basement. 1 Domestic Water Booster Pump Is Not Working								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 6th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$47,100	
Sprinkler								
Generic	100%			2053	* *	1-2	$26,200	
Fire Pump								
Generic	100%			2046	* *	1	$17,400	
Chemical System								
Generic	100%			2031	$326,400	1-3	$297,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System Covers 80 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 282 - BK**		
Address	: **180 6TH AVENUE @ BERKELEY PL**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K282**
Program / Asset #	: **BOE0570.000 / 1288**	**Yr Built/Renovated**	: **1962 / 2001**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **950** **Lot** : **24**	**BIN**	: **3019597**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,438,800	$249,300
Interior Architecture	$6,816,700	$98,500
Electrical	$242,400	$1,005,400
Mechanical	$705,200	$2,425,000
Total	**$9,203,100**	**$3,778,300**
Importance Code A	$2,144,000	$249,300
Importance Code B	$6,994,300	$3,529,000
Importance Code C	$64,800	
Total	**$9,203,100**	**$3,778,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,000		$11,400	
Interior Architecture	$142,400		$18,600	$11,100
Electrical	$11,600	$2,400	$2,700	$3,900
Mechanical	$49,500	$18,200	$23,300	$14,600
Total	**$240,600**	**$20,700**	**$56,000**	**$29,500**
Importance Code A	$37,000	$8,600	$20,000	$8,600
Importance Code B	$141,100	$12,100	$36,000	$17,800
Importance Code C	$62,400			$3,200
Total	**$240,600**	**$20,700**	**$56,000**	**$29,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	2-4	$851,400	LIFE	* *	5	$48,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Window Lintels At All Elevations								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Window Lintels At All Elevations								
Masonry: Brick Cavity	7%	Now	$66,200	LIFE	* *	5	$3,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Stair C								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C								
Metal Panel	3%			2053	* *	5-10	$11,200	
Windows								
Aluminum	100%	4+	$521,100	2049	* *	5	$18,200	
Unit Inoperable, Extent : Light, Area Affected : 10%								
Location : 6th Avenue								
Parapets								
Metal Rail	100%	0-2	$37,000	2046	* *	5	$78,300	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : All Roof Railing Penetrations. Pitch Pockets Failed								
Roof								
Built-Up (BUR)	95%			2038	* *	10	$118,300	
Metal Panel	5%			2046	* *	10	$11,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$55,300	
Ceramic Tile	5%			2042	* *	5	$6,300	
Terrazzo	2%			LIFE	* *	5	$3,900	
Vinyl Tile	43%			2038	* *	3	$20,400	
Vinyl Tile 9" X 9"	30%	Now	$6,689,800	2043	* *	3	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2061	* *	5	$23,700	
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$6,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$16,800	
Marble Panels	3%			LIFE	* *	10	$2,500	
Plaster	56%			LIFE	* *	5-10	$100,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$26,300	
Wood	3%			LIFE	* *	5	$50,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	23%			2038	* *	5	$29,100	
AcousTileSusp.Lay-In	5%			2038	* *	5	$6,300	
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$71,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,600	
Fiber Board	5%			2028	$98,500			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	10%			LIFE	* *	5-10	$43,400	
Metal Panel	2%			LIFE	* *	5	$6,300	
Plaster	5%			LIFE	* *	5-10	$10,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair E								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2053	* *			
Iron Picket	70%			2077	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$204,800	5	$300	
Fused Disc Sw	10%			2053	* *	5		
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	5%			2032	$12,000	5	$100	
Molded Case Bkrs	10%			2049	* *	5	$200	
Molded Case Bkrs	80%			2032	$191,600	5	$1,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$175,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	30%			2033	$87,500	1		
Motor Controllers								
Locally Mounted	90%			2031	$107,500	5	$500	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	2%			2038	* *	10	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
Fluorescent	96%			2038	* *	10	$76,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$73,000	10	$10,500	
Exit, Service	50%			2033	$18,800	1		
Exterior Lighting								
HID	20%			2028	$81,200	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	$49,000	1	$9,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$67,300	2043	* *	1-3	$14,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment, Alarm Bells, Manual Pull Stations Only.								

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DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$199,600	5	$27,000	
Conversion Equipment								
Steam Boiler	10%	Now	$22,700	2038	* *	1	$7,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : And Not In Service, No. 2 Boiler.								
Steam Boiler	90%	2-4	$682,500	2053	* *	1	$69,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$1,400	2033	$69,700			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Steam Piping/Pump	90%			2033	$627,000			
Terminal Devices								
Air Handler	20%			2041	* *	1	$10,800	
Convector/Radiator	80%			2031	$569,100	1	$22,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2028	$256,700	1	$8,100	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	60%			2028	$197,800	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2043	* *	4	$900	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2041	* *	1	$10,800	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2028	$40,300	2	$12,100	
No Component	80%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	5%	Now	$3,800	LIFE	* *	2-5	$2,400	
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Louver								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$73,000	
Exhaust Fans								
Interior	50%			2041	* *	2	$1,300	
Roof	50%			2028	$84,400	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Insulation Needed On Main Water Supply Line								
HW Heat Exchanger								
Steam Fired	5%	Now	$2,100	2033	$21,000	4	$400	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Connection Pipes								
Steam Fired	95%			2033	$399,700	4	$12,300	
Sanitary Piping								
Cast Iron	10%	Now	$2,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$5,200	2043	* *	4	$1,800	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 75%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$24,100	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 284 - BK**		
Address	: **220 WATKINS STREET BTWN: SUTTER AVE., DEAD END**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K284**
Program / Asset #	: **BOE0571.000 / 1275**	**Yr Built/Renovated**	: **1906 / 2011**
Area Sq Ft	: **92,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3544** **Lot** : **1**	**BIN**	: **3326517**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,557,500	$78,800
Interior Architecture	$2,704,100	$3,771,300
Electrical	$69,500	$2,055,500
Mechanical	$1,246,300	$1,460,400
Site Pavements		$164,900
Total	**$5,577,400**	**$7,531,000**
Importance Code A	$1,557,500	$78,800
Importance Code B	$3,917,300	$6,871,900
Importance Code C	$102,600	$580,200
Total	**$5,577,400**	**$7,531,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,400			
Interior Architecture	$135,700	$8,400		$13,200
Electrical	$4,300	$14,100	$3,800	$3,400
Mechanical	$37,100	$21,300	$15,300	$12,800
Site Enclosure	$6,500			
Site Pavements	$9,800			
Total	**$247,800**	**$43,800**	**$19,100**	**$29,400**
Importance Code A	$70,400	$9,300	$9,100	$9,100
Importance Code B	$132,100	$34,500	$10,000	$20,300
Importance Code C	$45,200			
Total	**$247,800**	**$43,800**	**$19,100**	**$29,400**

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DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$37,100	
Masonry: Brick	83%	Now	$649,000	LIFE	* *	5	$78,800	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : North Wall 3rd And 4th Floors And Stair H								
Masonry: Limestone	10%			LIFE	* *	5	$7,100	
Metal Panel	2%	Now	$2,500	2050	* *	5	$3,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair H								
Windows								
Aluminum	100%	Now	$697,600	2046	* *	5	$14,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$210,900	LIFE	* *	5	$16,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : North Side								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Side								
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Roof								
Built-Up (BUR)	70%	Now	$24,400	2035	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Around Roof Drain								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Around Roof Drain								
Paver: Asphalt	11%	Now	$27,400	2039	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Entry Level Over Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entry Level Over Basement								
Paver: Asphalt	19%			2039	* *	10	$17,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$11,500	LIFE	* *	5	$14,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Ceramic Tile	5%	Now	$7,600	2033	$382,200	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Toilet And Throughout								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Toilets Throughout								
Panel/Paver: Cer/Brk	2%	Now	$32,300	2038	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Pool Floor								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Pool Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Pool Floor								
Sheet Vinyl/Rubber	2%	0-2	$3,500	2035	* *	5	$2,000	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Library								
Traffic Topping	3%	Now	$3,900	2030	$194,100	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Vinyl Tile	68%	Now	$50,900	2030	$2,547,000	3	$34,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	4+	$47,900	2025	$2,392,900	3	$5,100	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Throughout								
Wood	5%			2045	* *	5	$12,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$29,000	2033	$580,200	5	$5,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairs Throughout And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs Throughout, Kitchen And Toilets								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Stairs Throughout, Kitchen And Toilets								
Masonry: Brick	10%			LIFE	* *			
Plaster	80%	Now	$102,600	LIFE	* *	5	$25,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Basement Toilet And Staff Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Auditorium Corridor, 3rd And 4th Floor North Walls, Stair H And Pool								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Corridor, 3rd And 4th Floor North Walls								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Corridor, 3rd And 4th Floor North Walls, Stair H								
Ceilings								
AcousTile,Adhered	7%	0-2	$91,600	2050	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTile,Adhered	3%			2050	* *	5	$4,100	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,100	
Plaster	80%	Now	$66,000	LIFE	* *	5	$67,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Basement Toilet And Staff Room								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%	4+	$1,900	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Concrete Masonry Unit	100%	Now	$4,600	2040	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : East And West Side Entry Level								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%			2043	* *			
Pavers/Stone	50%			2039	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$9,800	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entry Steps								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	80%			2033	$164,900			
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Boiler Rooms								
Explanation : Two 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	80%			2030	$161,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	1%			2046	* *	5		
Molded Case Bkrs	70%			2029	$167,600	5	$1,700	
Molded Case Bkrs	29%			2046	* *	5	$700	
Wiring								
Braided Cloth	70%			2029	$204,200	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$95,500	5	$500	
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$1,344,000	10	$82,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 98%								
Location : Throughout The Building								
LED	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Swimming Pool								
Explanation : LED Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	5%			2030	$2,800	1		
Emergency, Battery	45%			2025	$69,500	10	$10,000	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Alarm								
Security System								
Generic	50%			2035	* *	1	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2035	* *	1	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	4+	$16,000	2035	* *	1	$82,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. 3 Tubes In Each Unit Plugged.								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	20%			2025	$346,300	1	$11,400	
Convector/Radiator	70%			2035	* *	1	$20,800	
Fan Coil Unit/Heat	10%			2025	$228,100	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$278,800	1		
No Component	20%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$15,400	
No Component	70%							
Exhaust Fans								
Interior	20%			2025	$81,600	2	$600	
Roof	80%	4+	$7,100	2025	$142,800	2	$1,800	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$118,200	2030	$1,181,600	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : Main Service In Basement North West								
Corroded, Extent : Severe, Area Affected : 30%								
Location : Main Service Valves In Basement South West.								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Basement								
Explanation : Riser Valves Not Holding.								
Water Heater With Tanks								
Gas Fired	50%			2025	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Domestic Water Heater								
Gas Fired	50%	Now	$200	2030	$8,500	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Pool Heater In Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%	Now	$3,700	2040	* *	4	$1,900	
Broken, Extent : Severe, Area Affected : 33%								
Location : 1 Of 3 In Basement								
Controller Not Working, Extent : Moderate, Area Affected : 33%								
Location : 1 Of 3 With Alarm And Controls Issues In Basement.								
Leak Evident, Extent : Severe, Area Affected : 33%								
Location : 1 Of 3 In Basement								
Pool Filter/Treatment								
Sand	100%	Now	$329,300	2050	* *	4	$2,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$38,200	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 286 - BK(CMHC-P811K/SIE I)**		
Address	: **2525 HARING STREET BTWN: AVE. Y, AVE.Z**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K286**
Program / Asset #	: **BOE0573.000 / 1260**	**Yr Built/Renovated**	: **1959 / 2014**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7447** **Lot** : **1**	**BIN**	: **3204767**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$68,600	$54,600
Interior Architecture	$97,900	$140,600
Electrical	$559,000	$668,600
Mechanical	$541,100	$3,274,700
Total	**$1,266,500**	**$4,138,500**
Importance Code A	$68,600	$54,600
Importance Code B	$1,197,900	$4,029,800
Importance Code C		$54,100
Total	**$1,266,500**	**$4,138,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,000	$37,200	$15,900	
Interior Architecture	$13,700	$13,900	$9,300	$1,400
Electrical	$4,600	$40,500	$6,900	$7,400
Mechanical	$36,700	$57,800	$24,500	$17,600
Site Enclosure	$3,900			
Site Pavements	$7,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$87,200**	**$153,400**	**$60,600**	**$30,300**
Importance Code A	$24,400	$44,700	$23,200	$7,300
Importance Code B	$51,200	$108,600	$37,400	$23,000
Importance Code C	$11,600			
Total	**$87,200**	**$153,400**	**$60,600**	**$30,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 286 - BK(CMHC-P811K/SIE I)
Asset # : 1260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$4,200	
Glazed Ceramic Panel	3%			LIFE	* *	5	$6,000	
Masonry: Brick Cavity	60%			LIFE	* *	5	$25,500	
Metal/Glass Curt Wall	30%			LIFE	* *	5	$23,900	
Metal Panel	5%			2050	* *	5-10	$14,600	
Windows								
Aluminum	98%			2046	* *	5	$31,700	
Glass Block	2%			LIFE	* *	5	$400	
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$900	
Masonry: Brick Cavity	70%	Now	$14,300	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East And West Parapet								
Metal Rail	20%	4+	$2,700	2028	$54,600	5	$5,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal: Cage/Fence	7%			2043	* *	5-10	$2,200	
Roof								
Built-Up (BUR)	67%			2035	* *	10	$68,600	
Copper/Terne	3%			2045	* *	10	$7,700	
Metal Panel	5%			2043	* *	10	$9,400	
Modified Bitumen	25%			2035	* *	10	$25,600	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$24,300	
Ceramic Tile	3%	2-4	$9,400	2039	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$1,700	
Terrazzo	3%			LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	67%			2038	* *	3	$27,900	
Vinyl Tile 9" X 9"	10%	Now	$97,900	2040	* *	3	$4,200	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	5%			2058	* *	5	$10,400	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$8,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,600	
Plaster	62%			LIFE	* *	5	$54,100	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 286 - BK(CMHC-P811K/SIE I)
Asset # : 1260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$27,700	
Exposed Struc: Concrete	45%			LIFE	* *	5	$7,800	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	5%			2030	$86,500			
Metal Panel	2%			LIFE	* *	5	$2,800	
Plaster	20%			LIFE	* *	5	$13,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$3,900	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : ADA Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	95%	2-4	$2,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : South Of Building								
Masonry: Granite	5%	0-2	$5,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entry Stairs								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2030	$58,500	5	$100	
Fused Disc Sw	10%			2050	* *	5		
Molded Case Bkrs	60%			2030	$117,000	5	$1,200	
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	5%			2029	$9,000	5	$100	
Molded Case Bkrs	80%			2029	$143,700	5	$1,600	
Molded Case Bkrs	10%			2046	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040
P. S. 286 - BK(CMHC-P811K/SIE I)
Asset # : 1260

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	40%	2-4	$79,800	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	50%			2030	$99,800	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	$26,800	1	$22,800	
Generators								
Natural Gas	100%	2-4	$138,700	2045	* *	1	$25,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 100 Kilowatt. It Is Operational But It Is Obsolete.								
Batteries								
Lead/Acid	100%	2-4	$1,500	2025	$2,500	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Obsolete Battery.								
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$64,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$17,500	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : HID Fixtures Are In Satisfactory Condition.								
Incandescent	3%			2025	$61,500	2	$100	
Egress Lighting								
Emergency, Service	60%			2035	* *	1		
Exit, Service	40%			2025	$12,800	1		
Exterior Lighting								
HID	40%			2025	$138,100	10	$100	
No Component	60%							
Alarm								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 286 - BK(CMHC-P811K/SIE I)
Asset # : 1260

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%	2-4	$76,400	2040	* *	1-3	$16,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : The Fire Alarm System Is Obsolete.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2050	* *	5	$22,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$73,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two No. 4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$11,900	2030	$592,600			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In Basement								
Terminal Devices								
Air Handler	20%			2025	$278,500	1	$9,200	
Convector/Radiator	80%			2028	$484,100	1	$19,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	$327,500	1	$10,300	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Exterior Pkg Unit - Cooling	70%			2030	$568,000	2	$3,200	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2040	* *	4	$5,500	
Terminal Devices								
Air Handler/Cool/Ht	20%			2038	* *	1	$9,200	
Fan Coil - 2 Pipe	80%			2038	* *	1	$19,100	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 286 - BK(CMHC-P811K/SIE I)
Asset # : 1260

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	30%			2035	* *	2	$15,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Exhaust Fans								
Interior	80%			2025	$262,600	2	$1,800	
Roof	20%			2025	$28,700	2	$500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$944,700	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 120 Gallon Tank								
HW Heat Exchanger								
Steam Fired	100%			2030	$357,800	4	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Unit No Longer Used. Abandoned In Place.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$5,200	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Crawl Space								
Explanation : Back Ups And Flooding During Heavy Rains								
Sump Pump(s)								
Submersible	100%			2024	$2,300	4	$2,300	
Sewage Ejector(s)								
Compressed Air	100%			2050	* *	4	$700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 286 - BK(CMHC-P811K/SIE I)
Asset # : 1260

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,000	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 287 - BK**		
Address	: **50 NAVY STREET @NASSAU ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K287**
Program / Asset #	: **BOE0574.000 / 1261**	**Yr Built/Renovated**	: **1953 / 2008**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **111** **Lot** : **1**	**BIN**	: **3000203**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$928,600	$87,100
Interior Architecture	$16,087,700	$157,400
Electrical	$435,100	$450,500
Mechanical	$543,300	$2,272,900
Site Pavements	$489,100	
Total	**$18,483,600**	**$2,967,800**
Importance Code A	$928,600	$767,000
Importance Code B	$16,975,000	$2,200,900
Importance Code C	$580,100	
Total	**$18,483,600**	**$2,967,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$106,000	$4,100		$23,200
Electrical	$11,000	$2,200	$2,700	$31,800
Mechanical	$29,600	$12,200	$17,400	$40,600
Site Enclosure	$47,600			
Site Pavements	$8,600			
Total	**$202,800**	**$18,500**	**$20,100**	**$95,600**
Importance Code A	$7,700	$7,700	$7,700	$7,900
Importance Code B	$138,900	$10,800	$12,300	$87,700
Importance Code C	$56,200			
Total	**$202,800**	**$18,500**	**$20,100**	**$95,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$3,200	
Masonry: Brick	84%			LIFE	* *	5	$87,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Exterior Walls And Parapets								
Masonry: Granite	5%			LIFE	* *	5	$3,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Exterior Walls								
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Exterior Walls And Parapets								
Marble Panels	1%			LIFE	* *	5	$800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : All Exterior Walls								
Windows								
Aluminum	50%			2048	* *	5	$18,000	
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Replaced Windows In Auditorium And Gymnasium								
Aluminum	50%	Now	$859,700	2057	* *	5	$9,000	
Air Infiltration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$6,400	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : All Parapets And Caps								
Masonry: Limestone	5%			LIFE	* *	5	$400	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : All Parpaet Caps Replaced								
Roof								
Built-Up (BUR)	100%			2037	* *	10	$68,900	
Recent Construction, Extent : N/A, Area Affected : 50%								
Location : Roofing And Flashing Within 6 Inches Of Parapet, Perimeter And At Drains Replaced								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Electrical Room In Basement								
Ceramic Tile	5%			2035	* *	5	$6,600	
Terrazzo	5%	Now	$31,000	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps								
Vinyl Tile	5%			2037	* *	3	$2,500	
Vinyl Tile 9" X 9"	65%	Now	$304,100	2027	$15,203,500	3	$32,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Cafeteria Floor								
Wood	10%			2047	* *	5	$24,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$178,700	2041	* *	5	$5,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : All Bathroom Walls And Window Sills								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,300	
Plaster	60%	Now	$158,100	LIFE	* *	5	$39,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : First And Second Floors								
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Stair Cases								
SGFT/Glazed Masonry	25%	4+	$243,300	LIFE	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Ceilings								
AcousTileConcealSpLn	20%	Now	$30,500	2052	* *	5	$11,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Cafeteria								
AcousTileSusp.Lay-In	10%	0-2	$15,700	2030	$157,400	5	$4,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Staining/Discoloring, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Plaster	20%			LIFE	* *	5	$11,800	
Plaster	50%	Now	$28,800	LIFE	* *	5	$29,600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Ceiling								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$37,400	2052	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Concord Street, Next To Park								
Iron Picket	20%	Now	$10,200	2052	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Front Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	70%	Now	$6,400	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Play Yard								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Play Yard								
Cast in Place Concrete	30%	Now	$2,200	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Play Yard								
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Rubber Matting	100%	Now	$489,100	2042	* *			
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes Each.								
Switchgear / Switchboard								
Fused Knife Sw	100%	Now	$195,100	2062	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	70%			2031	$125,700	5	$1,400	
Molded Case Bkrs	20%			2048	* *	5	$400	

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DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$179,600	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$68,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$9,400	
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$29,300	1	$5,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$60,400	2042	* *	1-3	$13,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$181,400	5	$24,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	$679,900	1	$77,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units.								
Distribution								
Steam Piping/Pump	10%	Now	$3,100	2032	$62,500			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Various Locations In Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Return Line. Basement								
Steam Piping/Pump	90%			2032	$562,200			
Terminal Devices								
Air Handler	20%			2027	$293,600	1	$9,700	
Convector/Radiator	80%			2030	$510,300	1	$20,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : R-410a								
Window/Wall Unit	65%	0-2	$57,600	2027	$192,100	1		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2037	* *	1	$1,300	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2037	* *	2	$2,700	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	
Exhaust Fans								
Interior	80%			2032	$276,800	2	$1,900	
Roof	5%			2032	$7,600	2	$100	
No Component	15%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Roof Fans Were Removed								
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$5,000	2042	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main Valve.								
Brass/Copper	90%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2052	* *	4	$11,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,500	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Cracked, Extent : Severe, Area Affected : 5%								
Location : Cause Serious Flooding In The Crossbay Of Basement Fan Room When It Rains								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%	Now	$800	2032	$40,800	4	$3,100	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 1 Pump, Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$32,400	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 288 - BK**		
Address	: **2950 WEST 25 STREET BTWN: MERMAID AVE., SURF AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K288**
Program / Asset #	: **BOE0575.000 / 1262**	**Yr Built/Renovated**	: **1962 / 2015**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7054** **Lot** : **45**	**BIN**	: **3189538**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,078,600	$1,052,500
Interior Architecture	$15,367,800	$103,300
Electrical	$73,700	$161,400
Mechanical	$344,300	$2,023,900
Total	**$16,864,400**	**$3,341,100**
Importance Code A	$1,078,600	$1,052,500
Importance Code B	$15,785,700	$2,288,600
Total	**$16,864,400**	**$3,341,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$11,600
Interior Architecture	$24,500	$6,700	$3,400	$34,600
Electrical	$8,000	$8,700	$8,000	$69,300
Mechanical	$91,000	$13,300	$20,700	$14,200
Site Pavements	$18,800			
Total	**$142,300**	**$28,700**	**$32,100**	**$129,600**
Importance Code A	$8,100	$8,100	$8,100	$19,900
Importance Code B	$131,700	$20,500	$20,600	$109,700
Importance Code C	$2,400		$3,400	
Total	**$142,300**	**$28,700**	**$32,100**	**$129,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$29,000	
Masonry: Brick Cavity	37%	Now	$199,100	LIFE	* *	5	$45,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Masonry: Brick Cavity	50%			LIFE	* *	5	$61,800	
Masonry: Limestone	3%			LIFE	* *	5	$2,800	
Metal Panel	5%			2052	* *	5-10	$42,500	
Windows								
Aluminum	75%	Now	$267,000	2048	* *	5	$14,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : First Through Third								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Steel	25%	4+	$421,000	2057	* *	5	$58,300	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Gymnasium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Gymnasium								
Parapets								
Masonry: Brick Cavity	20%			LIFE	* *	5	$3,400	
Masonry: Limestone	10%			LIFE	* *	5	$2,200	
Metal Rail	70%			2045	* *	5-10	$216,500	
Roof								
IRMA/Protected Membrane	60%	Now	$60,100	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead Stair B, Gymnasium, Lower Roof								
IRMA/Protected Membrane	40%			2032	$801,600	10	$33,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Upper Roof								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$52,900	
Ceramic Tile	3%	Now	$13,600	2041	* *	5	$2,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Toilet Rooms								
Quarry Tile	3%			2045	* *	5	$7,300	
Sheet Vinyl/Rubber	5%			2037	* *	5	$12,100	
Vinyl Tile	15%			2037	* *	3	$9,100	
Vinyl Tile 9" X 9"	54%			2027	$15,367,800	3	$43,500	
Wood	5%			2047	* *	5	$15,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$6,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,400	
Plaster	50%			LIFE	* *	5	$20,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	$20,200	
Exposed Struc: Concrete	60%			LIFE	* *	5	$15,100	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	25%			LIFE	* *	5	$50,400	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2076	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$5,300	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Of Building								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$2,400	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : West 25th Street								
Other Observation, Extent : Light, Area Affected : 10%								
Location : West 25th Street								
Explanation : Vegetation In Cracks								
Parking/Driveway								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	100%	4+	$11,000	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear Play Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2052	* *	5	$2,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2032	$161,400	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	95%			2048	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$25,200	
Generators								
Natural Gas	100%			2045	* *	1	$31,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 70 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	93%			2037	* *	10	$69,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2037	* *	10	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Compact Fluorescent Lights								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$9,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$46,200	1	$9,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm. Motion Sensors								

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DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$15,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2058	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$81,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	12%	Now	$47,300	2062	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Steam Piping/Pump	88%			2032	$577,800			
Terminal Devices								
Air Handler	20%			2032	$308,600	1	$10,100	
Convector/Radiator	80%	0-2	$10,700	2030	$536,400	1	$19,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2027	$121,000	1	$3,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	15%			2040	* *			
Window/Wall Unit	65%	0-2	$4,000	2025	$201,900	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various								
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Dir Expansion	10%			2032	$141,500	1		
Fan Coil - 2 Pipe	15%			2040	* *	1	$4,000	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2027	$21,400	2	$5,700	
Air Cooled Condenser Unit	15%			2040	* *	2	$8,600	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	
Exhaust Fans								
Interior	40%			2032	$145,500	2	$1,000	
Roof	60%			2040	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%	Now	$15,700	2030	$314,100	1		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : The Water Main Valve Is Cracked								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$2,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$34,000	1-2	$700	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 289 - BK**		
Address	: **900 ST. MARKS AVENUE @KINGSTON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K289**
Program / Asset #	: **BOE0576.000 / 1263**	**Yr Built/Renovated**	: **1958 / 2011**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1229** **Lot** : **28**	**BIN**	: **3031050**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$486,900	$675,400
Interior Architecture	$6,970,600	
Electrical	$410,000	$790,100
Mechanical	$1,891,000	$1,034,500
Site Pavements		$87,200
Total	**$9,758,500**	**$2,587,100**
Importance Code A	$973,300	$675,400
Importance Code B	$8,720,300	$1,911,700
Importance Code C	$64,900	
Total	**$9,758,500**	**$2,587,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$7,800
Interior Architecture	$104,300	$4,600		$26,000
Electrical	$23,900	$2,800	$4,100	$47,300
Mechanical	$18,600	$15,000	$21,100	$49,000
Site Pavements	$84,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$239,200**	**$30,300**	**$33,100**	**$138,000**
Importance Code A		$9,200	$9,200	$17,200
Importance Code B	$178,400	$20,500	$23,900	$120,800
Importance Code C	$60,800	$700		
Total	**$239,200**	**$30,300**	**$33,100**	**$138,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	68%	0-2	$230,500	LIFE	* *	5	$52,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Window Lintels								
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Various Locations. All Facades								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$1,200	
Metal/Glass Curt Wall	30%			LIFE	* *	5	$43,800	
Windows								
Aluminum	75%			2048	* *	5	$19,100	
Aluminum	10%	Now	$12,100	2048	* *	5	$1,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Classrooms								
Aluminum	15%	0-2	$182,000	2057	* *	5	$1,900	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium Windows								
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$7,500	
Metal/Glass Curt Wall	30%			2042	* *	5	$13,400	
Metal Panel	5%			2052	* *	5	$2,200	
Roof								
Built-Up (BUR)	100%	Now	$62,200	2032	$622,500			
Expansion Joint Failure, Extent : Severe, Area Affected : 10%								
Location : Southwest Corner Of Roof Adjacent To South Courtyard								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : At Expansion Joints Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,200	
Ceramic Tile	2%			2045	* *	5	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Bathrooms								
Explanation : Bathrooms Renovated								
Mosaic Tile	3%	Now	$94,600	2052	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 2nd And 3rd Floor Bathrooms								
Quarry Tile	5%	Now	$30,900	2037	* *	5	$3,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Kitchen								
Terrazzo	2%	0-2	$7,900	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor Corridors And Entry Lobby								
Terrazzo	3%			LIFE	* *	5	$2,000	
Vinyl Tile	30%			2037	* *	3	$9,500	
Vinyl Tile 9" X 9"	45%			2027	$6,672,600	3	$18,900	
Wood	5%			2047	* *	5	$7,900	
Interior Walls								
Cast in Place Concrete	5%	0-2	$24,900	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Foundation Wall Adjacent To St. Marks Avenue And Electric Room								
Ceramic Tile	3%	Now	$64,900	2047	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 2nd And 3rd Floor Bathrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 2nd And 3rd Floor Bathrooms								
Ceramic Tile	2%			2045	* *	5	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Bathrooms								
Explanation : Bathrooms Renovated								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	45%	0-2	$35,900	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Within Corridors At Expansion Joint Transitions								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$13,100	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$8,400	
AcousTileConcealSpLn	25%			2037	* *	5	$26,300	
Exposed Struc: Concrete	55%	Now	$138,500	LIFE	* *	5	$7,200	
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Within Corridors At Expansion Joint Transitions								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Expansion Joint Between Old And New Wing								
Plaster	10%			LIFE	* *	5	$5,300	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	80%	Now	$49,700	2045	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 25%								
Location : Various Sidewalk Flags Along St. Marks And Kinston Avenues								
Pavers/Stone	20%	Now	$34,900	2035	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 25%								
Location : Adjacent To Curbs Along St. Marks And Kingston Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Cast in Place Concrete	70%			2049	* *			
Rubber Matting	30%			2032	$87,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes Each.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2042	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Molded Case Bkrs	70%			2032	$159,300	5	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	90%			2032	$181,600	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	90%			2031	$215,500	5	$2,200	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$218,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2042	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$400	
Locally Mounted	30%	2-4	$21,500	2052	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	97%			2037	* *	10	$82,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$78,100	10	$11,200	
Exit, Service	50%			2032	$20,100	1		
Exterior Lighting								
HID	25%			2027	$108,500	10	$100	
No Component	75%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	75%							
Generic	25%			2027	$43,600	1	$8,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$72,000	1-3	$17,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$216,300	5	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	0-2	$486,400	2052	* *	1	$82,900	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : The Shells								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Both Burners								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	30%	Now	$4,500	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Return Line, Various In Basement.								
Steam Piping/Pump	70%			2042	* *			
Terminal Devices								
Air Handler	50%			2027	$875,100	1	$28,800	
Convector/Radiator	40%			2030	$304,200	1	$12,000	
Fan Coil Unit/Heat	10%			2027	$230,600	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit, R-410a								
Window/Wall Unit	15%			2027	$52,800	1		
No Component	80%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2037	* *	1	$1,500	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2037	* *	2	$3,200	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,900	
Exhaust Fans								
Interior	40%			2027	$165,000	2	$1,100	
Roof	45%			2027	$81,200	2	$1,300	
Roof	15%			2037	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	10%	Now	$2,400	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement Cross Bay								
Galvanized Steel	40%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
HW Heat Exchanger								
Steam Fired	100%			2032	$449,700	4	$13,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2027	$18,600	4	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%	0-2	$2,400	2040	* *	4	$3,700	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1 Passenger Unit From 1st To 3rd Floor, 1 Freight Unit From Basement To 1st Floor								
Explanation : 2 Units. The Freight Has Been Down For One And Half Years.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$64,300	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 29 - BX**		
Address	: **758 COURTLANDT AVENUE @E. 156 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X029**
Program / Asset #	: **BOE0176.000 / 480**	**Yr Built/Renovated**	: **1963 / 2011**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2403** **Lot** : **1**	**BIN**	: **2001736**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$345,200	$326,200
Interior Architecture	$916,700	$609,500
Electrical	$472,700	$800,600
Mechanical	$318,500	$773,900
Total	**$2,053,000**	**$2,510,200**
Importance Code A	$345,200	$326,200
Importance Code B	$1,707,800	$2,184,000
Total	**$2,053,000**	**$2,510,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$14,200	$11,200
Interior Architecture	$204,200		$6,900	$14,700
Electrical	$2,300	$3,100	$59,600	$2,100
Mechanical	$42,200	$12,400	$49,700	$18,900
Site Pavements	$25,100			
Total	**$273,800**	**$15,600**	**$130,500**	**$46,900**
Importance Code A	$8,500	$8,500	$22,900	$19,700
Importance Code B	$162,800	$7,100	$107,600	$27,200
Importance Code C	$102,500			
Total	**$273,800**	**$15,600**	**$130,500**	**$46,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	Now	$112,500	LIFE	* *	5	$68,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Corner At Entrance Area Facade								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Courtyard Facade								
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 2%								
Location : Front Entrance Facade Above Canopy								
Masonry: Brick	50%	Now	$163,100	LIFE	* *	5	$68,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : East 156th Street Corner								
Patching Evident, Extent : Moderate, Area Affected : 1%								
Location : East 156th Street Canopy								
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$22,500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Connector Building Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Roofs Parapets								
Explanation : One Week To Final Completion								
Copper/Terne	30%			2081	* *	5	$28,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main School Roof								
Explanation : One Week To Final Completion								
Metal Rail	50%			2051	* *	5-10	$177,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Roofs								
Explanation : One Week To Final Completion								
No Component	15%							

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Modified Bitumen	100%			2041	* *	10	$82,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Roofs								
Explanation : One Week To Final Completion								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : All Canopies								
Interior								
Floors								
Cast in Place Concrete	5%	4+	$12,500	LIFE	* *	5	$16,100	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement Mechanical Rooms								
Ceramic Tile	5%	Now	$41,500	2034	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$5,700	
Vinyl Tile	15%	Now	$12,200	2031	$609,500	3	$8,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement Locker Room								
Vinyl Tile 9" X 9"	65%	Now	$843,700	2041	* *	3	$35,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Second Floor Corridor, Classrooms And Auditorium								
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Stairwell Landings								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%			2046	* *	5	$13,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$18,400	2034	* *	5	$3,400	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Bathroom First Floor								
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Bathroom First Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Bathroom First Floor								
Concrete Masonry Unit	10%	4+	$25,200	LIFE	* *	5	$5,400	
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Masonry: Brick	5%			LIFE	* *			
Granite Panels	2%	2-4	$24,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Radiator Panel Edges On First Floor								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : At Radiator Panels On First Floor								
Explanation : Stained								
Plaster	53%	2-4	$34,600	LIFE	* *	5	$21,300	
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Auditorium Wall								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Gymnasium Office								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%	2-4	$35,500	2036	* *	5	$27,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Exposed Struc: Concrete	55%			LIFE	* *	5	$12,600	
Metal Panel	5%	2-4	$73,100	LIFE	* *	5	$9,200	
Misaligned/Bulging, Extent : Light, Area Affected : 50%								
Location : Kitchen								
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$9,200	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	50%			2051	* *			
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : East 156th Street								
Explanation : Under Construction								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%			2048	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : E 156th Street								
Explanation : Recently Replaced								
Cast in Place Concrete	50%	Now	$5,500	2036	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Cortlandt Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Activity Yard								
Cast in Place Concrete	20%			2048	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Courtyard								
Explanation : Recent Replacement								
Cast in Place Concrete	30%	Now	$19,600	2036	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 25%								
Location : Courtyard								
Under Construction	50%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	85%			2030	$203,600	5	$2,000	
Molded Case Bkrs	5%			2047	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	2-4	$218,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2031	$58,300	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$80,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2036	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Egress Lighting								
Emergency, Battery	30%			2026	$45,300	10	$6,500	
Emergency, Battery	20%			2039	* *	10	$4,300	
Exit, Service	40%			2039	* *	1		
Exit, Service	10%			2026	$3,900	1		
Exterior Lighting								
HID	30%			2026	$126,000	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$46,400	1-3	$11,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$27,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	10%			2036	* *	1	$4,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : 1 Unit, For Auditorium								
Steam Boiler	90%			2036	* *	1	$80,200	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	10%			2039	* *	4	$400	
Central Plant Steam Piping/Pmp	90%	0-2	$113,900	2041	* *	4	$4,000	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : 3 Leaks In Boiler Area								
Terminal Devices								
Air Handler	20%			2031	$338,700	1	$11,100	
Convector/Radiator	80%	0-2	$29,400	2036	* *	1	$20,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Few Reported Leaks								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2026	$204,600	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$35,100	
No Component	30%							
Exhaust Fans								
Interior	10%			2031	$39,900	2	$300	
Roof	70%			2039	* *	2	$1,900	
Recent Installation, Extent : N/A, Area Affected : 90%								
Location : New Roof Exhaust Fans								
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$435,200	4	$8,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	0-2	$3,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Water Leaking From Upper Floor To Cafeteria. Reported Sink Blockage								
Sump Pump(s)								
Non-Submersible	100%			2026	$18,000	4	$1,900	
Sewage Ejector(s)								
Electric	100%			2039	* *	4	$3,600	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 10%								
Location : Leaking Faucets At Various Locations.								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$37,300	1-2	$800	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 290 - BK**		
Address	: **135 SCHENCK AVENUE BTWN: FULTON ST., ATLANTIC AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K290**
Program / Asset #	: **BOE0577.000 / 1264**	**Yr Built/Renovated**	: **1979 / 2002**
Area Sq Ft	: **45,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,Ph**		
Block	: **3949** **Lot** : **18**	**BIN**	: **3087821**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$79,200
Interior Architecture		$1,700,600
Electrical	$210,000	$420,300
Mechanical	$973,800	$1,695,500
Total	**$1,183,800**	**$3,895,600**
Importance Code A	$235,300	$79,200
Importance Code B	$948,400	$3,816,400
Total	**$1,183,800**	**$3,895,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$16,500	$4,700	
Interior Architecture	$6,800	$14,700		$6,800
Electrical	$11,100	$44,400	$1,000	$800
Mechanical	$29,500	$50,200	$31,700	$10,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$51,300**	**$129,700**	**$41,300**	**$21,900**
Importance Code A		$21,100	$9,200	$4,500
Importance Code B	$51,300	$102,500	$32,200	$17,400
Importance Code C		$6,200		
Total	**$51,300**	**$129,700**	**$41,300**	**$21,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$79,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	10%			2050	* *	5-10	$60,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Windows								
Aluminum	100%			2046	* *	5	$9,400	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$12,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed Below, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	5%			2043	* *	5-10	$13,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2038	* *	10	$38,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2043	* *	5	$7,700	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$22,400	
Ceramic Tile	5%			2033	$192,400	5	$3,400	
Vinyl Tile	80%			2030	$1,508,200	3	$27,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	68%			LIFE	* *	5	$48,000	
Metal Panel	25%			LIFE	* *			
Operable Wall	2%			2040	* *	5	$12,400	
Ceilings								
AcousTileConcealSpLn	20%			2035	* *	5	$17,100	
AcousTileSusp.Lay-In	65%			2043	* *	5	$44,400	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$4,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2040	* *			
Iron Picket	50%			2050	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	70%			2039	* *			
Rubber Matting	30%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$130,000	5	$200	
Fused Disc Sw	20%			2040	* *	5		
Raceway								
Conduit	90%			2030	$72,900	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	12%			2029	$16,800	5	$100	
Molded Case Bkrs	78%			2029	$109,000	5	$900	
Molded Case Bkrs	10%			2038	* *	5	$100	
Wiring								
Thermoplastic	90%			2030	$95,000	1		
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	2%			2030	$13,400	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : T-5 Lamps								
Fluorescent	98%			2038	* *	10	$40,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Type Lighting Fixtures Installed In 2015.								
Egress Lighting								
Emergency, Battery	50%			2025	$37,800	10	$5,400	
Exit, Service	50%	0-2	$9,700	2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Incandescent Fixture Which Required Frequent Maintenance.								
Exterior Lighting								
HID	100%	2-4	$210,000	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Obsolete Lighting Fixtures Which Required Constant Maintenance.								
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$3,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$5,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$104,600	5	$13,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Of 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	4+	$235,300	2050	* *	1	$40,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2030	$360,400			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	4+	$398,300	2040	* *	1	$18,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Mechanical Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units Of 100 Tons Each								
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2030	$36,400	4	$1,100	
Ductwork/Diffusers	50%			LIFE	* *	2	$29,300	
Terminal Devices								
Air Handler/Cool/Ht	100%	4+	$261,900	2030	$873,200	1	$25,000	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Thermostats Inadequate To Control Heat								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Heat Rejection								
Air Cooled Condenser Unit	100%	4+	$78,200	2040	* *	2	$25,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 2 Air Condenser Units On Extended Life								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,100	
Exhaust Fans								
Interior	70%	0-2	$7,000	2030	$139,700	2	$800	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 2 Fans In The Basement								
Roof	30%			2025	$26,200	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2040	* *	1		
Galvanized Steel	75%	Now	$21,500	2035	* *	1		
Broken, Extent : Severe, Area Affected : 20%								
Location : Valves In Basement And Booster Pumps								
Corroded, Extent : Severe, Area Affected : 10%								
Location : Water Main At Valves								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Water Main At Valves								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2030	$217,600	4	$4,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$9,000	4	$1,000	
Sewage Ejector(s)								
Electric	100%			2030	$23,600	4	$1,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$22,700	
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 290 - M**
Address : **311 EAST 82 STREET @SECOND AVE.**
Borough : **MANHATTAN**
Program / Asset # : **BOE0113.000 / 2768**
Area Sq Ft : **49,523**
Date of Survey : **12-Mar-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **1545** **Lot** : **5**
Agency's Number : **M190**
Yr Built/Renovated : **1903 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **1049876**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$147,600	
Interior Architecture	$142,600	$1,336,200
Electrical	$7,400	$247,400
Mechanical	$322,700	$802,100
Total	**$620,300**	**$2,385,600**
Importance Code A	$320,300	
Importance Code B	$157,500	$2,385,600
Importance Code C	$142,600	
Total	**$620,300**	**$2,385,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,500	$6,000		
Interior Architecture	$73,500	$9,000		$9,100
Electrical	$24,300	$1,400	$1,900	$136,700
Mechanical	$36,000	$7,700	$11,800	$24,200
Site Enclosure	$600			
Total	**$199,900**	**$24,100**	**$13,700**	**$170,000**
Importance Code A	$65,500	$10,900	$4,900	$5,000
Importance Code B	$106,800	$5,800	$8,800	$165,000
Importance Code C	$27,500	$7,300		
Total	**$199,900**	**$24,100**	**$13,700**	**$170,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$27,400	
Masonry: Brick	85%	0-2	$76,800	LIFE	* *	5	$46,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 501, 507, 4th Floor Multipurpose, Basement Foundation Wall								
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Windows								
Aluminum	100%	Now	$17,000	2048	* *	5	$3,600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 5%								
Location : Various Classrooms								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,200	
Masonry: Brick	70%	Now	$48,600	LIFE	* *	5	$7,700	
Spalling, Extent : Severe, Area Affected : 5%								
Location : Cafeteria Roof								
Metal Rail	5%			2045	* *	5-10	$9,900	
Pre-Cast Concrete	20%			LIFE	* *	5	$13,800	
Roof								
Built-Up (BUR)	90%	Now	$70,800	2037	* *			
Vegetation Growth, Extent : Severe, Area Affected : 20%								
Location : Lower Roof Of Cafeteria								
Copper/Terne	5%			2060	* *	10	$2,800	
Skylight, Metal/Glass	5%			2052	* *	10	$3,700	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$5,500	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridors								
Ceramic Tile	5%			2035	* *	5	$3,200	
Panel/Paver: Cer/Brk	5%			2048	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$2,500	
Vinyl Tile	75%	Now	$26,700	2032	$1,336,200	3	$18,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Stair Landings And Classrooms								
Wood	5%			2047	* *	5	$6,000	

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	4+	$26,900	2035	* *	5	$4,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairwells. Perimeter Walls								
Folding Partition	3%			2040	* *	5	$14,700	
Glass: Single Pane	5%			LIFE	* *	5	$7,300	
Glass: Single Pane	2%			LIFE	* *	5	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Corridor								
Explanation : Stained Glass Interior Windows.								
Masonry: Brick	15%			LIFE	* *			
Masonry: Fieldstone	5%	0-2	$90,200	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement Foundation Walls								
Explanation : Water Penetration								
Plaster	55%	Now	$52,400	LIFE	* *	5	$32,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Girls Bathroom In Cafeteria								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Girls Bathroom In Cafeteria								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,000	
Masonry: Vault Struct	5%	4+	$4,500	LIFE	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Plaster	80%			LIFE	* *	5	$32,200	
Plaster	5%	Now	$9,800	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement Ceilings Throughout.								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Closets In Room 501, 507, 508 And Girls Bathroom								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	80%	Now	$600	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard Wall								
Chain Link	20%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Activity Yard								
Rubber Matting	50%			2032				
Traffic Topping	50%			2032				

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2042	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 100 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$200	
Raceway								
Conduit	80%			2032	$64,800	1		
Conduit	20%			2042	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$11,200	5	$100	
Fused Disc Sw	2%			2040	* *	5		
Molded Case Bkrs	60%			2031	$83,800	5	$800	
Molded Case Bkrs	30%			2040	* *	5	$400	
Wiring								
Thermoplastic	80%			2032	$84,400	1		
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$300	
Locally Mounted	20%			2030	$14,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	97%			2037	* *	10	$44,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2027	$7,400	10	$500	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : All Janitors Closet								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$41,600	10	$6,000	
Exit, Service	50%			2027	$10,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2027	$23,100	10		
HID	10%	Now	$23,100	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$9,300	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$9,300	1	$1,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$38,300	1-3	$9,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Smoke Detector And Fire Alarm								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2042	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$172,700	2037	* *	1	$44,100	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Boiler Plate Severe Corrosion								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room. Boiler Tubes Leaking								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Natural Gas Fired Steam Boiler 1 Abandoned In Place Coal Burning Steam Boiler								
Distribution								
Steam Piping/Pump	100%	Now	$7,900	2032	$396,600			
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Misssing Thermostat Ib 202a, 208 And 304								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement. Vacuum Pump Recently Installed								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Explanation : Corroded And Leaking At Vacuum Pump And Refeeding Tank.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	0-2	$9,300	2032	$186,400	1	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Room								
Convector/Radiator	70%	Now	$14,200	2037	* *	1	$10,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Leaking Radiator At Rooms 208, 307 And 501								
Unit Heater - Steam	10%			2032	$28,100	4	$700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2032	$58,800			
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Roof								
Window/Wall Unit	80%	0-2	$3,000	2027	$150,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various. 5 Percent Of Window, Wall Air Conditioning Units Are Not Working								
No Component	15%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2032	$64,200	1	$800	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2032	$11,100	2	$1,700	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,600	
Exhaust Fans								
Roof	100%			2032	$96,100	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantaneous With 750 Gallon Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2037	* *	1	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2052	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 295 / M.S. 443 - BK (K845)**		
Address	: **330 18 STREET @ PROSPECT EXPY.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K845**
Program / Asset #	: **BOE0402.010 / 1396**	**Yr Built/Renovated**	: **1905 / 2013**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **880** **Lot** : **1**	**BIN**	: **3331274**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$900,900	$135,000
Interior Architecture	$2,131,100	$9,598,100
Electrical		$363,700
Mechanical	$223,900	$1,639,500
Total	**$3,256,000**	**$11,736,300**
Importance Code A	$900,900	$135,000
Importance Code B	$961,800	$11,492,200
Importance Code C	$1,393,300	$109,000
Total	**$3,256,000**	**$11,736,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$74,300			
Interior Architecture	$38,800		$35,400	$16,800
Electrical	$56,800	$7,900	$10,600	$7,900
Mechanical	$58,500	$12,000	$15,200	$12,000
Total	**$228,400**	**$19,900**	**$61,300**	**$36,700**
Importance Code A	$82,700	$8,400	$8,400	$8,400
Importance Code B	$139,300	$11,500	$52,900	$21,900
Importance Code C	$6,400			$6,400
Total	**$228,400**	**$19,900**	**$61,300**	**$36,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 295 / M.S. 443 - BK (K845)

Asset # : 1396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$73,500	
Masonry: Brick	90%	2-4	$697,500	LIFE	* *	5	$84,700	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%								
Location : Lintels								
Masonry: Limestone	5%			LIFE	* *	5	$7,100	
Windows								
Aluminum	99%	4+	$69,400	2049	* *	5	$14,600	
Hardware Missing, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Louvers	1%			2042	* *	10	$1,800	
Parapets								
Masonry: Brick	80%	Now	$134,000	LIFE	* *	5	$10,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Chimney And North Corner								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%			2053	* *	5	$5,100	
Pre-Cast Concrete	10%	0-2	$2,200	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Parapet Coping								
Roof								
Built-Up (BUR)	55%			2038	* *	10	$50,300	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Around Drains								
Copper/Terne	5%			2061	* *	10	$11,400	
Paver: Asphalt	25%	4+	$31,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 19th Street								
Plaza Roof: Stone Panels	15%			2053	* *			
Interior								
Floors								
Cast in Place Concrete	20%	2-4	$257,300	LIFE	* *	5	$66,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2042	* *	5	$7,600	
Mosaic Tile	2%			2038	* *	5	$7,600	
Sheet Vinyl/Rubber	13%	0-2	$25,700	2038	* *	5	$14,700	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Corridors								
Vinyl Tile 9" X 9"	35%			2028	$9,342,500	3	$26,500	
Wood	25%			2036	* *	5	$70,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 295 / M.S. 443 - BK (K845)
Asset # : 1396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$12,800	
Masonry: Brick	10%	Now	$977,100	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Basement								
Plaster	11%	Now	$274,600	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	64%			LIFE	* *	5-10	$139,500	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$6,400	
Wood	5%			LIFE	* *	5	$102,600	
Ceilings								
Exposed Struc: Concrete	15%	0-2	$339,900	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Basement								
Explanation : Metal Barrel Vault Ceiling								
Plaster	85%			LIFE	* *	5-10	$220,900	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2043	* *			
Iron Picket	70%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Disconnect Switches Rated At 1,600 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Vertical Sections								

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DEPARTMENT OF EDUCATION - 040

P. S. 295 / M.S. 443 - BK (K845)

Asset # : 1396

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	50%			2033	$100,900	1		
Conduit	45%			2043	* *	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$2,000	
Molded Case Bkrs	5%			2049	* *	5	$100	
Wiring								
Thermoplastic	85%			2043	* *	1		
Thermoplastic	10%			2033	$29,200	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$74,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$10,300	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	20%	Now	$47,600	2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Back And Front								
Explanation : Control By Photo Cell								
No Component	80%							
Alarm								
Security System								
Generic	100%			2028	$159,600	1	$31,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$52,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Staircases								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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DEPARTMENT OF EDUCATION - 040
P. S. 295 / M.S. 443 - BK (K845)
Asset # : 1396

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$84,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	$680,700			
Terminal Devices								
Air Handler	6%			2041	* *	1	$3,200	
Air Handler	14%	0-2	$223,900	2043	* *	1	$6,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Coils								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	80%			2031	$556,100	1	$22,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$193,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$37,500	
No Component	50%							
Exhaust Fans								
Interior	40%	Now	$30,200	2028	$150,800	2	$800	
Obsolete Equipment, Extent : Moderate, Area Affected : 50%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	30%			2033	$49,500	2	$800	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit With One 120 Gallon Tank								

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DEPARTMENT OF EDUCATION - 040

P. S. 295 / M.S. 443 - BK (K845)

Asset # : 1396

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,600	4	$2,700	
Fixtures								
Generic	100%							
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Explanation : Broken Fixtures								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$58,800	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 297 - BK**		
Address	: **700 PARK AVENUE @ TOMPKINS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K297**
Program / Asset #	: **BOE0582.000 / 1269**	**Yr Built/Renovated**	: **1959 / 2018**
Area Sq Ft	: **104,966**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1739** **Lot** : **11**	**BIN**	: **3048508**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,956,300	$3,150,200
Interior Architecture	$1,142,900	$4,255,100
Electrical	$273,500	$2,599,100
Mechanical	$804,400	$3,691,800
Total	**$4,177,000**	**$13,696,200**
Importance Code A	$2,170,300	$4,065,100
Importance Code B	$1,864,800	$9,631,100
Importance Code C	$141,900	
Total	**$4,177,000**	**$13,696,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$35,800		$19,500	
Interior Architecture	$130,100		$11,600	$15,100
Electrical	$20,900	$9,800	$11,100	$12,200
Mechanical	$42,300	$21,800	$23,200	$14,500
Site Pavements	$9,300			
Total	**$238,400**	**$31,600**	**$65,400**	**$41,700**
Importance Code A	$38,100	$10,400	$29,900	$10,400
Importance Code B	$155,900	$21,200	$35,500	$31,400
Importance Code C	$44,400			
Total	**$238,400**	**$31,600**	**$65,400**	**$41,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	86%			LIFE	* *	5	$140,800	
Masonry: Limestone	2%			LIFE	* *	5	$2,500	
Metal Panel	10%			2053	* *	5-10	$56,300	
Granite Panels	2%			LIFE	* *	5	$2,500	
Windows								
Aluminum	98%	Now	$906,600	2058	* *	5	$9,500	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 25%								
Location : East Facade								
Explanation : Original Aluminum. Windows, Single Pane.								
Metal Louvers	2%	Now	$21,500	2048	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Areaway At Boiler Room								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Areaway At Boiler Room								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$64,800	
Masonry: Limestone	5%			LIFE	* *	5-10	$7,200	
Metal Rail	15%			2046	* *	5-10	$32,100	
Roof								
IRMA/Protected Membrane	98%	Now	$923,900	2033	$3,079,800			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%	Now	$1,900	2046	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								

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DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast in Place Concrete	100%	2-4	$3,400	LIFE	* *	5	$14,500	
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Around Perimeter								
Interior								
Floors								
Carpet	5%			2032	$142,100	3	$12,100	
Cast in Place Concrete	5%			LIFE	* *	5	$35,200	
Ceramic Tile	5%	Now	$22,700	2042	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Staff Toilets, Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets, Kitchen								
Terrazzo	5%			LIFE	* *	5	$12,600	
Vinyl Tile	60%	0-2	$53,300	2038	* *	3	$36,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair Landing, Classrooms, Cafeteria								
Vinyl Tile 9" X 9"	15%	Now	$851,000	2028	$4,255,100	3	$9,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%			2061	* *	5	$15,100	
Interior Walls								
Ceramic Tile	3%	2-4	$6,100	2042	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Staff Toilets								
Concrete Masonry Unit	10%	Now	$86,400	LIFE	* *	5	$7,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								
Marble Panels	2%			LIFE	* *	10	$1,500	
Plaster	55%			LIFE	* *	5-10	$85,900	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$27,600	
Ceilings								
AcousTile,Adhered	20%			2038	* *	5	$32,100	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	55%			LIFE	* *	5-10	$110,500	
Metal Panel	5%	0-2	$13,300	LIFE	* *	5	$10,000	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	20%			LIFE	* *	5-10	$55,200	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	5%			2053	* *			
Iron Picket	95%			2053	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 2%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : North Side								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$9,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Dumpster								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2043	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 100 Ampere Emergency Lighting Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$500	
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2053	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	7%			2032	$16,800	5	$200	
Fused Disc Sw	3%			2032	$7,200	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Aged Panelboard								
Molded Case Bkrs	70%			2041	* *	5	$1,900	
Molded Case Bkrs	20%			2032	$47,900	5	$600	
Wiring								
Braided Cloth	80%	0-2	$273,500	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$700	
Aged Component, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$1,502,100	10	$92,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	20%			2033	$35,200	10	$5,100	
Emergency, Battery	30%			2028	$52,900	10	$7,600	
Exit, Service	45%			2028	$20,400	1		
Exit, Service	5%			2041	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Exterior Lighting								
HID	10%			2028	$49,000	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$197,000	1	$39,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallway, Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$270,800	1-3	$66,600	

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DEPARTMENT OF EDUCATION - 040
P. S. 297 - BK
Asset # : 1269

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 12,000 Gallons								
Conversion Equipment								
Steam Boiler	78%	Now	$214,100	2031	$713,600	1	$73,000	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Number 2 Safety Valve In Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. Condensate Return Pump Reportedly Undersized. No Boiler Water Make-up System. Boiler Manually Filled.								
Steam Boiler	22%			2031	$201,300	1	$22,900	
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$590,300	2043	* *	4	$5,200	
Leak Evident, Extent : Severe, Area Affected : 40%								
Location : 2 Condensate Pumps In Basement								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Radiator Thermostats Throughout								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Thermostatic Traps At Radiators Throughout								
Terminal Devices								
Air Handler	20%			2028	$395,100	1	$13,000	
Convector/Radiator	80%			2031	$686,700	1	$27,100	
Controls								
Electrical	20%			2031	$116,700			
Pneumatic	80%			2034	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	1%			2033	$24,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Server Room And Roof								
Explanation : Serves Intermediate Distribution Frame Room								
Window/Wall Unit	90%			2028	$357,900	1		
No Component	9%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2028	$93,100	2	$600	
Roof	80%			2028	$162,900	2	$2,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$402,000	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$507,600	4	$15,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$21,000	4	$3,300	
Sewage Ejector(s)								
Electric	100%			2033	$55,000	4	$6,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$43,500	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 298 - BK**
Address : **85 WATKINS STREET BTWN: PITKIN AVE., GLENMORE AVE.**
Borough : **BROOKLYN**
Agency's Number : **K298**
Program / Asset # : **BOE0583.000 / 1270**
Yr Built/Renovated : **1960 / 2010**
Area Sq Ft : **81,000**
Project Type : **EDUCATION**
Date of Survey : **12-Mar-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **3507** **Lot** : **7**
BIN : **3080768**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$571,400	$203,200
Interior Architecture	$3,407,800	
Electrical	$279,500	$1,558,200
Mechanical	$1,417,500	$837,000
Total	**$5,676,200**	**$2,598,400**
Importance Code A	$995,000	$203,200
Importance Code B	$4,590,800	$2,395,200
Importance Code C	$90,500	
Total	**$5,676,200**	**$2,598,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$31,700		
Interior Architecture	$81,000	$5,800	$9,200	$2,300
Electrical	$10,300	$12,400	$7,800	$7,600
Mechanical	$53,500	$26,400	$15,400	$12,400
Site Enclosure	$16,600			
Site Pavements	$3,400			
Total	**$164,900**	**$76,300**	**$32,300**	**$22,300**
Importance Code A		$39,900	$8,000	$8,000
Importance Code B	$83,700	$36,400	$24,300	$14,300
Importance Code C	$81,200			
Total	**$164,900**	**$76,300**	**$32,300**	**$22,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$53,900	
Masonry: Brick Cavity	80%			LIFE	* *	5	$91,900	
Metal Panel	10%			2050	* *	5-10	$79,000	
Windows								
Aluminum	95%	Now	$500,300	2046	* *	5	$13,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$900	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$1,600	
Metal Panel	10%			2050	* *	5	$1,600	
Metal Rail	20%			2043	* *	5-10	$14,700	
Metal Security Bars	15%			2065	* *			
Pre-Cast Concrete	15%			LIFE	* *	5	$3,800	
Roof								
Built-Up (BUR)	95%			2035	* *	10	$71,200	
Copper/Terne	5%			2065	* *	10	$9,400	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	12%			LIFE	* *	5	$32,200	
Ceramic Tile	5%			2039	* *	5	$6,100	
Terrazzo	3%	Now	$6,900	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair In Lobby								
Vinyl Tile	60%			2035	* *	3	$27,600	
Vinyl Tile 9" X 9"	15%	Now	$65,000	2025	$3,252,300	3	$6,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Classrooms Throughout								
Wood	5%			2045	* *	5	$11,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$13,800	2039	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Kitchen								
Concrete Masonry Unit	10%	2-4	$47,300	LIFE	* *	5	$10,100	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Glazed Ceramic Panel	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$37,700	
SGFT/Glazed Masonry	20%	0-2	$90,500	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Stairs 1 And 2 Between 2nd And 3rd Floors								
Ceilings								
AcousTileConcealSpLn	25%	Now	$9,900	2043	* *	5	$19,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Library								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Library								
Exposed Struc: Concrete	45%			LIFE	* *	5	$8,600	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2035	* *			
Metal Panel	5%			LIFE	* *	5	$7,700	
Plaster	15%			LIFE	* *	5	$11,500	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Iron Picket	75%	0-2	$16,600	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	90%	0-2	$3,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Steps To Playground								
Masonry: Granite	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%			2039	* *			
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2030	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency Lighting								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$300	
Raceway								
Conduit	100%			2030	$201,800	1		
Panelboards								
Fused Toggle Switch	2%			2029	$4,800	5		
Molded Case Bkrs	80%			2029	$191,600	5	$1,700	
Molded Case Bkrs	18%			2046	* *	5	$400	
Wiring								
Thermoplastic	80%			2030	$233,400	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$66,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 90%								
Location : Throughout The Building								
Fluorescent	5%			2035	* *	10	$3,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Basement								
LED	5%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	10%			2030	$5,000	1		
Emergency, Battery	40%			2030	$54,400	10	$7,800	
Exit, Service	1%			2025	$300	1		
Exit, Battery	49%			2035	* *	10	$2,700	
Exterior Lighting								
HID	1%	Now	$800	2030	$3,800			
Sensor/Timer Malfunction, Extent : Light, Area Affected : 1%								
Location : Electrical Room								
HID	99%			2030	$374,200	10	$200	
Alarm								
Security System								
Generic	100%			2030	$152,100	1	$30,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	3%	Now	$1,300	2025	$6,300	1-3	$1,400	
Devices Damaged, Extent : Light, Area Affected : 1%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement								
Explanation : Pull Station Number 17 Is Not Operational								
Generic, Analog	97%			2025	$202,700	1-3	$48,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$188,400	5	$25,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$423,600	2050	* *	1	$72,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Both Boilers In Boiler Room.								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. Boiler No 1 Has No Pressuretrol And Shell Is Deteriorating.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$32,400	2030	$648,600			
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pump In South Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Vacuum Pumps								
Terminal Devices								
Air Handler	25%	Now	$76,200	2025	$381,100	1	$11,300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Cafeteria Unit In Basement Fan Room								
Convector/Radiator	70%			2035	* *	1	$18,300	
Unit Heater - Steam	5%			2030	$23,000	4	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$61,400	2025	$153,400	1		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$18,100	
No Component	60%							
Exhaust Fans								
Interior	30%			2025	$107,800	2	$700	
Roof	70%			2025	$110,000	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$104,000	2040	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Explanation : Faulty Branch Valves								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Area Drain Backs Up In Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2030	$16,200	4	$1,700	
Sewage Ejector(s)								
Electric	100%	Now	$12,700	2030	$42,400	4	$3,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%	2-4	$700	2030	$36,200	1	$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Points Of Service. South Service Valve Corroding.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$700	
Chemical System								
No Component	98%							
Generic	2%	Now		2025	$1,600	1-3	$1,400	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Control Valve Manually Operated In Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 299 - BK**		
Address	: **88 WOODBINE STREET BTWN: EVERGREEN AVE., BUSHWICK A**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K299**
Program / Asset #	: **BOE0584.000 / 1271**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3358** **Lot** : **1**	**BIN**	: **3076734**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$534,100	$842,900
Interior Architecture	$8,349,200	$676,900
Electrical	$317,500	$892,000
Mechanical	$618,400	$755,700
Site Pavements		$89,600
Total	**$9,819,300**	**$3,257,100**
Importance Code A	$534,100	$842,900
Importance Code B	$9,067,200	$1,835,900
Importance Code C	$218,000	$578,300
Total	**$9,819,300**	**$3,257,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$70,600			
Interior Architecture	$205,600	$18,200	$7,900	$5,500
Electrical	$3,900	$32,700	$3,900	$2,900
Mechanical	$65,700	$12,700	$21,000	$15,300
Site Enclosure	$10,400			
Total	**$356,100**	**$63,700**	**$32,800**	**$23,600**
Importance Code A	$79,000	$8,600	$8,400	$8,400
Importance Code B	$155,000	$55,100	$24,400	$15,200
Importance Code C	$122,100			
Total	**$356,100**	**$63,700**	**$32,800**	**$23,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$12,700	
Masonry: Brick	95%	Now	$85,000	LIFE	* *	5	$51,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$347,400	2046	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	50%	Now	$14,000	LIFE	* *	5	$5,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	Now	$3,400	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Rail	45%			2043	* *	5-10	$89,700	
Roof								
Built-Up (BUR)	70%	Now	$101,800	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Cafeteria, Rooms 421, 425								
Copper/Terne	5%	Now	$16,400	2058	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Stair K And L								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 40%								
Location : Stairwell								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stairwell C And D								
IRMA/Protected Membrane	25%	Now	$36,800	2030	$736,800			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$10,700	LIFE	* *	5	$13,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	Now	$42,700	2039	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 45%								
Location : Throughout, Boys Toilets Second, Third, And Fourth Floors								
Terrazzo	2%			LIFE	* *	5	$2,000	
Vinyl Tile	50%			2035	* *	3	$23,700	
Vinyl Tile 9" X 9"	35%	Now	$156,100	2025	$7,804,800	3	$16,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			2045	* *	5	$11,800	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	10%	Now	$32,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Ceramic Tile	5%	Now	$115,700	2033	$578,300	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Boys Restrooms								
Concrete Masonry Unit	10%	Now	$39,500	LIFE	* *	5	$8,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Bulkheads, Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Bulkheads								
Glazed Ceramic Panel	5%	Now	$40,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Wall								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Wall								
Marble Panels	5%			LIFE	* *			
Plaster	40%	Now	$102,300	LIFE	* *	5	$25,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$16,300	2043	* *	5	$12,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileConcealSpLn	10%			2035	* *	5	$15,800	
AcousTileSusp.Lay-In	7%			2035	* *	5	$8,800	
Exposed Struc: Concrete	45%	Now	$170,400	LIFE	* *	5	$8,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout, Room 106								
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	5%	Now	$4,900	2030	$98,500			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%	0-2	$19,200	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	20%	2-4	$800	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Iron Picket	80%	2-4	$9,600	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	60%			2050	* *			
Masonry: Brick	40%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%			2043	* *			
Pavers/Stone	5%			2039	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2035	* *			
Pavers/Stone	10%			2039	* *			
Activity Yard								
Asphalt	80%			2033	$89,600			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2030	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches.								
Fused Disc Sw	10%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	$227,600	5	$2,200	
Raceway								
Conduit	97%			2030	$195,700	1		
Conduit	3%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	80%			2029	$191,600	5	$1,800	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	30%	2-4	$87,500	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	60%			2030	$175,000	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2043	* *	5	$400	
Locally Mounted	30%			2028	$35,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	5%			2040	* *	10	$3,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room - Basement								
Fluorescent	85%			2038	* *	10	$66,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Type Lamps Installed In 2016.								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Auditorium, Kindergarten								
Explanation : LED Fixtures Installed In 2016.								
Egress Lighting								
Emergency, Battery	50%			2025	$71,300	10	$10,300	
Exit, Service	50%			2025	$18,300	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	40%	Now	$158,600	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior Fixtures Are Not Operational.								
No Component	60%							
Alarm								
Fire/Smoke Detection								
No Component	40%							
Generic, Digital	60%			2035	* *	1-3	$31,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2056	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$84,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	98%			2050	* *	4	$4,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Central Plant Steam Piping/Pmp	2%	0-2	$28,700	2060	* *	4	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Vacuum Pumping System								
Terminal Devices								
Air Handler	20%			2025	$319,900	1	$10,500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Convector/Radiator	80%			2028	$556,100	1	$22,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	2%			2028	$6,400	1		
Window/Wall Unit	60%	Now	$115,900	2030	$193,200	1		
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	38%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	
Exhaust Fans								
Interior	20%			2025	$75,400	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Roof	15%	Now	$24,700	2040	* *	2	$300	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Roof								
Roof	65%			2025	$107,200	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,800	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,400	
Backflow Preventer								
Generic	100%			2035	* *	1	$5,200	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2040	* *	1-2	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 30 - BX**		
Address	: **510 EAST 141 STREET @BROOK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X030**
Program / Asset #	: **BOE0177.000 / 481**	**Yr Built/Renovated**	: **1924 / 2012**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2267** **Lot** : **15**	**BIN**	: **2000077**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$280,500	$930,700
Interior Architecture	$520,100	$1,963,800
Electrical	$420,900	$2,149,500
Mechanical	$2,330,900	$2,628,400
Site Pavements	$70,600	
Total	**$3,623,000**	**$7,672,300**
Importance Code A	$928,400	$930,700
Importance Code B	$2,358,800	$6,741,600
Importance Code C	$335,800	
Total	**$3,623,000**	**$7,672,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,300			
Interior Architecture	$249,100	$2,800		$11,400
Electrical	$4,400	$7,800	$8,200	$10,400
Mechanical	$109,500	$14,100	$16,400	$10,400
Total	**$405,300**	**$24,700**	**$24,600**	**$32,200**
Importance Code A	$42,300	$7,400	$7,400	$7,400
Importance Code B	$301,200	$17,400	$17,300	$24,900
Importance Code C	$61,800			
Total	**$405,300**	**$24,700**	**$24,600**	**$32,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$10,900	LIFE	* *	5	$53,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Original Wing								
Masonry: Brick	95%	Now	$214,100	LIFE	* *	5	$130,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Original Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms Of Original Wing								
Windows								
Aluminum	100%			2049	* *	5	$28,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$17,900	
Masonry: Brick	90%			LIFE	* *	5-10	$77,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,900	
Roof								
Built-Up (BUR)	100%			2033	$688,300	10	$59,000	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$24,300	
Ceramic Tile	3%	Now	$18,800	2036	* *	5	$1,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$8,700	
Vinyl Tile	72%	Now	$44,300	2038	* *	3	$30,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%			2028	$1,963,800	3	$5,600	
Wood	5%			2068	* *	5	$10,400	
Interior Walls								
Ceramic Tile	3%	Now	$34,000	2036	* *	5	$3,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$8,200	
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	10	$3,100	
Plaster	67%	0-2	$335,800	LIFE	* *	5	$41,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$20,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	0-2	$9,000	2038	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2050	* *	5	$5,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Exposed Struc: Concrete	40%			LIFE	* *	5-10	$55,600	
Metal Panel	5%	Now	$184,300	LIFE	* *	5	$7,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 70%								
Location : Kitchen And Cafeteria								
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Kitchen And Cafeteria								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Kitchen And Cafeteria								
Plaster	40%			LIFE	* *	5-10	$76,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Masonry: Fieldstone	100%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$70,600	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 200 Ampere Emergency Lighting Disconnect Switch								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$227,600	5	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	95%			2033	$191,700	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2032	$215,500	5	$2,000	
Wiring								
Braided Cloth	70%	0-2	$204,200	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2033	$72,900	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	97%			2033	$1,074,900	10	$66,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	$22,200	10	$1,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
Incandescent	1%			2028	$20,600	2		
Egress Lighting								
Emergency, Service	50%			2033	$22,900	1		
Exit, Service	50%			2033	$16,000	1		
Exterior Lighting								
HID	10%			2033	$39,200	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$157,700	1	$31,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors And Panic Doors. Cctv Cameras On 4th Floor								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$216,700	2043	* *	1-3	$47,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$23,000	
Conversion Equipment								
Steam Boiler	100%	0-2	$648,000	2053	* *	1	$66,300	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boilers								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 2 Units In Basement Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$59,500	2033	$595,300			
Broken, Extent : Severe, Area Affected : 5%								
Location : Valve On Main Header Does Not Close								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Condensate Return Does Not Create Vacuum Causing Low Flow And Manual Adjustments								
Terminal Devices								
Air Handler	20%			2033	$279,800	1	$9,200	
Convector/Radiator	80%			2038	* *	1	$19,200	
Controls								
Pneumatic	100%	Now	$81,200	2027	$1,623,400			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium And Auditorium Units Do Not Respond To Temperature Sensors Causing Overheating								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2033	$176,500			
Window/Wall Unit	80%			2028	$225,300	1		
Repairs In Progress, Extent : N/A, Area Affected : 5%								
Location : Classrooms								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2033	$65,900	2	$500	
Roof	80%			2028	$115,400	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Both Water Mains In The Basement Do Not Hold, Isolation Valves Do Not Hold								
Galvanized Steel	80%			2031	$759,200	1		
HW Heat Exchanger								
Steam Fired	100%			2033	$359,500	4	$11,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$16,800	4	$2,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$51,400	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS**		
Address	: **108-55 69 AVENUE @ 110TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q003**
Program / Asset #	: **BOE0671.000 / 4420**	**Yr Built/Renovated**	: **1910 / 2019**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **2218** **Lot** : **21**	**BIN**	: **4052265**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$89,000	$62,200
Mechanical	$50,000	$147,800
Total	**$139,000**	**$210,000**
Importance Code A	$89,000	$62,200
Importance Code B	$50,000	$147,800
Total	**$139,000**	**$210,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$52,400	$1,800		$13,600
Interior Architecture	$48,500	$35,700	$6,800	
Electrical	$13,700	$12,100	$12,000	$35,700
Mechanical	$31,500	$23,000	$39,600	$20,600
Site Pavements	$3,200			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$161,100**	**$84,500**	**$70,200**	**$81,800**
Importance Code A	$57,700	$7,000	$5,200	$19,000
Importance Code B	$92,300	$69,200	$60,000	$62,800
Importance Code C	$11,200	$8,300	$5,000	
Total	**$161,100**	**$84,500**	**$70,200**	**$81,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS
Asset # : 4420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$28,100	
Masonry: Brick	30%	4+	$89,000	LIFE	* *	5	$21,600	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : All Facades Old Wing								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : All Facades Old Wing								
Masonry: Brick Cavity	40%			LIFE	* *	5	$28,800	
Metal Panel	5%			2058	* *	5-10	$24,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$23,400	
Stucco Cement	2%			2045	* *	5	$3,600	
Window Wall	8%			2058	* *	5	$21,600	
Windows								
Aluminum	35%			2048	* *	5	$4,700	
Aluminum	65%			2054	* *	5	$8,800	
Parapets								
Concrete Masonry Unit	25%			LIFE	* *	5	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Inner Parapet								
Explanation : Waterproof Membrane On Concrete Masonry Unit								
Masonry: Brick	30%	4+	$3,500	LIFE	* *	5	$1,400	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Old Wing Inner Parapet								
Masonry: Brick Cavity	20%			LIFE	* *	5	$900	
Masonry: Limestone	8%	4+	$2,300	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Inside Parapet Wall Belt Course								
Metal Panel	5%			2058	* *	5	$900	
Metal Rail	5%			2049	* *	5-10	$4,200	
Pre-Cast Concrete	2%			LIFE	* *	5	$600	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,500	
Roof								
Built-Up (BUR)	30%	Now	$39,600	2037	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Old Wing Above Room 317								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Old Wing Roof								
Copper/Terne	3%			2060	* *	10	$8,500	
IRMA/Protected Membrane	55%			2040	* *	10	$62,200	
Modified Bitumen	12%			2037	* *	10	$13,600	
Soffits								
Metal Panel	100%	Now	$1,000	2058	* *	5	$3,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Front Entry New Wing								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS
Asset # : 4420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$39,500	
Ceramic Tile	3%			2041	* *	5	$3,600	
Ceramic Tile	3%			2045	* *	5	$3,600	
Quarry Tile	6%			2049	* *	5	$10,800	
Terrazzo	3%			LIFE	* *	5	$2,800	
Vinyl Tile	30%			2037	* *	3	$13,600	
Vinyl Tile	40%			2040	* *	3	$18,100	
Interior Walls								
Ceramic Tile	9%			2041	* *	5	$9,900	
Ceramic Tile	15%			2045	* *	5	$16,500	
Concrete Masonry Unit	20%			LIFE	* *	5	$8,800	
Gypsum Board	35%			LIFE	* *	5	$23,100	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	1%			LIFE	* *			
Plaster	15%	Now	$8,000	LIFE	* *	5	$5,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 317								
Ceilings								
AcousTileSusp.Lay-In	25%			2045	* *	5	$30,100	
AcousTileSusp.Lay-In	40%			2049	* *	5	$48,200	
Exposed Struc: Concrete	8%			LIFE	* *	5	$1,500	
Exposed Struc: Concrete	7%			LIFE	* *	5	$1,300	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%	Now	$11,000	LIFE	* *	5	$11,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 317								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2058	* *			
Iron Picket	50%			2076	* *			
Retaining Walls								
Cast in Place Concrete	100%			2076	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	80%			2049	* *			
Pavers/Stone	20%			2045	* *			
On-Site Walkways								
Asphalt	70%			2041	* *			
Cast in Place Concrete	25%			2049	* *			
Masonry: Granite	5%	0-2	$3,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Old Wing Entry Stairs								
Parking/Driveway								
Asphalt	100%			2045	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS
Asset # : 4420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	35%			2045	* *			
Cast in Place Concrete	50%			2049	* *			
Rubber Matting	15%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	45%			2052	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.								
Fused Disc Sw	55%			2062	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Newly Installed Main Service Disconnect Switch Rated At 2000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	25%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Two Vertical Sections								
Fused Disc Sw	75%			2062	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Recent Installation								
Raceway								
Conduit	25%			2052	* *	1		
Conduit	75%			2062	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Sections Of The Building								
Explanation : Recent Installation								
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	20%			2048	* *	5	$500	
Molded Case Bkrs	75%			2057	* *	5	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Sections Of The Building								
Explanation : Recent Installation								
Wiring								
Thermoplastic	25%			2052	* *	1		
Thermoplastic	75%			2062	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Sections Of The Building								
Explanation : Recent Installation								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS
Asset # : 4420

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	25%			2045	* *	5	$100	
Variable Frequency Drive	75%			2052	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Sections Of The Building								
Explanation : Recent Installation								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Recent Installation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2052	* *	1	$27,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Recent Installation								
Generators								
Diesel	100%			2047	* *	1	$34,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Newly Installed Emergency Generator Rated At 400 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : New Battery								
Fuel Storage								
Main Tank	100%			2072	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Newly Installed Main Tank Rated At 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	20%			2037	* *	10	$16,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Sections Of The Building								
Explanation : T-8 Lamps								
LED	80%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Sections Of The Building								
Explanation : Recent Installation								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS
Asset # : 4420

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Recent Installation								
Exit, Service	50%			2042	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : New Installation								
Exterior Lighting								
HID	5%			2037	* *	10		
LED	25%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : New Installation								
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2072	* *	5	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : New Installation								
Alarm								
Security System								
No Component	70%							
Generic	30%			2042	* *	1	$9,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : Newly Installed CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2042	* *	1-3	$55,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Newly Installed Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS
Asset # : 4420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	10%			2032	$27,400	1	$4,400	
Hot Water Boiler	70%			2049	* *	1	$30,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Penthouse								
Explanation : 2 Units								
Steam Boiler	20%			2037	* *	1	$17,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Wing Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%			2042	* *			
No Component	80%							
Terminal Devices								
Air Handler	80%			2040	* *	1	$43,500	
Convector/Radiator	20%			2037	* *	1	$5,700	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	60%			2040	* *	1	$24,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 1 Unit. R-410a								
Ext Pkg Unit - Heating/Cooling	10%			2032	$147,800	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Old Wing Roof								
Split Unit	15%			2037	* *			
Window/Wall Unit	15%			2027	$50,000	1		
Distribution								
CW & CHW Wtr Pipe/Pump	60%			2058	* *	4	$2,600	
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2040	* *	1	$32,700	
Fan Coil - 2 Pipe	15%			2037	* *	1	$4,300	
No Component	25%							
Heat Rejection								
Air Cooled Condenser Unit	75%			2040	* *	2	$46,000	
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$36,800	
Ductwork/Diffusers	25%			LIFE	* *	2-5	$12,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS
Asset # : 4420

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	15%			2037	* *	2	$400	
Roof	85%			2040	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,800	
Backflow Preventer								
Generic	100%			2040	* *	1	$5,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Wing Basement To 2nd Floor								
Explanation : 2 Units								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Old Wing 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	30%							
Generic	70%			2058	* *	1-5	$31,100	
Sprinkler								
No Component	30%							
Generic	70%			2058	* *	1-2	$17,300	
Fire Pump								
No Component	30%							
Generic	70%			2045	* *	1	$11,500	
Chemical System								
No Component	99%							
Generic	1%			2031	$4,200	1-3	$3,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 304 - BK**		
Address	: **280 HART STREET @ MARCUS GARVEY BLVD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K304**
Program / Asset #	: **BOE0587.000 / 684**	**Yr Built/Renovated**	: **1962 / 2000**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1773** **Lot** : **14**	**BIN**	: **3049420**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,326,900	$50,500
Interior Architecture	$2,736,400	
Electrical	$204,200	$1,251,200
Mechanical	$2,228,900	$4,722,500
Site Enclosure	$298,800	
Site Pavements	$114,200	$66,200
Total	**$6,909,400**	**$6,090,500**
Importance Code A	$1,326,900	$843,700
Importance Code B	$5,002,300	$5,246,800
Importance Code C	$580,100	
Total	**$6,909,400**	**$6,090,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,000	$1,000	$11,400	
Interior Architecture	$121,600			$11,800
Electrical	$22,600	$8,600	$8,800	$11,300
Mechanical	$200,700	$38,600	$74,500	$70,000
Site Pavements	$76,900			
Total	**$448,800**	**$48,300**	**$94,700**	**$93,100**
Importance Code A	$42,900	$10,000	$20,400	$9,000
Importance Code B	$329,400	$38,200	$74,300	$84,100
Importance Code C	$76,500			
Total	**$448,800**	**$48,300**	**$94,700**	**$93,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	1%	Now	$1,100	LIFE	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout 3rd Floor								
Masonry: Brick	93%	0-2	$207,900	LIFE	* *	5	$50,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$10,700	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	1%	4+	$15,200	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$868,500	2049	* *	5	$18,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout Room								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Rm 328 Missing Glazing Panels								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout Room								
Roof								
Built-Up (BUR)	10%			2038	* *	10	$12,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	85%	2-4	$250,500	2038	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Panel	5%			2046	* *	10	$11,400	
Soffits								
Stucco Cement	100%			2050	* *	5	$2,000	
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Throughout								
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$55,300	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	Now	$35,600	2042	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Toilets And Kitchen, Rooms 324,319								
Terrazzo	5%	2-4	$59,100	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Main Entrance								
Vinyl Tile	60%	4+	$104,700	2038	* *	3	$28,400	
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : 3rd Floor Corridor, Occupational Speech Room								
Vinyl Tile 9" X 9"	15%	Now	$1,672,400	2043	* *	3	$7,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	5%	Now	$7,500	2061	* *	5	$5,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%	0-2	$28,900	2036	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Toilets								
Concrete Masonry Unit	10%	0-2	$98,800	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Gymnasium, Basement And Throughout								
Glazed Ceramic Panel	2%			LIFE	* *	10	$3,800	
Plaster	50%			LIFE	* *	5-10	$89,400	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	33%	Now	$124,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, 3rd Floor Around Window Sills								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair Towers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	2-4	$50,800	2038	* *	5	$15,800	
Adhesion Failure, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Corridor								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor								
Exposed Struc: Concrete	60%	0-2	$568,000	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Basement And Throughout								
Metal Panel	5%	4+	$10,500	LIFE	* *	5	$7,900	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	10%	Now	$7,700	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stairs								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stairs								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$298,800	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Gate Hinges Broken								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$114,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$43,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	50%			2036	* *			
Rubber Matting	50%	2-4	$33,100	2033	$66,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Surface Cracking Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Ampere Emergency Lighting Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2033	$136,500	5	$200	
Fused Disc Sw	40%			2059	* *	5	$200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	80%			2032	$191,600	5	$1,900	
Molded Case Bkrs	10%			2055	* *	5	$200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building (New AC Panelboards)								
Wiring								
Braided Cloth	70%	2-4	$204,200	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$58,300	1		
Thermoplastic	10%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Corroded, Extent : Light, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2038	* *	10	$77,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$4,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Room 3rd Floor And Basement								
LED	2%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2028	$76,400	10	$11,000	
Exit, LED	50%			2068	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
LED	10%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$170,800	1	$34,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Offices And Exit Doors								
Explanation : Intrusion Alarm and Motion Sensor Only								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$234,700	1-3	$57,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$208,800	5	$28,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Oil Tank Room								
Explanation : 2 Tanks 7,500 Gallons Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$15,900	2031	$793,200	1	$81,100	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room - Boiler 2: Handholes Leaking When Running At High Firing; Feedwater Pipe Leaking								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Boiler Room - Boiler 1								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 2 Units, 4,725 Mbh Net Each								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$16,100	
Steam Piping/Pump	80%	Now	$58,300	2033	$583,000			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement - Water / Sprinkler Room, Other Locations								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Stair A / B; Corridor Between Kitchen And Auditorium								
Explanation : No Steam Flow To Radiators								
Terminal Devices								
Air Handler	25%			2028	$428,100	1	$14,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Fan Room: Auditorium And Gymnasium Blower Units								
Convector/Radiator	65%			2031	$483,700	1	$19,100	
Fan Coil Unit/Heat	4%	Now	$54,100	2043	* *	1	$1,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : 1st Floor - Cafeteria, Teachers Lounge								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor - Cafeteria, Teachers Lounge								
Fan Coil Unit/Heat	6%			2038	* *	1	$1,800	
Controls								
Pneumatic	100%	Now	$87,900	2027	$1,758,700			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium, Rooms 330, 328 And Other Locations								
Explanation : Defective Thermostats								
Air Conditioning								
Energy Source								
Electricity	70%			2041	* *	1		
No Component	30%							

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DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Distribution Frame Room								
Explanation : 1 System								
Window/Wall Unit	50%			2031	$172,400	1		
Window/Wall Unit	15%	Now	$51,700	2033	$51,700	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Rooms 206, 208, 228 And Other Locations								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Rooms 206, 208, 228 And Other Locations								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,300	
Exhaust Fans								
Interior	35%			2028	$141,300	2	$1,000	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : 1st And 3rd Floor Fan Rooms								
Roof	65%			2041	* *	2	$1,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,168,700	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
HW Heat Exchanger								
Steam Fired	100%			2033	$440,000	4	$13,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$18,200	4	$2,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Fixtures								
Generic	100%							

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DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Tankless Water Heater (POU)								
Gas Fired	100%			2026	$32,400	2		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement- Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit, 625 Mbh Input								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2033	$251,700	1-2	$5,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Partially Sprinklered Building								
Chemical System								
Wet	100%			2026	$306,000	1-3	$348,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Fire Suppression - 15 x 5 Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 305 - BK**				
Address	: **344 MONROE STREET BTWN: MARCY AVE., TOMPKINS AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K305**	
Program / Asset #	: **BOE0588.000 / 1274**		**Yr Built/Renovated**	: **1962 / 2010**	
Area Sq Ft	: **89,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **30-May-2019**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **1819**	**Lot** : **14**	**BIN**	: **3051458**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$280,000	$2,854,300
Interior Architecture	$13,145,900	$792,100
Electrical	$694,200	$818,700
Mechanical	$877,900	$1,661,600
Site Enclosure	$59,200	
Site Pavements		$112,000
Total	**$15,057,200**	**$6,238,700**
Importance Code A	$280,000	$2,854,300
Importance Code B	$14,463,000	$2,806,100
Importance Code C	$314,200	$578,300
Total	**$15,057,200**	**$6,238,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,100			$17,300
Interior Architecture	$90,000		$4,700	$8,700
Electrical	$35,300	$78,500	$1,800	$1,700
Mechanical	$66,600	$79,500	$16,300	$12,400
Site Enclosure	$6,600			
Site Pavements	$46,000			
Total	**$278,700**	**$158,000**	**$22,800**	**$40,100**
Importance Code A	$43,000	$9,000	$8,800	$26,100
Importance Code B	$175,900	$149,000	$14,000	$13,900
Importance Code C	$59,800			
Total	**$278,700**	**$158,000**	**$22,800**	**$40,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$54,300	
Windows								
Aluminum	95%			2052	* *	5	$34,600	
Glass Block	5%	0-2	$9,900	LIFE	* *	5	$1,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floor Corridors								
Roof								
IRMA/Protected Membrane	95%	Now	$280,000	2030	$2,800,000			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 10%								
Location : Over Cafeteria And Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Over Cafeteria And Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Over 3rd Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridors At 3rd Floor								
Roll Roofing	5%	Now	$24,300	2032	$40,400	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Over Stair Bulkhead								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Over Stair Bulkhead								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Over Stair Bulkhead								
Interior								
Floors								
Ceramic Tile	3%	Now	$42,700	2033	$213,700	5	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	30%			2035	* *	3	$14,200	
Vinyl Tile 9" X 9"	55%	Now	$245,300	2025	$12,264,600	3	$26,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	7%			2058	* *	5	$16,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$16,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$173,500	2033	$578,300	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	5%	0-2	$19,800	LIFE	* *	5	$4,200	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Marble Panels	5%			LIFE	* *			
Plaster	55%	Now	$140,700	LIFE	* *	5	$34,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout 108, 142, Auditorium And Hallway								
SGFT/Glazed Masonry	25%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 2nd And 3rd Floor Corridor And Throughout								
Ceilings								
AcousTile,Adhered	25%	Now	$50,800	2050	* *	5	$15,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Gymnasium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exposed Struc: Concrete	55%	0-2	$208,300	LIFE	* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%	Now	$62,800	LIFE	* *	5	$7,900	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	15%	Now	$11,500	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Bulkhead Stairs								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Bulkhead Stairs								
Site Enclosure								
Fence/Gates								
Chain Link	60%	0-2	$6,600	2040	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : East Gate								
Iron Picket	40%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	$59,200	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Playground								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$22,800	2043	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : At Tree Pits								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Along Monroe Street								
Explanation : Trees Are Causing Heaving								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$17,500	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Exit Steps Throughout And West Side								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%	Now	$5,600	2033	$112,000			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : South Play Yard								

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch - No Ratings Visible. 200 Ampere Emergency Lighting Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	100%			2030	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	80%			2029	$191,600	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Panel L P 3 A And Panel L & P R M L P								
Explanation : Circuit Breakers 1 And 3 Damaged In Panel L & P R M L P And Nuisance Tripping Reported In Panel L P 3 A.								

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DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$204,200	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	96%			2040	* *	10	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 And T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$74,700	10	$10,700	
Exit, Service	50%			2025	$19,200	1		
Exterior Lighting								
HID	100%			2025	$415,300	10	$300	
Outdr Lights On During Daytime, Extent : Light, Area Affected : 50%								
Location : North Exterior Wall								
Alarm								
Security System								
No Component	80%							
Generic	20%	Now	$33,400	2040	* *	1	$6,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$45,900	1-3	$11,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	4+	$4,100	2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil No. 2, Two Tanks At 7,500 Gallons Each. Fuel Oil Leak Monitoring System Requires Calibration								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$88,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	20%			2025	$335,000	1	$11,000	
Convector/Radiator	80%	Now	$11,600	2028	$582,200	1	$20,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Thermostats Do Not Function Properly. Controls Issues.								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	3%			2028	$42,200	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Location Of Unit Could Not Be Determined								
Explanation : Air Conditioning Provided In Cafeteria								
Split Unit	2%			2030	$42,300			
Window/Wall Unit	80%	Now	$27,000	2025	$269,700	1		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout								
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$24,800	
No Component	50%							
Exhaust Fans								
Interior	20%			2025	$78,900	2	$500	
Roof	80%	Now	$13,800	2025	$138,200	2	$1,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : E F - 8 And E F - 17								
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2050	* *	1		
Galvanized Steel	95%			2028	$1,079,400	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 200 Gallon								
Sanitary Piping								
Cast Iron	100%	0-2	$56,100	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Boy's Lavatory On First Floor								
On Extended Life, Extent : Severe, Area Affected : 80%								
Location : Regular Pipe Breaks At Various Locations Reported.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$17,800	4	$2,800	
Sewage Ejector(s)								
Electric	100%			2025	$46,600	4	$5,300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,200	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 305 - Q LEARNERS AND LEADERS**				
Address	: **378 SENECA AVE.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q245**
Program / Asset #	: **BOE1070.000 / 14416**			**Yr Built/Renovated**	: **2008 /**
Area Sq Ft	: **118,107**			**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jan-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4**				
Block	: **3428**	**Lot**	: **16**	**BIN**	: **4081817**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$120,300	$69,000
Interior Architecture		$148,900
Electrical	$107,200	
Mechanical		$112,800
Total	**$227,500**	**$330,700**
Importance Code A	$120,300	$69,000
Importance Code B	$107,200	$187,900
Importance Code C		$73,800
Total	**$227,500**	**$330,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,700		$11,500	
Interior Architecture	$206,300		$15,500	$11,000
Electrical	$3,300	$18,100	$5,500	$3,300
Mechanical	$22,400	$15,600	$22,200	$15,600
Site Pavements	$38,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$323,500**	**$41,600**	**$62,600**	**$37,800**
Importance Code A	$50,200	$6,600	$16,800	$6,400
Importance Code B	$273,200	$35,000	$45,800	$31,500
Importance Code C				
Total	**$323,500**	**$41,600**	**$62,600**	**$37,800**

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DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	0-2	$120,300	LIFE	* *	5	$69,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Library								
Marble Panels	2%			LIFE	* *	5	$1,200	
Window Wall	8%			2056	* *	5	$23,000	
Windows								
Aluminum	95%	4+	$19,000	2052	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Library								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 108, 202 And 210								
Glass Block	5%			LIFE	* *	5	$300	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$4,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$2,900	
Roof								
IRMA/Protected Membrane	95%	4+	$15,000	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 301, 309 And 3rd Floor Corridor								
Modified Bitumen	5%			2038	* *	10	$1,700	
Soffits								
Exposed Struc: Steel	50%	4+	$10,800	LIFE	* *	5	$2,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Entrance								
Glass: Special Gauge	50%			LIFE	* *	1		
Interior								
Floors								
Carpet	5%	Now	$156,300	2032	$156,300	3	$13,300	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Library And Principals Office								
Cast in Place Concrete	5%			LIFE	* *	5	$19,300	
Ceramic Tile	5%			2043	* *	5	$8,800	
Quarry Tile	5%			2047	* *	5	$13,300	
Terrazzo	10%			LIFE	* *	5	$13,800	
Vinyl Tile	70%			2038	* *	3	$46,400	
Interior Walls								
Ceramic Tile	30%			2043	* *	5	$56,800	
Gypsum Board	65%			LIFE	* *	5	$73,800	
Masonry: Brick	5%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%	4+	$50,000	2047	* *	5	$75,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 301, 209 And 3rd Floor Corridor								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$22,100	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2050	* *			
Iron Picket	30%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	60%			2039	* *			
Rubber Matting	40%	Now	$38,800	2040	* *			
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Play Yard								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	95%			2046	* *	5	$3,000	
Wiring								
Thermoplastic	100%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	97%			2035	* *	10	$105,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$2,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$14,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$13,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$21,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Stair Case Landings								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2050	* *	1		
Natural Gas	90%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	18%	0-2	$1,300	2035	* *	1	$9,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Defective No. 2 Unit Control Panel, Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Furnace	72%			2035	* *	1	$42,000	
Radiant Heater	10%			2035	* *	2	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Radiant Heaters								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	2%	0-2	$800	2035	* *	2	$100	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : No. 5 Unit Piping, Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units With 407c Refrigerant								
Ext Pkg Unit - Heating/Cooling	88%			2035	* *	2	$6,400	
Split Unit	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units. R-410a Refrigerant								
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	* *	1	$3,800	
No Component	90%							
Heat Rejection								
Dry Cooler	10%			2035	* *	2	$8,200	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,900	
Exhaust Fans								
Interior	10%			2035	* *	2	$400	
Roof	90%			2035	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		

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DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$8,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking To Rooms 301, 309 And Hallway								
Backflow Preventer								
Generic	100%			2035	* *	1	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Basement To 3rd Floor, One Unit Basement To Ground Floor								
Explanation : 2 Units And 1 Lift								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$33,100	
Fire Pump								
Generic	100%			2033	$112,800	1	$22,100	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 306 - BK**		
Address	: **970 VERMONT STREET BTWN: COZINE AVE., WORTMAN AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K306**
Program / Asset #	: **BOE0589.000 / 1259**	**Yr Built/Renovated**	: **1965 / 2002**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4392** **Lot** : **1**	**BIN**	: **3097873**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$995,000	$362,000
Interior Architecture	$17,887,800	$1,155,800
Electrical	$1,133,000	$1,118,800
Mechanical	$889,700	$3,742,800
Total	**$20,905,500**	**$6,379,400**
Importance Code A	$1,172,800	$1,287,000
Importance Code B	$19,605,100	$4,446,200
Importance Code C	$127,500	$646,300
Total	**$20,905,500**	**$6,379,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,600	$1,300	$34,700	
Interior Architecture	$204,900	$8,800		$15,200
Electrical	$57,700	$51,400	$7,600	$7,600
Mechanical	$110,700	$32,000	$27,100	$14,200
Site Enclosure	$9,500			
Site Pavements	$33,300			
Total	**$463,700**	**$93,400**	**$69,400**	**$37,000**
Importance Code A	$47,600	$11,600	$44,800	$10,100
Importance Code B	$346,100	$81,800	$24,600	$26,900
Importance Code C	$70,000			
Total	**$463,700**	**$93,400**	**$69,400**	**$37,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	$47,600	LIFE	* *	5	$79,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead And Stairs Throughout								
Masonry: Brick	80%			LIFE	* *	5	$63,600	
Windows								
Aluminum	100%			2046	* *	5	$69,400	
Parapets								
Metal Panel	5%			2050	* *	5	$2,600	
Metal Rail	90%			2043	* *	5-10	$218,800	
Metal: Cage/Fence	5%			2043	* *	5-10	$5,200	
Roof								
IRMA/Protected Membrane	100%	Now	$995,000	2040	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Throughout Upper Roof								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout Upper And Lower Roofs								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,600	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$26,500	LIFE	* *	5	$34,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Pit								
Ceramic Tile	5%	0-2	$43,900	2039	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Kitchen And Toilets Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Kitchen And Toilets Throughout								
Sheet Vinyl/Rubber	5%			2030	$509,600	5	$11,700	
Vinyl Tile	15%	Now	$12,900	2035	* *	3	$8,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	63%	Now	$346,400	2025	$17,320,300	3	$36,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridors And Classrooms And Stair Landings Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : 3rd Floor Corridors And Classrooms And Stair Landings Throughout								
Wood	2%			2045	* *	5	$5,800	
Interior Walls								
Ceramic Tile	5%	0-2	$64,600	2033	$646,300	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%	Now	$44,200	LIFE	* *	5	$9,400	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Masonry: Brick	30%			LIFE	* *			
Plaster	55%	Now	$62,900	LIFE	* *	5	$38,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor Corridor And Stairs Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor And Stairs Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	Now	$30,100	2035	* *	5	$23,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridors								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridors								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,400	
Exposed Struc: Steel	5%	Now	$93,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Gymnasium								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$9,700	
Plaster	50%	Now	$47,400	LIFE	* *	5	$48,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors And 3rd Floor Classrooms Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Corridors And 3rd Floor Classrooms Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$9,500	2065	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Concrete Base Cracking And Spalling								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$16,900	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$16,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Cast in Place Concrete	75%			2043	* *			
Rubber Matting	25%			2030	$43,000			

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DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$36,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere And One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$400	
Raceway								
Conduit	100%			2030	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	90%			2029	$215,500	5	$2,400	
Wiring								
Braided Cloth	70%	2-4	$239,300	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2030	$102,600	1		
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$79,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	8%			2025	$121,600	10	$7,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%	Now	$1,200	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Auditorium								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Battery	50%			2025	$85,600	10	$12,300	
Exit, Service	50%			2025	$22,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%	Now	$47,600	2025	$475,900			
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 25%								
Location : East Parapet								
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 25%								
Location : Throughout Roof								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : East Parapet								
Explanation : Insulation On Wire To Multiple Fixtures Is Damaged.								
Alarm								
Security System								
No Component	20%							
Generic	80%			2040	* *	1	$30,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Fire/Smoke Detection								
No Component	20%							
Generic, Analog	80%			2025	$210,500	1-3	$50,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$237,200	5	$31,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$177,800	2028	$889,100	1	$90,900	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : 1 Of 2 Boilers Not Operational In Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$40,800	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Risers In Stairwells And In 1st Floor Hallway And Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2025	$191,900	1	$6,300	
Convector/Radiator	90%	Now	$15,000	2028	$750,700	1	$26,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Radiators, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	30%			2024	$115,900	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,900	
Exhaust Fans								
Interior	60%			2025	$271,400	2	$1,900	
Roof	40%	Now	$23,800	2025	$79,200	2	$1,000	
Broken, Extent : Severe, Area Affected : 40%								
Location : Rooftop Exhuast Fans								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$26,000	2028	$1,302,200	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2030	$493,200	4	$10,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$3,100	4	$3,200	
Sewage Ejector(s)								
Electric	100%			2025	$53,400	4	$6,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$70,500	1-2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Book Storage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 307 - BK**		
Address	: **209 YORK STREET BTWN: GOLD ST., NAVY ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K307**
Program / Asset #	: **BOE0590.000 / 2742**	**Yr Built/Renovated**	: **1965 / 2015**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **56** **Lot** : **7**	**BIN**	: **3000158**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$111,300	$162,800
Interior Architecture	$5,064,900	
Electrical	$434,200	$850,600
Mechanical	$404,600	$576,900
Site Pavements	$168,600	$750,800
Total	**$6,183,600**	**$2,341,100**
Importance Code A	$111,300	$162,800
Importance Code B	$5,845,800	$2,178,200
Importance Code C	$226,500	
Total	**$6,183,600**	**$2,341,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$16,100	$12,100	
Interior Architecture	$134,100			$12,200
Electrical	$13,000	$2,000	$1,600	$2,100
Mechanical	$18,200	$27,600	$20,800	$13,900
Site Enclosure	$22,100			
Site Pavements	$41,600			
Total	**$229,000**	**$45,700**	**$34,500**	**$28,200**
Importance Code A	$9,200	$25,500	$21,300	$9,200
Importance Code B	$159,100	$20,100	$13,200	$19,000
Importance Code C	$60,700			
Total	**$229,000**	**$45,700**	**$34,500**	**$28,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$162,800	
Sidewalk Shed in Use, Extent : Light, Area Affected : 1%								
Location : Main Entrance								
Panel: Limestone	5%			LIFE	* *	5	$6,400	
Windows								
Aluminum	100%			2046	* *	5	$24,200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$11,100	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Roof								
Metal Panel	5%			2035	* *	10	$10,700	
Modified Bitumen	95%			2035	* *	10	$111,300	
Soffits								
Stucco Cement	100%			2035	* *	5	$10,800	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$23,700	LIFE	* *	5	$30,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	2%	0-2	$3,100	2039	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 2nd And 3rd Floor Toilets Throughout								
Quarry Tile	5%			2043	* *	5	$10,400	
Terrazzo	3%	4+	$7,800	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Vinyl Tile	50%	Now	$38,400	2035	* *	3	$26,100	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Cafeteria								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Cafeteria								
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	20%	Now	$98,200	2025	$4,908,800	3	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Landings And 3rd Floor Corridor								
Wood	10%			2058	* *	5	$26,100	

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Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$8,700	2039	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 2nd And 3rd Floor Toilets								
Concrete Masonry Unit	10%	Now	$29,800	LIFE	* *	5	$6,400	
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : Basement, Corridors And Gymnasium								
Mosaic Tile	5%	0-2	$57,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Entrance Lobby And Auditorium								
Plaster	55%			LIFE	* *	5	$26,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Stair Bulkheads								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$17,900	2035	* *	5	$13,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
AcousTileSusp.Lay-In	10%	0-2	$4,600	2035	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	55%			LIFE	* *	5	$12,000	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Metal Panel	5%			LIFE	* *	5	$8,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$8,700	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Bulkhead Stairs								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$15,400	2040	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Hudson Avenue								
Iron Picket	50%	Now	$6,700	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : York And Hudson And Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$12,600	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$168,600	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At And Around Dumpsters								
Activity Yard								
Asphalt	80%	Now	$29,000	2033	$579,600			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Side Play Yard								
Rubber Matting	20%			2030	$171,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Fused Disc Sw	4%			2038	* *	5	$100	
Fused Toggle Switch	5%	2-4	$12,000	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Molded Case Bkrs	73%			2029	$174,800	5	$1,800	
Molded Case Bkrs	8%			2038	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$262,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	90%			2028	$107,500	5	$600	
Locally Mounted	10%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$81,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$78,100	10	$11,200	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	20%			2025	$99,700			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$72,000	2040	* *	1-3	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7,000 Gallon Capacity Each								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$92,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$52,300	2040	* *	4	$4,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Traps								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control In 2nd Floor Fan Room								
Terminal Devices								
Air Handler	20%			2030	$350,000	1	$11,500	
Convector/Radiator	80%			2035	* *	1	$24,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2025	$352,300	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,900	
Exhaust Fans								
Interior	20%			2030	$82,500	2	$600	
Roof	80%			2030	$144,400	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : No Storage Tank								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$13,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,300	
Chemical System								
Wet	2%			2028	$1,600	1-3	$1,700	
No Component	98%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 307- Q**
Address : **40-20 100TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE1150.000 / 14896**
Area Sq Ft : **107,913**
Date of Survey : **20-Jan-2022**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **1608** **Lot** : **58**

Agency's Number : **Q260**
Yr Built/Renovated : **2008 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$266,000	$347,800
Interior Architecture	$277,400	$224,100
Electrical		$2,280,700
Mechanical	$906,500	$2,734,100
Site Pavements		$60,800
Total	**$1,449,900**	**$5,647,600**
Importance Code A	$266,000	$347,800
Importance Code B	$906,500	$5,014,800
Importance Code C	$277,400	$284,900
Total	**$1,449,900**	**$5,647,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$108,700	$10,500		
Interior Architecture	$202,900	$75,400	$14,700	$3,200
Electrical	$23,200	$17,600	$21,400	$19,600
Mechanical	$136,500	$66,700	$84,300	$33,800
Site Pavements	$100	$700	$100	$100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$483,200**	**$182,800**	**$132,400**	**$68,600**
Importance Code A	$108,700	$10,500		
Importance Code B	$329,600	$144,900	$132,300	$65,300
Importance Code C	$44,900	$27,400	$100	$3,300
Total	**$483,200**	**$182,800**	**$132,400**	**$68,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307- Q

Asset # : 14896

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	8%			LIFE	* *	5	$122,500	
Glass Block	2%			LIFE	* *	5	$3,800	
Masonry: Brick Cavity	80%			LIFE	* *	5	$245,100	
Masonry: Granite	5%			LIFE	* *	5	$11,500	
Metal Panel	5%			2059	* *	5-10	$52,600	
Windows								
Aluminum	100%			2055	* *	5	$21,100	
Parapets								
Cast in Place Concrete	42%			LIFE	* *	5	$164,300	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$53,800	
Masonry: Brick Cavity	43%			LIFE	* *	5-10	$55,700	
Metal Security Bars	5%			2068	* *			
Roof								
IRMA/Protected Membrane	100%			2038	* *	10	$81,900	
Soffits								
Metal Panel	65%			2059	* *	5-10		
Stucco Cement	35%			2050	* *	5		
Interior								
Floors								
Carpet	2%			2032	$57,100	3	$4,800	
Cast in Place Concrete	10%			LIFE	* *	5	$70,700	
Quarry Tile	3%			2050	* *	5	$7,300	
Terrazzo	15%			LIFE	* *	5	$37,900	
Vinyl Tile	65%			2041	* *	3	$39,400	
Wood	5%			2068	* *	5	$15,100	
Interior Walls								
Ceramic Tile	35%			2046	* *	5	$149,400	
Concrete Masonry Unit	15%			LIFE	* *	5	$51,200	
Fabric on Framing	3%			2037	* *	5	$6,400	
Folding Partition	5%			2055	* *	5	$53,300	
Glass: Single Pane	2%			LIFE	* *	5	$12,800	
Gypsum Board	25%			LIFE	* *	5-10	$181,400	
Masonry: Brick	10%			LIFE	* *	10	$12,800	
Wood	5%			LIFE	* *	5	$170,700	
Ceilings								
AcousTileSusp.Lay-In	60%			2050	* *	5	$90,200	
Exposed Struc: Steel	10%			LIFE	* *	10	$30,100	
Fiber Board	2%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Hung Acoustical Panels In Cafeteria								
Gypsum Board	15%			LIFE	* *	5-10	$77,500	
Metal Panel	13%			LIFE	* *	5	$48,900	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307- Q

Asset # : 14896

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	90%			2059	* *			
Iron Picket	10%			2077	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	85%			2046	* *			
Wood	15%			2031	$60,800	1-3	$2,900	
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Asphalt	40%			2042	* *			
Rubber Matting	60%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000, Two 1,200 And Three 1,600 Ampere Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$500	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$500	
Motor Control Center	30%			2038	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$33,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307- Q

Asset # : 14896

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2036	* *	1	$41,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,000	
Fuel Storage								
Day Tank	100%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 175 Gallons								
Lighting								
Interior Lighting								
Fluorescent	96%			2033	$1,544,300	10	$95,000	
Fluorescent	2%			2038	* *	10	$2,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Incandescent	2%			2028	$59,800	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Incandescent Flood Lights Observed								
Egress Lighting								
Emergency, Service	50%			2033	$33,200	1		
Exit, Service	50%			2033	$23,300	1		
Exterior Lighting								
HID	20%			2033	$100,700	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$900	
Alarm								
Security System								
Generic	100%			2033	$202,600	1	$40,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors, Gymnasium And Cafeteria								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$278,400	1-3	$68,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Auditorium, Cafeteria And Basement								
Explanation : Strobe Lights, Alarm Bell, Smoke Detector, Manual Pull Box, Horns And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307- Q

Asset # : 14896

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2053	* *	1		
Natural Gas	90%			2053	* *	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,300	
Terminal Devices								
Fan Coil Unit/Heat	10%			2033	$267,600	1	$3,500	
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	0-2	$906,500	2033	$1,813,100	2	$5,300	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Five Rooftop Units Are Not Working And Five Units Are Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 10 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$175,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,300	
Exhaust Fans								
Roof	100%			2033	$209,400	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	$56,500	4	$6,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$6,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Elevators								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307- Q

Asset # : 14896

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$30,200	
Fire Pump								
Generic	100%			2036	* *	1	$20,200	
Chemical System								
Generic	100%			2031	$387,600	1-3	$353,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System Covers 95 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 308 - BK**		
Address	: **616 QUINCY STREET @ LEWIS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K308**
Program / Asset #	: **BOE0591.000 / 1246**	**Yr Built/Renovated**	: **1975 / 2011**
Area Sq Ft	: **116,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1630** **Lot** : **1**	**BIN**	: **3044493**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$582,900	$1,559,800
Interior Architecture	$174,700	$3,418,000
Electrical	$840,500	$1,490,100
Mechanical	$1,206,500	$4,188,800
Site Pavements		$139,900
Total	**$2,804,600**	**$10,796,500**
Importance Code A	$582,900	$2,420,100
Importance Code B	$2,171,100	$8,376,400
Importance Code C	$50,600	
Total	**$2,804,600**	**$10,796,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,900		$50,300	
Interior Architecture	$96,000	$4,300	$1,700	$15,500
Electrical	$8,600	$9,700	$14,400	$8,200
Mechanical	$121,500	$20,800	$113,600	$20,200
Site Enclosure	$54,900			
Site Pavements	$102,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$432,700**	**$38,800**	**$183,900**	**$47,900**
Importance Code A	$61,100	$9,200	$59,800	$9,200
Importance Code B	$279,600	$25,300	$124,200	$38,700
Importance Code C	$92,000	$4,300		
Total	**$432,700**	**$38,800**	**$183,900**	**$47,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	75%	Now	$232,600	LIFE	* *	5	$27,100	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : 45 Degree Corners At South Facades								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	25%			2051	* *	5-10	$99,400	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Lintels Below Panels								
Windows								
Aluminum	100%	Now	$201,600	2039	* *	5	$10,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	85%	Now	$41,700	LIFE	* *	5	$15,200	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2041	* *	5	$3,100	
Metal Rail	5%			2036	* *	5-10	$14,300	
Pre-Cast Concrete	5%	Now	$3,200	LIFE	* *	5	$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Main Roof At Inner Courtyard								
Caulking Deteriorated, Extent : Moderate, Area Affected : 70%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	90%	2-4	$148,800	2031	$1,487,500			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air/Water Blisters, Extent : Moderate, Area Affected : 2%								
Location : Main Roof By Skylight								
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkheads								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Low Roofs At North Side								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Low Roofs At North Side								
Metal Panel	5%			2036	* *	10	$13,000	
Skylight, Metal/Glass	5%			2051	* *	10	$23,600	
Soffits								
Stucco Cement	100%			2036	* *	5		
Interior								
Floors								
Carpet	2%			2032	$58,400	3	$5,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$36,100	
Ceramic Tile	3%	Now	$55,800	2034	* *	5	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Bathrooms								
Quarry Tile	2%			2044	* *	5	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Located In Kitchen								
Terrazzo	3%			LIFE	* *	5	$3,900	
Vinyl Tile	75%	Now	$68,400	2031	$3,418,000	3	$46,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%			2059	* *	5	$15,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$8,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,900	
Plaster	60%	Now	$50,600	LIFE	* *	5	$31,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Custodians Room								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Corridor Next To Electrical Room								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	37%	Now	$38,200	2036	* *	5	$29,700	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout Hallways								
AcousTileConcealSpLn	35%	Now	$45,100	2036	* *	5	$35,100	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Athletics Room								
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,800	
Fiber Board	5%	Now	$2,500	2036	* *			
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Metal Panel	3%			LIFE	* *	5	$6,000	
Plaster	5%			LIFE	* *	5	$5,000	
Site Enclosure								
Fence/Gates								
Chain Link	55%	2-4	$29,000	2041	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 30%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Spalls At Concrete Curb								
Iron Picket	45%	Now	$25,900	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Various Posts								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$24,300	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Sidewalk On Quincy Street								
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : Sidewalk On Quincy Street								

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DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	70%	Now	$6,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Walkway Adjacent To East Elevation								
Masonry: Granite	30%	Now	$25,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : At All Entry Stairs								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$4,800	2036	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Container Area								
Activity Yard								
Asphalt	70%	Now	$41,400	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Cast in Place Concrete	20%			2036	* *			
Rubber Matting	10%			2031	$139,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$260,100	5	$500	
Raceway								
Conduit	100%			2031	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$300	
Fused Toggle Switch	1%			2030	$2,400	5		
Molded Case Bkrs	89%			2030	$213,200	5	$2,700	
Wiring								
Thermoplastic	100%			2031	$341,800	1		
Motor Controllers								
Locally Mounted	100%			2029	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gas Meter Rm								
Explanation : Grounding								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	87%			2039	* *	10	$92,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	8%			2039	* *	10	$8,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	5%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Stairs								
Explanation : Compact Fluorescent Light								
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteia, Auditorium And Gymnasium								
Explanation : Throughout								
Emergency, Battery	50%			2031	$97,400	10	$14,000	
Exit, Battery	40%			2036	* *	10	$3,100	
Exterior Lighting								
HID	100%			2026	$541,300	10	$400	
Alarm								
Security System								
No Component	60%							
Generic	10%			2036	* *	1	$4,300	
Generic	30%			2036	* *	1	$13,000	
Fire/Smoke Detection								
Generic, Analog	100%			2026	$299,200	1-3	$71,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	$266,200	5	$35,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault Basement								
Explanation : 2 Tanks Of 7,500 Gallon Each								

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DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Shell & Tube	20%			2034	* *			
Steam Boiler	80%	Now	$16,200	2029	$808,900	1	$82,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Boiler No 2 Draft Controller. Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units. 1 Abandoned In Place.								
Distribution								
Hot Wtr Piping/Pump	20%			2030	$50,700	4	$1,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Hot Water Used For Heating In Air Handler Unit.								
Steam Piping/Pump	80%	Now	$14,900	2031	$743,100			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump In Boiler Room								
Terminal Devices								
Air Handler	30%			2026	$654,900	1	$21,500	
Convector/Radiator	70%			2036	* *	1	$26,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2026	$342,300	1	$10,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chiller Room								
Explanation : 2 Units								
Split Unit	3%			2039	* *			
Window/Wall Unit	32%			2029	$140,600	1		
No Component	45%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2041	* *	4	$1,700	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2031	$309,500	1	$17,900	
Fan Coil - 2 Pipe	25%			2036	* *	1	$9,400	
No Component	50%							
Heat Rejection								
Dry Cooler	20%			2026	$58,600	2	$16,200	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Roof								
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,700	
Exhaust Fans								
Interior	60%	Now	$30,900	2031	$308,700	2	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Explanation : Controls System Malfunctioning. Equipment Operated Manually.								
Roof	40%	Now	$4,500	2026	$90,000	2	$1,100	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,480,900	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$40,900	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Leak Reported From Roof To Boiler Room At 3 Locations								
Sump Pump(s)								
Non-Submersible	100%			2026	$23,200	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$60,700	4	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$58,500	
Sprinkler								
No Component	95%							
Generic	5%			2031	$80,200	1-2	$1,600	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 309 - BK**		
Address	: **794 MONROE STREET @ RALPH AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K309**
Program / Asset #	: **BOE0592.000 / 1247**	**Yr Built/Renovated**	: **1963 / 2010**
Area Sq Ft	: **89,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1643** **Lot** : **36**	**BIN**	: **3045047**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$85,100	$2,969,900
Interior Architecture	$3,344,900	$2,541,800
Electrical	$941,100	$682,400
Mechanical	$852,900	$3,163,300
Total	**$5,224,000**	**$9,357,500**
Importance Code A	$85,100	$3,590,500
Importance Code B	$5,138,900	$5,766,900
Total	**$5,224,000**	**$9,357,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,700		$6,200	
Interior Architecture	$59,200	$11,100	$18,200	
Electrical	$46,200	$1,800	$31,300	$1,700
Mechanical	$91,100	$15,500	$51,700	$11,100
Site Pavements				
Total	**$240,200**	**$28,300**	**$107,500**	**$12,800**
Importance Code A	$50,800	$7,100	$13,500	$7,100
Importance Code B	$189,400	$21,300	$94,000	$5,700
Importance Code C				
Total	**$240,200**	**$28,300**	**$107,500**	**$12,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$12,700	
Masonry: Brick	95%			LIFE	* *	5	$51,600	
Granite Panels	2%			LIFE	* *	5	$800	
Windows								
Aluminum	98%	Now	$85,100	2047	* *	5	$17,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal Louvers	2%			2040	* *	10	$4,600	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$17,100	
Masonry: Brick	30%			LIFE	* *	5	$3,300	
Metal Rail	25%			2044	* *	5-10	$49,800	
Metal: Cage/Fence	25%			2044	* *	5-10	$21,400	
Roof								
IRMA/Protected Membrane	95%			2031	$2,800,000	10	$118,300	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	5%			2036	* *	10	$6,200	
Soffits								
Stucco Cement	100%			2044	* *	5	$2,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	3%			2034	* *	5	$3,800	
Terrazzo	2%			LIFE	* *	5	$2,000	
Vinyl Tile	70%			2031	$2,443,300	3	$33,200	
Vinyl Tile 9" X 9"	15%			2026	$3,344,900	3	$7,100	
Wood	5%	Now	$18,800	2046	* *	5	$5,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Plaster	65%			LIFE	* *	5	$41,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2036	* *	5	$31,600	
Exposed Struc: Concrete	50%			LIFE	* *	5	$9,900	
Fiber Board	5%			2031	$98,500			
Plaster	20%	Now	$38,400	LIFE	* *	5	$15,800	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Third Floor Classrooms								
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	20%			2041	* *			
Iron Picket	80%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2036	* *			
Masonry: Granite	20%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Asphalt	85%			2034	* *			
Rubber Matting	15%			2031	$19,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2031	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	60%			2030	$143,700	5	$1,400	
Molded Case Bkrs	25%			2047	* *	5	$600	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$262,600	2056	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	80%			2036	* *	10	$65,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Incandescent	10%	2-4	$123,300	2041	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bathrooms, Stairs, Kitchen								
Explanation : Obsolete Incandescent Lighting Fixtures.								
LED	10%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Auditorium								
Explanation : LED Lighting Fixtures Installed Three Years Ago.								
Egress Lighting								
Emergency, Battery	50%			2026	$74,700	10	$10,700	
Exit, Service	50%			2026	$19,200	1		
Exterior Lighting								
HID	100%	0-2	$415,300	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Most Fixtures Are Not Operational And It Is Not Why They Do Not Work.								
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$45,900	2041	* *	1-3	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors And Exits								
Explanation : Obsolete Fire Alarm System Which Frequently Breaks Down.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	$204,200	5	$27,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault Basement								
Explanation : 2 Tanks Of 7,500 Gallon Each.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Shell & Tube	20%			2034	* *			
Steam Boiler	80%			2029	$620,600	1	$70,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room- Draft Control Damper								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units - 1 Abandoned In Place								
Distribution								
Hot Wtr Piping/Pump	20%			2030	$38,900	4	$900	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Hot Water Used For Heating In Air Handler Unit								
Steam Piping/Pump	80%	Now	$11,400	2031	$570,200			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vaccum Pump - Boiler Room								
Terminal Devices								
Air Handler	25%			2026	$418,700	1	$13,800	
Convector/Radiator	75%			2029	$545,800	1	$21,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2026	$303,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,600	
Exhaust Fans								
Interior	20%	Now	$23,700	2026	$78,900	2	$400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Auditorium Exhaust Fan Out Of Service								
Roof	30%			2026	$51,800	2	$800	
Roof	50%			2031	$86,300	2	$1,400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$22,700	2029	$1,136,200	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Valves And Piping Heavily Corroded On Incoming Cold Water Service.								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$13,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$22,400	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Explanation : 1 Of 2 Grease Traps Out Of Service Due To Leaks.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$17,800	4	$1,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,200	
Chemical System								
No Component	99%							
Generic	1%			2026	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 310 - BK THE SCHOOL FOR FUTURE LEADERS**		
Address	: **942 62ND STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K310**
Program / Asset #	: **BOE1132.000 / 14878**	**Yr Built/Renovated**	: **2012 /**
Area Sq Ft	: **52,695**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Sep-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **5729** **Lot** : **24**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$57,200
Interior Architecture	$85,800	
Mechanical		$132,800
Total	**$85,800**	**$190,000**
Importance Code A		$57,200
Importance Code B		$132,800
Importance Code C	$85,800	
Total	**$85,800**	**$190,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$155,300	$8,000	$5,700	
Interior Architecture	$103,400		$36,400	$41,000
Electrical	$11,000	$8,600	$9,900	$11,000
Mechanical	$46,300	$19,400	$18,900	$13,300
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$325,900**	**$45,800**	**$80,800**	**$75,200**
Importance Code A	$157,900	$10,600	$8,300	$2,600
Importance Code B	$124,700	$35,200	$72,500	$36,700
Importance Code C	$43,300			$35,900
Total	**$325,900**	**$45,800**	**$80,800**	**$75,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BK THE SCHOOL FOR FUTURE LEADERS
Asset # : 14878

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	10%			LIFE	* *	5	$9,500	
Masonry: Brick Cavity	65%			LIFE	* *	5	$99,100	
Metal Panel	15%			2053	* *	5-10	$78,600	
Window Wall	10%			2053	* *	5	$28,600	
Windows								
Aluminum	95%			2049	* *	5	$13,400	
Metal Louvers	5%			2042	* *	10	$4,400	
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$77,900	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$35,700	
Masonry: Brick	40%			LIFE	* *	5-10	$34,400	
Metal Panel	5%			2053	* *	5	$2,400	
Metal Rail	5%			2050	* *	5-10	$11,400	
Metal: Cage/Fence	10%			2046	* *	5-10	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor Play Roof								
Explanation : Cage Around 3rd Floor Play Roof								
Roof								
IRMA/Protected Membrane	20%			2038	* *	10	$7,000	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Panel/Paver: Cer/Brk	70%			2053	* *	10	$32,900	
Play Surface	10%			2038	* *	10	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor Play Roof								
Explanation : Play Roof Safety Surface								
Soffits								
Metal Panel	50%			2053	* *	5-10	$19,500	
Stucco Cement	50%			2050	* *	5	$7,100	
Interior								
Floors								
Carpet	2%			2032	$27,900	3	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Library								
Explanation : Carpet Tile								
Cast in Place Concrete	5%			LIFE	* *	5	$17,300	
Ceramic Tile	13%			2042	* *	5	$10,300	
Quarry Tile	5%			2046	* *	5	$5,900	
Vinyl Tile	70%			2038	* *	3	$20,700	
Wood	5%	4+	$11,800	2061	* *	5	$3,700	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BK THE SCHOOL FOR FUTURE LEADERS
Asset # : 14878

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$25,600	
Ceramic Tile	35%			2042	* *	5	$71,800	
Concrete Masonry Unit	20%			LIFE	* *	5	$32,800	
Gypsum Board	38%			LIFE	* *	5-10	$132,600	
Masonry: Brick	2%			LIFE	* *	10	$1,200	
Ceilings								
AcousTileSusp.Lay-In	4%	4+	$4,800	2046	* *	5	$1,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Mechanical Spaces								
AcousTileSusp.Lay-In	71%			2046	* *	5	$51,500	
Exposed Struc: Steel	10%			LIFE	* *	10	$14,500	
Gypsum Board	10%			LIFE	* *	5-10	$24,900	
Metal Panel	5%			LIFE	* *	5	$9,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Metal Panel Lay In								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2046	* *			
Pavers/Stone	50%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$400	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 310 - BK THE SCHOOL FOR FUTURE LEADERS
Asset # : 14878

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$16,200	
Generators								
Diesel	100%			2042	* *	1	$20,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Rating Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,000	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Rated Capcity								
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$47,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$400	
Alarm								
Security System								
Generic	100%			2038	* *	1	$19,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$32,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BK THE SCHOOL FOR FUTURE LEADERS
Asset # : 14878

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Furnace	70%			2038	* *	1	$18,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Package Units								
Hot Water Boiler	30%			2046	* *	1	$7,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2055	* *	4	$800	
No Component	70%							
Terminal Devices								
Convector/Radiator	30%			2046	* *	1	$5,100	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%	0-2	$6,600	2038	* *	2	$400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Unit No.2 On Roof								
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Rooftop Units, Roof								
Ext Pkg Unit - Heating/Cooling	80%			2038	* *	2	$2,600	
Split Unit	5%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	$4,600	LIFE	* *	2-5	$2,900	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : The Building Management System								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$41,900	
Exhaust Fans								
Interior	10%			2038	* *	2	$200	
Roof	90%			2038	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BK THE SCHOOL FOR FUTURE LEADERS
Asset # : 14878

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Explanation : 200 Gallon Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,100	
Backflow Preventer								
Generic	100%			2041	* *	1	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$26,600	
Sprinkler								
Generic	100%			2053	* *	1-2	$14,800	
Fire Pump								
Generic	100%			2042	* *	1	$9,800	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen, 20 Square Feet Are Protected								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 310 - BX (FORMER P.S. 122 - BX)**		
Address	: **260 WEST KINGSBRIDGE ROAD BTWN: HEATH AVE., BAILEY AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X122**
Program / Asset #	: **BOE0262.000 / 393**	**Yr Built/Renovated**	: **1953 / 2000**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **3239** **Lot** : **41**	**BIN**	: **2096486**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$390,000	$70,400
Interior Architecture	$1,075,000	$366,400
Electrical	$677,400	$231,200
Mechanical		$1,584,300
Total	**$2,142,400**	**$2,252,300**
Importance Code A	$390,000	$70,400
Importance Code B	$1,269,100	$2,130,500
Importance Code C	$483,300	$51,400
Total	**$2,142,400**	**$2,252,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$36,900	$7,000	$2,100	$8,400
Electrical	$2,200	$91,400	$3,000	$2,100
Mechanical	$10,900	$24,600	$17,500	$10,400
Site Enclosure	$2,600			
Site Pavements	$20,500			
Total	**$73,000**	**$122,900**	**$22,600**	**$20,800**
Importance Code A	$7,400	$7,600	$7,400	$7,400
Importance Code B	$58,700	$115,300	$15,200	$13,400
Importance Code C	$6,900			
Total	**$73,000**	**$122,900**	**$22,600**	**$20,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$70,400	
Masonry: Limestone	3%			LIFE	* *	5	$1,600	
Windows								
Aluminum	90%	Now	$183,200	2046	* *	5	$9,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Aluminum	10%	Now	$101,800	2055	* *	5	$1,100	
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Exterior Facade								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$17,700	
Metal Rail	10%			2043	* *	5-10	$37,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	95%			2035	* *	10	$105,000	
Copper/Terne	5%			2058	* *	10	$13,800	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$3,800	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$19,000	LIFE	* *	5	$24,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Boiler Room								
Ceramic Tile	5%			2033	$315,000	5	$5,600	
Vinyl Tile	15%			2035	* *	3	$6,300	
Vinyl Tile 9" X 9"	60%	2-4	$591,700	2040	* *	3	$25,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : 2nd And 3rd Floors								
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : 2nd And 3rd Floors								
Wood	10%			2058	* *	5	$21,000	
Interior Walls								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	70%	0-2	$208,400	LIFE	* *	5	$51,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$274,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$17,900	2035	* *	5	$5,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	10%			2035	* *	5	$13,900	
Exposed Struc: Concrete	70%			LIFE	* *	5	$12,200	
Plaster	10%			LIFE	* *	5	$7,000	
Site Enclosure								
Fence/Gates								
Chain Link	2%			2050	* *			
Iron Picket	98%	4+	$1,400	2065	* *			
Impact Damage, Extent : Severe, Area Affected : 2%								
Location : West Kingsbridge Road								
Retaining Walls								
Cast in Place Concrete	100%	4+	$1,200	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Heath Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$5,500	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	95%	4+	$15,000	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Rubber Matting	5%			2030	$18,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	80%			2030	$115,700	1		
Conduit	20%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	3%			2046	* *	5	$100	
Fused Disc Sw	7%			2029	$12,600	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$139,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2030	$20,000	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	$95,500	5	$400	
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	97%			2035	* *	10	$66,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2035	* *	10		
Incandescent	1%			2025	$20,800	2		
Egress Lighting								
Emergency, Battery	50%			2025	$62,900	10	$9,100	
Exit, Service	50%			2025	$16,200	1		
Exterior Lighting								
HID	100%			2025	$350,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$42,200	1	$8,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$58,000	1-3	$13,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$74,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	20%			2030	$282,300	1	$9,300	
Convector/Radiator	80%			2028	$490,600	1	$19,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2025	$14,200	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	100%			2030	$332,600	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2028	$478,700	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 400 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,000	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 310 - BX MINISCHOOL (FORMER P.S. 122 -BX)**				
Address	: **260 WEST KINGSBRIDGE RD. BTWN: HEATH AVE., BAILEY AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X822**
Program / Asset #	: **BOE0262.010 / 2592**			**Yr Built/Renovated**	: **1985 /**
Area Sq Ft	: **11,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Apr-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3239**	**Lot**	: **41**	**BIN**	: **2096486**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$234,800	
Interior Architecture	$51,400	$417,600
Electrical	$51,300	$71,700
Mechanical	$179,200	
Total	**$516,700**	**$489,200**
Importance Code A	$234,800	
Importance Code B	$281,900	$489,200
Total	**$516,700**	**$489,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,800			
Interior Architecture	$33,600			$1,900
Electrical	$500	$32,000	$300	$300
Mechanical	$2,800	$78,700	$1,500	$600
Total	**$63,600**	**$110,700**	**$1,800**	**$2,800**
Importance Code A	$27,300	$34,800	$500	$500
Importance Code B	$29,000	$75,900	$1,300	$2,300
Importance Code C	$7,300			
Total	**$63,600**	**$110,700**	**$1,800**	**$2,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX MINISCHOOL (FORMER P.S. 122 -BX)
Asset # : 2592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$60,100	2050	* *	5	$34,000	1
Deformed/Dented, Extent : Severe, Area Affected : 40%								
Location : School Yard Side								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 15%								
Location : School Yard Side								
Windows								
Aluminum	100%	Now	$26,800	2038	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Roof								
Metal, Corrugated	100%	Now	$174,700	2050	* *	1		
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Seams Open/Split, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%	Now	$17,900	2045	* *	5	$400	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Janitors Closet, Toilet Rooms								
Vinyl Tile	95%	Now	$8,400	2030	$417,600	3	$5,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Exits And Hallways								
Interior Walls								
Gypsum Board	100%	0-2	$7,300	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$51,400	2035	* *	5	$7,700	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Corridors, Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX MINISCHOOL (FORMER P.S. 122 -BX)
Asset # : 2592

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2030	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2029	$2,000	5		
Molded Case Bkrs	95%			2029	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2030	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$10,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : T-8 Lamps							
Egress Lighting								
Emergency, Battery	50%			2025	$9,200	10	$1,300	
Exit, Service	50%			2025	$2,400	1		
Exterior Lighting								
HID	100%			2025	$51,300	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$1,200	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$8,500	1-3	$2,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		
Conversion Equipment								
Furnace	100%			2025	$34,200	1	$5,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Ceiling Mounted, Equipment Room							
	Explanation : 2 Units							
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX MINISCHOOL (FORMER P.S. 122 -BX)
Asset # : 2592

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2024	$179,200	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Equipment Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Exhaust Fans								
Interior	90%			2025	$43,900	2	$300	
Roof	10%	0-2	$2,100	2040	* *	2		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 312 - BK**		
Address	: **7103 AVENUE T BTWN: EAST 71 ST., EAST 72 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K312**
Program / Asset #	: **BOE0593.000 / 1248**	**Yr Built/Renovated**	: **1966 / 2012**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8393** **Lot** : **1**	**BIN**	: **3236665**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$209,400	$2,080,200
Interior Architecture	$19,333,500	
Electrical	$292,700	$2,017,600
Mechanical	$669,900	$949,700
Site Enclosure	$355,100	
Site Pavements		$66,200
Total	**$20,860,500**	**$5,113,700**
Importance Code A	$362,800	$2,080,200
Importance Code B	$20,497,700	$3,033,500
Total	**$20,860,500**	**$5,113,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,400	$800	$20,700	$40,400
Interior Architecture	$40,400	$3,200	$2,400	$13,400
Electrical	$1,400	$2,400	$31,000	$1,000
Mechanical	$4,100	$12,400	$28,400	$16,800
Total	**$59,300**	**$18,700**	**$82,500**	**$71,600**
Importance Code A	$13,400	$9,500	$29,600	$49,100
Importance Code B	$25,800	$9,300	$52,800	$22,500
Importance Code C	$20,100			
Total	**$59,300**	**$18,700**	**$82,500**	**$71,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	* *	5	$47,200	
Recent Repair Evident, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Metal Panel	3%			2051	* *	5-10	$11,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$17,600	
Windows								
Aluminum	97%			2056	* *	5	$35,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Louvers	3%			2040	* *	10	$6,800	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$2,800	
Metal Rail	10%			2044	* *	5-10	$19,900	
Pre-Cast Concrete	65%			LIFE	* *	5	$45,100	
Roof								
Built-Up (BUR)	48%	Now	$209,400	2031	$697,900			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium And Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Gymnasium								
Copper/Terne	2%			2059	* *	10	$6,200	
IRMA/Protected Membrane	45%			2031	$1,326,300	10	$56,100	
Roll Roofing	5%	Now	$800	2027	$40,400	5	$5,200	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 1%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Bulkheads								
Soffits								
Fiberglass Panel	50%			2040	* *	5	$1,500	
Stucco Cement	50%			2044	* *	5	$1,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	5%			2040	* *	5	$6,300	
Terrazzo	3%			LIFE	* *	5	$3,000	
Vinyl Tile 9" X 9"	85%	Now	$379,100	2026	$18,954,400	3	$40,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	2%			2046	* *	5	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$6,900	2040	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stairway B And Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Folding Partition	5%			2039	* *	5	$26,300	
Plaster	52%			LIFE	* *	5	$32,800	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$20,300	2036	* *	5	$15,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	55%			LIFE	* *	5	$10,900	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$7,900	
Plaster	10%			LIFE	* *	5	$7,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			
Retaining Walls								
Masonry: Brick	100%	2-4	$355,100	2061	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : West Side At Play Yard								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : West Side At Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	40%			2044	* *			
Pavers/Stone	60%			2040	* *			
Activity Yard								
Asphalt	50%			2040	* *			
Rubber Matting	50%			2031	$66,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2029	$26,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Kilovolt-ampere Serves The Rooftop Units								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	100%			2031	$201,800	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Disc Sw	5%			2030	$12,000	5	$100	
Molded Case Bkrs	90%			2030	$215,500	5	$2,100	
Wiring								
Braided Cloth	75%	2-4	$218,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Crawl Space								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2031	$1,180,600	10	$72,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Lamp T-8								
LED	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$73,900	10	$10,600	
Exit, Service	50%			2026	$19,000	1		
Exterior Lighting								
HID	25%			2041	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Photocell								
No Component	75%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	$45,400	1-3	$10,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$153,400	2036	* *	1	$78,400	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Boiler Shells Are Leaking In Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	20%			2031	$331,200	1	$10,900	
Convector/Radiator	80%			2036	* *	1	$22,700	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%	Now	$57,900	2031	$193,000	2	$900	
Broken, Extent : Severe, Area Affected : 30%								
Location : 2 Rooftop Units Serving Gymasium And Auditorium								
Window/Wall Unit	60%			2024	$200,000	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$34,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,100	
Exhaust Fans								
Interior	40%			2026	$156,100	2	$1,100	
Roof	60%			2026	$102,500	2	$1,600	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	50%			2029	$11,800	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Temporary Unit, Until Gas Unit Is Utilized								
Gas Fired	50%			2031	$8,500	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Steam Fired	100%			2031	$425,500	4	$8,700	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR**				
Address	: **7151 AVENUE T BTWN: EAST 71 ST., EAST 72 ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K312**
Program / Asset #	: **BOE0593.010 / 13451**			**Yr Built/Renovated**	: **1995 /**
Area Sq Ft	: **8,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jul-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **8393**	**Lot**	: **1**	**BIN**	: **3236665**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$71,700
Total		**$71,700**
Importance Code B		$71,700
Total		**$71,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,500		$4,300	$400
Interior Architecture	$6,600	$500		$700
Electrical	$3,400	$700	$2,200	$800
Mechanical	$400	$400	$18,400	$400
Total	**$36,900**	**$1,600**	**$24,900**	**$2,400**
Importance Code A	$26,900	$300	$4,700	$700
Importance Code B	$6,700	$1,000	$20,300	$1,700
Importance Code C	$3,400	$300		
Total	**$36,900**	**$1,600**	**$24,900**	**$2,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR
Asset # : 13451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$500	
Masonry: Brick	80%			LIFE	* *	5	$12,200	
Window Wall	15%			2051	* *	5	$8,600	
Windows								
Aluminum	50%			2047	* *	5	$900	
No Component	50%							
Roof								
Metal Panel	80%			2044	* *	10	$26,500	
Sloped Glazing	20%			LIFE	* *	5	$48,200	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$3,100	
Ceramic Tile	3%			2040	* *	5	$300	
Quarry Tile	17%			2044	* *	5	$2,400	
Vinyl Tile	60%			2036	* *	3	$2,800	
Wood	5%			2059	* *	5	$900	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$700	
Concrete Masonry Unit	5%			LIFE	* *	5	$300	
Gypsum Board	90%	Now	$3,400	LIFE	* *	5	$7,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	20%			2044	* *	5	$1,900	
Exposed Struc: Steel	30%			LIFE	* *			
Metal Panel	50%			LIFE	* *	5	$5,900	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Pavers/Stone	100%			2040	* *			
Activity Yard								
Asphalt	50%			2040	* *			
Pavers/Stone	50%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR
Asset # : 13451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5		
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$200	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Backflow Preventer Room								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$2,500	
Generators								
Diesel	100%			2040	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 50 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$300	
Fuel Storage								
Day Tank	100%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 75 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	25%			2036	* *	10	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office, Classroom, Mechanical And Electrical Rooms								
Explanation : T-8 Lamps								
Incandescent	25%			2036	* *	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Incandescent Spotlights For Showcase Lighting								
LED	50%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR
Asset # : 13451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	50%			2031	$18,700	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Operated Via Photocell								
No Component	50%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$3,000	1	$600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2036	* *	1-3	$1,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	90%			2036	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Mechanical Room								
Explanation : 5 Units								
Radiant Heater	10%			2036	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Atrium								
Explanation : 2 Gas Fired Unit Heaters								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	70%			2029	$71,700	2	$300	
Split Unit	30%			2031	$44,800			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,500	
Exhaust Fans								
Roof	100%			2031	$12,200	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR
Asset # : 13451

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	* *	1	$400	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 314 - BK**		
Address	: **330 59 STREET BTWN: 4 AVE., GOWANUS EXPWY.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K314**
Program / Asset #	: **BOE0594.000 / 1249**	**Yr Built/Renovated**	: **1982 / 2008**
Area Sq Ft	: **216,719**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **862** **Lot** : **12**	**BIN**	: **3016258**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$155,500	$95,500
Interior Architecture	$235,600	$201,900
Electrical	$333,500	
Mechanical	$113,500	$53,700
Total	**$838,100**	**$351,100**
Importance Code A	$155,500	$95,500
Importance Code B	$623,400	$255,600
Importance Code C	$59,100	
Total	**$838,100**	**$351,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,700		$35,200	$9,000
Interior Architecture	$86,200	$13,400		$26,400
Electrical	$80,400	$21,100	$36,400	$22,300
Mechanical	$104,300	$62,100	$165,000	$64,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$315,500**	**$104,500**	**$244,500**	**$130,100**
Importance Code A	$55,500	$18,800	$54,400	$27,800
Importance Code B	$260,000	$80,500	$190,000	$102,300
Importance Code C		$5,200		
Total	**$315,500**	**$104,500**	**$244,500**	**$130,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$11,900	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : West Facade At Entry								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Not Surveyed								
Explanation : Exterior In Scaffolding								
Masonry: Brick Cavity	75%			LIFE	* *	5	$95,500	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Not Surveyed								
Explanation : Building Covered In Scaffolding								
Metal Panel	5%			2051	* *	5-10	$43,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Not Surveyed								
Explanation : Building Covered In Scaffolding								
Pre-Cast Concrete	5%			LIFE	* *	5	$20,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Not Surveyed								
Explanation : Building Covered In Scaffolding								
Windows								
Aluminum	95%			2047	* *	5	$18,100	
Glass Block	2%			LIFE	* *	5	$200	
Metal Louvers	3%			2040	* *	10	$3,600	
Parapets								
Masonry: Brick	2%	2-4	$1,100	LIFE	* *	5	$400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Copings								
Masonry: Brick Cavity	85%	Now	$35,700	LIFE	* *	5	$17,700	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : North East Corner								
Pre-Cast Concrete	13%			LIFE	* *	5	$17,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	80%	Now	$155,500	2036	* *			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 20%								
Location : Throughout								
Insul Miss/Displaced, Extent : Severe, Area Affected : 10%								
Location : Various								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : At Roof Drains								
Metal Panel	5%			2036	* *	10	$15,100	
Modified Bitumen	5%			2036	* *	10	$8,200	
Plaza Roof: Stone Panels	10%			2057	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Side Between Building Masses								
Explanation : Courtyard Over Cafeteria								
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$141,900	
Ceramic Tile	5%			2040	* *	5	$16,200	
Terrazzo	5%			LIFE	* *	5	$12,700	
Vinyl Tile	65%	2-4	$116,500	2036	* *	3	$79,100	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Corridor Floors 1, 2, 3 In New Addition								
Wood	5%			2034	* *	5	$30,400	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$10,500	
Concrete Masonry Unit	15%	Now	$59,100	LIFE	* *	5	$12,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement Storage Area								
Masonry: Brick	9%			LIFE	* *			
Mosaic Tile	1%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$31,400	
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2044	* *	5	$81,100	
AcousTileConcealSpLn	15%			2044	* *	5	$60,800	
AcousTileSusp.Lay-In	37%			2044	* *	5	$120,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Third Floor								
Exposed Struc: Concrete	10%			LIFE	* *	5	$5,100	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2036	* *			
Gypsum Board	3%			LIFE	* *	5	$12,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			
Activity Yard								
Asphalt	50%			2040	* *			
Rubber Matting	50%			2031				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Main Service Disconnect Switches Rated At 1,600 Amperes Each								
Transformers								
Dry Type	100%			2036	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 300 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$900	
Raceway								
Conduit	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	20%			2039	* *	5	$1,000	
Molded Case Bkrs	80%			2039	* *	5	$4,600	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$1,500	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$66,700	
Generators								
Diesel	100%			2027	$138,700	1	$83,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 225 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$48,300	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$194,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2036	* *	10	$100	
Egress Lighting								
Emergency, Service	25%			2036	* *	1		
Emergency, Battery	25%			2036	* *	10	$13,100	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
No Component	80%							
Under Construction	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Roof Under Construction, Lighting Operated Via Timer								
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$33,500	2036	* *	1-3	$36,400	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : System Stays Introuble Mode And Experience False Alarms								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Heat Exchanger, Plate & Frame	25%			2040	* *	1	$26,800	
Steam Boiler	75%			2036	* *	1	$161,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Pit								
Explanation : Three Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	25%			2047	* *	4	$2,700	
Central Plant Steam Piping/Pmp	75%			2051	* *	4	$8,000	
Terminal Devices								
Convector/Radiator	50%			2044	* *	1	$35,000	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse Mechanical Room								
Explanation : Covered Under The Air Conditioning Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	95%			2036	* *	1	$95,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse And First Floor Mechanical Equipment Rooms								
Split Unit	5%			2036	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2051	* *	4	$10,700	
Terminal Devices								
Air Handler/Cool/Ht	70%			2036	* *	1	$93,800	
Fan Coil - 4 Pipe	30%			2036	* *	1	$21,000	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Classrooms								
Explanation : Dual Temperature Unit Ventilators In Classrooms								
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$150,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$120,800	
Exhaust Fans								
Interior	40%			2036	* *	2	$2,700	
Roof	5%	0-2	$21,000	2041	* *	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof Two Defective Exhaust Fans, Approximately Ten Fans Total								
Roof	55%			2036	* *	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallons								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$32,100	
Not in Service, Extent : Light, Area Affected : 50%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2026	$43,400	4	$4,600	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room Pit								
Sewage Ejector(s)								
Electric	100%			2026	$113,500	4	$8,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
Generic	100%			2036	* *	1	$13,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2051	* *	1-5	$68,000	
Sprinkler								
No Component	50%							
Generic	50%			2051	* *	1-2	$30,300	
Chemical System								
No Component	95%							
Generic	5%			2029	$4,100	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 315 - Q**		
Address	: **43-18 97TH PLACE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q315**
Program / Asset #	: **BOE1181.000 / 14927**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **126,777**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **1613** **Lot** : **17**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$336,700	$336,700
Interior Architecture	$415,800	$350,400
Electrical		$111,600
Mechanical		$170,300
Total	**$752,400**	**$969,000**
Importance Code A	$336,700	$336,700
Importance Code B	$75,800	$357,700
Importance Code C	$340,000	$274,600
Total	**$752,400**	**$969,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$118,600			
Interior Architecture	$107,200	$9,700	$33,800	$1,900
Electrical	$15,900	$13,100	$11,900	$11,200
Mechanical	$119,000	$51,900	$74,600	$54,000
Site Enclosure	$200			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$375,800**	**$89,500**	**$135,100**	**$81,900**
Importance Code A	$125,100	$6,300	$6,300	$6,300
Importance Code B	$219,600	$77,800	$128,800	$75,600
Importance Code C	$31,100	$5,400		
Total	**$375,800**	**$89,500**	**$135,100**	**$81,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 315 - Q

Asset # : 14927

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$19,500	
Masonry: Brick Cavity	75%			LIFE	* *	5	$234,300	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$58,600	
Window Wall	5%			2053	* *	5	$29,300	
Windows								
Aluminum	9%	Now	$4,600	2049	* *	5	$2,400	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Room 401								
Aluminum	90%			2049	* *	5	$48,200	
Metal Louvers	1%			2042	* *	10	$3,300	
Parapets								
Cast in Place Concrete	90%			LIFE	* *	5	$439,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Roof Membrane Adheared To Interior Parapet Wall								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$67,100	
Roof								
Plaza Roof: Stone Panels	60%			2053	* *			
Play Surface	40%			2038	* *	10	$46,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Ground Floor Play Yard								
Explanation : Roof Of Basement								
Soffits								
Metal Panel	100%			2059	* *	5-10	$7,500	
Interior								
Floors								
Carpet	2%	4+	$3,400	2032	$67,100	3	$5,700	
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Basement Library								
Cast in Place Concrete	10%			LIFE	* *	5	$83,000	
Ceramic Tile	10%			2046	* *	5	$19,000	
Quarry Tile	3%			2050	* *	5	$8,500	
Terrazzo	5%			LIFE	* *	5	$14,800	
Vinyl Tile	65%			2038	* *	3	$46,300	
Wood	5%			2061	* *	5	$17,800	
Interior Walls								
Ceramic Tile	40%			2046	* *	5	$173,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$52,000	
Folding Partition	1%			2055	* *	5	$10,800	
Gypsum Board	4%	Now	$4,800	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Stair Bulkheads								
Gypsum Board	35%			LIFE	* *	5-10	$257,700	
Wood	5%			LIFE	* *	5	$173,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 315 - Q

Asset # : 14927

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%			2050	* *	5	$151,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$17,800	
Gypsum Board	10%	Now	$6,200	LIFE	* *	5	$22,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Stair Bulkhead								
Site Enclosure								
Fence/Gates								
Metal: Cage/Fence	100%			LIFE	* *	10	$200	
Free Standing Walls								
Concrete Masonry Unit	100%			2059	* *			
Retaining Walls								
Concrete Masonry Unit	100%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Pavers/Stone	100%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Courtyard								
Explanation : Stone Pavers Path In Basement Courtyard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Ampere And Three 2,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2046	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Elevators Room At Roof								
Explanation : Two Transformer Each 40 Kilovolt Amperes 480 Volt To 208 Volt/120 Volt								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$500	
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2055	* *	5	$300	
Molded Case Bkrs	90%			2055	* *	5	$3,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 315 - Q

Asset # : 14927

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	60%			2050	* *	5	$500	
Variable Frequency Drive	40%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$39,000	
Generators								
Diesel	100%			2046	* *	1	$49,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 350 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$4,700	
Fuel Storage								
Main Tank	100%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	94%			2041	* *	10	$109,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2041	* *	10	$2,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 1st Floor Lobby								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Service	60%			2041	* *	1		
Exit, Service	40%			2041	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$1,200	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 315 - Q

Asset # : 14927

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2041	* *	1	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Generic	10%			2041	* *	1	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2041	* *	1-3	$15,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$62,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2055	* *	4	$6,200	
Terminal Devices								
Air Handler	70%			2038	* *	1	$54,900	
Convector/Radiator	25%			2046	* *	1	$10,200	
Fan Coil Unit/Heat	5%			2038	* *	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2038	* *	1	$58,800	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2059	* *	4	$6,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$78,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 315 - Q

Asset # : 14927

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	100%			2038	* *	2	$88,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$111,900	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit With One 300 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$3,900	4	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units For The Pits Of Elevators								
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$5,000	
Backflow Preventer								
Generic	100%			2041	* *	1	$7,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sub Basement To Ground Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$63,900	
Sprinkler								
Generic	100%			2053	* *	1-2	$35,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 315 - Q

Asset # : 14927

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2042	* *	1	$23,700	
Chemical System								
Generic	100%			2031	$102,000	1-3	$93,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 25 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 316 - BK**		
Address	: **750 CLASSON AVENUE BTWN: STERLING PL., PARK PL.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K316**
Program / Asset #	: **BOE0595.000 / 1250**	**Yr Built/Renovated**	: **1966 / 2009**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1167** **Lot** : **18**	**BIN**	: **3029246**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,581,900	$313,500
Interior Architecture	$23,003,200	$223,800
Electrical	$470,500	$684,800
Mechanical	$894,800	$812,300
Site Pavements		$472,300
Total	**$25,950,600**	**$2,506,700**
Importance Code A	$1,581,900	$313,500
Importance Code B	$24,368,600	$1,695,500
Importance Code C		$497,700
Total	**$25,950,600**	**$2,506,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$40,300	$16,100	$5,400	
Electrical	$3,300	$31,200	$2,400	$2,300
Mechanical	$87,000	$24,700	$18,100	$11,900
Site Pavements	$52,900			
Total	**$183,500**	**$72,000**	**$25,900**	**$14,200**
Importance Code A	$36,200	$8,400	$8,200	$8,200
Importance Code B	$97,300	$63,600	$14,300	$6,000
Importance Code C	$50,000		$3,400	
Total	**$183,500**	**$72,000**	**$25,900**	**$14,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	0-2	$147,800	LIFE	* *	5	$123,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : All Elevations								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Beams								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Masonry: Brick Cavity	80%	Now	$430,400	LIFE	* *	5	$98,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : All Elevations								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Windows								
Aluminum	99%	Now	$101,300	2038	* *	5	$18,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : At Windows								
Explanation : Protective Metal Gates								
Metal Louvers	1%			2033	$20,700	10	$2,300	
Parapets								
Metal Rail	75%			2035	* *	5-10	$232,000	
Metal Security Bars	25%			2045	* *			
Roof								
Copper/Terne	5%			2058	* *	10	$10,600	
IRMA/Protected Membrane	95%	Now	$761,500	2040	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Main Roof And Cafeteria Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$3,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$8,100	
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	10%			2035	* *	3	$6,000	
Vinyl Tile 9" X 9"	80%			2025	$22,767,100	3	$48,400	
Interior Walls								
Ceramic Tile	3%			2033	$223,800	5	$4,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Folding Partition	2%			2046	* *	5	$6,800	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%	Now	$36,300	LIFE	* *	5	$22,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Stair Bulkhead								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	Now	$77,800	2035	* *	5	$24,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Concrete	15%	Now	$72,500	LIFE	* *	5	$3,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Stair Bulkheads								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Stair Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Window Lintels, Rooms 103 And 113								
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Metal Decking								
Fiber Board	5%			2035	* *			
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Auditorium								
Gypsum Board	10%			LIFE	* *	5	$20,200	
Plaster	35%	2-4	$85,800	LIFE	* *	5	$35,300	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Small Cafeteria Room 198 And Various 3rd Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2050	* *			
Iron Picket	90%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Parking Area								
Explanation : These Are Areaway Walls For The Exterior Stair Leading Down To Basement Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$39,200	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Area Entrance At Rear Of School								
On-Site Walkways								
Asphalt	10%			2033	$3,100			
Cast in Place Concrete	90%			2035	* *			
Parking/Driveway								
Asphalt	100%	Now	$13,700	2033	$273,900			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Rear Of School								
Activity Yard								
Asphalt	90%			2033	$198,400			
Cast in Place Concrete	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$31,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2030	$13,600	5	$100	
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$182,100	5	$300	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	95%			2030	$191,700	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	10%			2046	* *	5	$200	
Molded Case Bkrs	80%			2029	$191,600	5	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$145,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$68,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	8%			2035	* *	10	$6,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Lobby								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2025	$69,700	10	$10,000	
Exit, Service	50%			2025	$17,900	1		
Exterior Lighting								
HID	30%			2025	$116,200	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Perimeter								
Explanation : Operated Via Photocell								
No Component	70%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2045	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Chimney Stack Only								
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$9,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$64,200	1-3	$15,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$25,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	2-4	$36,200	2035	* *	1	$74,000	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Shells In Basement								
Leak Evident, Extent : Light, Area Affected : 50%								
Location : Leaky Boiler Casing In Basement								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$233,400	2040	* *	4	$4,100	
Insul. Deteriorating, Extent : Severe, Area Affected : 40%								
Location : Boiler Room, Fan Room, Cross Bay								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Crawl Space Under Auditorium, A And B Basement Staircases, Vacuum Pumps And Other Locations								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Boiler Room And Fan Room - Defective Vacuum Pumps, Defective Steam Traps Throughout								
Terminal Devices								
Air Handler	20%	Now	$6,200	2025	$312,400	1	$9,200	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room - Deteriorated Flexible Connections								
Convector/Radiator	80%			2028	$543,000	1	$21,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	Now	$37,700	2025	$94,300	1		
Not in Service, Extent : Severe, Area Affected : 25%								
Location : 8 Of 12 Units In Classrooms								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	
Exhaust Fans								
Interior	20%	Now	$3,700	2025	$73,600	2	$400	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Toilet Exhaust - No Ventilation								
Roof	80%			2025	$128,800	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2040	* *	1		
Galvanized Steel	20%			2028	$211,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Tank								
Sanitary Piping								
Cast Iron	100%	2-4	$52,300	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : 1st Floor								
Explanation : Grease Traps In Kitchen Failed								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$800	2030	$16,600	4	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room - Defective Controls								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$57,400	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 319 - BK**				
Address	: **360 KEAP STREET @ S.3RD ST**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K319**	
Program / Asset #	: **BOE0597.000 / 4417**		**Yr Built/Renovated**	: **1975 / 2000**	
Area Sq Ft	: **11,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **21-Oct-2021**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2424**	**Lot** : **1**	**BIN**	: **3063189**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$485,700	
Interior Architecture		$368,100
Electrical		$108,400
Mechanical		$286,300
Total	**$485,700**	**$762,700**
Importance Code A	$485,700	$286,300
Importance Code B		$476,400
Total	**$485,700**	**$762,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,300			
Interior Architecture	$37,000			$2,000
Electrical	$1,400	$1,000	$1,000	$1,400
Mechanical	$1,800	$1,100	$500	$1,100
Site Pavements	$35,500			
Total	**$86,000**	**$2,100**	**$1,500**	**$4,500**
Importance Code A	$10,300	$1,000		$1,000
Importance Code B	$69,600	$1,100	$1,500	$3,400
Importance Code C	$6,100			
Total	**$86,000**	**$2,100**	**$1,500**	**$4,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 319 - BK

Asset # : 4417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	$63,500	LIFE	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Base Or Wall								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Base And Corners Of Wall								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : South 3rd Street Wall								
Metal Panel	10%			2053	* *	5-10	$8,800	
Window Wall	30%	Now	$117,100	2063	* *	5	$7,200	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Not Insulated, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Foyer								
Explanation : Glazing Loose								
Windows								
Aluminum	100%	Now	$10,300	2058	* *	5	$100	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 100%								
Location : All Windows								
Roof								
Modified Bitumen	100%	2-4	$305,100	2043	* *			
Alligatoring, Extent : Moderate, Area Affected : 75%								
Location : Throughout Seams								
Blisters, Extent : Moderate, Area Affected : 20%								
Location : North Side Of Roof								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2038	* *	5	$400	
Interior								
Floors								
Ceramic Tile	5%			2042	* *	5	$700	
Panel/Paver: Cer/Brk	5%			2049	* *	5	$1,700	
Vinyl Tile	90%			2033	$368,100	3	$6,700	
Interior Walls								
Concrete Masonry Unit	40%			LIFE	* *	5	$4,700	
Masonry: Brick	30%			LIFE	* *	10	$1,300	
Plaster	30%			LIFE	* *	5-10	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 319 - BK

Asset # : 4417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Steel	90%			LIFE	* *	10	$26,600	
Metal Panel	5%			LIFE	* *	5	$1,900	
Plaster	5%			LIFE	* *	5-10	$1,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	85%			2046	* *			
Pavers/Stone	15%	Now	$30,700	2048	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : South 3rd Street								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : South 3rd Street								
Sinking/Subsiding, Extent : Severe, Area Affected : 50%								
Location : South 3rd Street								
Activity Yard								
Asphalt	100%	0-2	$4,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Inner Court Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$108,400	5		
Raceway								
Conduit	100%			2033	$25,700	1		
Panelboards								
Fused Disc Sw	50%			2032	$20,000	5	$100	
Molded Case Bkrs	50%			2032	$20,000	5	$100	
Wiring								
Thermoplastic	100%			2033	$28,700	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Lights								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 319 - BK

Asset # : 4417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$1,300	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$20,600	1	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$28,400	1-3	$7,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Radiant Heater	25%			2033	$71,600	2	$1,300	
Radiant Heater	75%			2033	$214,700	2	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Floor Heating System								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2028	$24,100	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units. Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Units Are On Extended Life Time.								
Split Unit	5%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit. R-410a								
Window/Wall Unit	75%			2028	$31,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 319 - BK

Asset # : 4417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$4,900	
No Component	50%							
Exhaust Fans								
Roof	50%			2033	$10,700	2	$200	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 32 - BX**
Address : **690 EAST 183 STREET BET CAMBRELENG AND BEAUMONT AVES**
Borough : **BRONX** | **Agency's Number** : **X032**
Program / Asset # : **BOE0179.000 / 202** | **Yr Built/Renovated** : **1899 / 2011**
Area Sq Ft : **82,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Apr-2022** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **3085** **Lot** : **1** | **BIN** : **2012409**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$372,900	$740,200
Interior Architecture	$8,125,400	$1,574,200
Electrical	$75,700	$343,200
Mechanical		$358,400
Total	**$8,573,900**	**$3,016,000**
Importance Code A	$372,900	$740,200
Importance Code B	$7,730,200	$2,275,800
Importance Code C	$470,900	
Total	**$8,573,900**	**$3,016,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,000			
Interior Architecture	$72,200		$15,800	$10,400
Electrical	$21,500	$7,700	$9,400	$7,700
Mechanical	$101,000	$53,800	$46,900	$30,300
Total	**$260,700**	**$61,500**	**$72,100**	**$48,300**
Importance Code A	$74,100	$8,100	$8,100	$8,100
Importance Code B	$179,700	$53,400	$64,000	$34,900
Importance Code C	$6,900			$5,300
Total	**$260,700**	**$61,500**	**$72,100**	**$48,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$222,600	
Masonry: Brick	75%	4+	$117,300	LIFE	* *	5	$71,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Boiler Room								
Masonry: Brownstone	10%			LIFE	* *	5	$14,200	
Windows								
Aluminum	100%			2049	* *	5	$29,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$49,800	
Copper/Terne	15%			2068	* *	5	$12,700	
Masonry: Brick	65%	Now	$144,300	LIFE	* *	5	$11,400	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Parapet Walls								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Inside Face Of Parapet Walls								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Parapets								
Explanation : Covered With Flaking And Spalling Stucco								
Metal Security Bars	5%			2048	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$11,000	
Roof								
Built-Up (BUR)	80%			2033	$557,700	10	$47,800	
Copper/Terne	10%			2048	* *	10	$14,900	
Roll Roofing	5%			2029	$19,400	5	$5,000	
Skylight, Metal/Glass	2%			2053	* *	10	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Over Pool								
Explanation : Glass Skylight								
Skylight, Plastic	3%			2038	* *	1		
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	12%			LIFE	* *	5	$71,200	
Ceramic Tile	5%			2036	* *	5	$6,800	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Toilet Rooms								
Mosaic Tile	3%			2038	* *	5	$10,200	
Poured Epoxy/Resin	20%			2031	$1,519,100			
Quarry Tile	2%			2046	* *	5	$4,100	
Terrazzo	5%	Now	$126,800	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Vestibule Area								
Vinyl Tile	13%			2038	* *	3	$6,600	
Vinyl Tile 9" X 9"	30%	Now	$7,178,800	2043	* *	3	$15,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	10%	Now	$80,900	2048	* *	5	$12,700	
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Auditorium								
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$10,500	
Ceramic Tile	5%	Now	$116,000	2036	* *	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Masonry: Brick	10%	Now	$200,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Plaster	60%	Now	$154,000	LIFE	* *	5	$19,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout, Especially Fourth Floor And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Especially North Side Of Fourth Floor								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	12%			2046	* *	5	$16,300	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$16,900	
Exposed Struc: Steel	3%			LIFE	* *	10	$8,100	
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Explanation : Covered With Fireproofing								
Masonry: Infill Arch	10%			LIFE	* *	10	$6,800	
Plaster	65%	Now	$268,000	LIFE	* *	5	$55,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Main Stair Between 3rd And 4th Floors								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Various Classrooms, Bulkhead								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2043	* *			
Iron Picket	75%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	75%			2046	* *			
Pavers/Stone	5%			2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairs At Entries								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Stairs At Entries								
Not Accessible	20%							
Activity Yard								
Asphalt	98%			2036	* *			
Rubber Matting	2%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 1,200 Amperes								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Service Switch Rated At 200 Amperes For Emergency Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	75%	2-4	$75,700	2053	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Conduit	25%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$59,700	5	$300	
Locally Mounted	40%			2046	* *	5	$200	
Variable Frequency Drive	10%			2050	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,200	
Generic	50%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$67,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$3,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Cafeteria And Auditorium								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	25%			2028	$12,600	1		
Emergency, Battery	25%			2028	$34,400	10	$4,900	
Exit, Battery	50%			2028	$58,100	10	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%	Now	$3,800	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Controlled Via Timer, On During Daytime								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$153,900	1	$30,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$50,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$81,200	
Distribution								
Steam Piping/Pump	100%	Now	$32,800	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Return Line. Boiler Room								
Terminal Devices								
Air Handler	20%			2038	* *	1	$10,100	
Convector/Radiator	80%			2038	* *	1	$21,200	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	5%	0-2	$6,500	2034	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pool Temperature Control Malfunctioining								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Swimming Pool								
Explanation : Pool Air Conditioner And Dehumidifier								
Window/Wall Unit	30%	0-2	$4,700	2028	$93,200	1		
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,400	
Exhaust Fans								
Interior	90%			2038	* *	2	$2,300	
Roof	10%			2033	$15,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	10%			LIFE	* *	1		
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$16,400	4	$2,600	
Pool Filter/Treatment								
Sand	100%			2038	* *	4	$20,300	
Sewage Ejector(s)								
Electric	100%			2041	* *	4	$4,900	
Backflow Preventer								
Generic	100%			2038	* *	1	$5,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2053	* *	1-2	$4,600	
Chemical System								
Generic	100%			2031	$265,200	1-3	$241,900	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression 65 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 32 - BX
Asset # : 202

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 32 - BX MINISCHOOL**		
Address	: **690 EAST 183 STREET BTWN: CAMBRELENG AVE, BEAUMONT**		
Borough	: **BRONX**	**Agency's Number**	: **X832**
Program / Asset #	: **BOE0179.010 / 509**	**Yr Built/Renovated**	: **1969 / 2002**
Area Sq Ft	: **7,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3085** **Lot** : **1**	**BIN**	: **2012409**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$306,200	
Interior Architecture	$1,831,600	
Electrical		$111,800
Total	**$2,137,800**	**$111,800**
Importance Code A	$306,200	
Importance Code B	$1,831,600	$111,800
Total	**$2,137,800**	**$111,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,200		$800	
Interior Architecture	$53,200		$100	$1,800
Electrical	$700	$800	$800	$700
Mechanical	$5,300	$400	$25,300	$400
Site Pavements	$11,000			
Total	**$77,500**	**$1,300**	**$26,900**	**$2,900**
Importance Code A	$7,600	$400	$1,200	$400
Importance Code B	$51,100	$900	$25,800	$2,000
Importance Code C	$18,900			$500
Total	**$77,500**	**$1,300**	**$26,900**	**$2,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX MINISCHOOL

Asset # : 509

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$306,200	2043	* *	5	$28,900	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : All Facades								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : All Facades								
Windows								
Aluminum	98%			2041	* *	5	$1,300	
Metal Louvers	2%			2036	* *	10	$200	
Roof								
Metal Panel	100%	Now	$7,200	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Girls Toilet And Mechanical Room								
Soffits								
Metal, Corrugated	100%			2043	* *	1		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,700	
Ceramic Tile	5%	Now	$3,400	2036	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Vinyl Tile	5%			2038	* *	3	$200	
Vinyl Tile 9" X 9"	85%	Now	$1,831,600	2043	* *	3	$3,900	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,000	
Concrete Masonry Unit	45%			LIFE	* *	5	$7,000	
Metal Panel	50%			LIFE	* *	10	$4,300	
Ceilings								
AcousTileSusp.Lay-In	100%	4+	$40,600	2046	* *	5	$6,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
On-Site Walkways								
Asphalt	50%			2036	* *			
Cast in Place Concrete	50%	4+	$11,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : South And East Sides Of Building								
Activity Yard								
Asphalt	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 32 - BX MINISCHOOL
Asset # : 509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$111,800	10	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	$6,300	10	$900	
Exit, Battery	50%			2033	$5,300	10	$300	
Exterior Lighting								
HID	10%			2028	$3,500	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$14,100	1	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2043	* *	1-3	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2038	* *	1	$3,700	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX MINISCHOOL

Asset # : 509

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2034	* *	2	$500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,600	
Exhaust Fans								
Interior	100%			2033	$33,300	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2026	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 50 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 320 - Q**		
Address	: **360 SENECA AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q320**
Program / Asset #	: **BOE1182.000 / 14928**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **71,584**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **3425** **Lot** : **7**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$164,600	$164,600
Interior Architecture	$267,000	$190,200
Electrical		$62,400
Mechanical	$153,900	$2,341,500
Total	**$585,500**	**$2,758,700**
Importance Code A	$164,600	$164,600
Importance Code B	$153,900	$2,463,900
Importance Code C	$267,000	$130,200
Total	**$585,500**	**$2,758,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,700		$4,900	
Interior Architecture	$36,900		$61,100	$5,400
Electrical	$8,700	$6,700	$8,300	$6,700
Mechanical	$106,000	$65,800	$57,000	$39,700
Site Pavements	$4,300			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$237,400**	**$87,300**	**$146,200**	**$66,500**
Importance Code A	$70,200	$3,500	$8,500	$3,500
Importance Code B	$157,900	$83,800	$137,700	$63,000
Importance Code C	$9,400			
Total	**$237,400**	**$87,300**	**$146,200**	**$66,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 320 - Q

Asset # : 14928

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$171,500	
Window Wall	10%	Now	$28,900	2053	* *	5	$17,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Down To 2nd Floor								
Windows								
Aluminum	100%			2049	* *	5	$29,600	
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$157,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Parapet								
Explanation : Covered With Modified Roofing								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$25,500	
Metal Rail	5%			2046	* *	5-10	$8,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Location Noted								
Roof								
Modified Bitumen	2%	Now	$4,400	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Penthouse And Stair A								
Plaza Roof: Stone Panels	98%			2053	* *			
Soffits								
Cement - Fiber Panel	60%			2038	* *	10	$2,400	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Soffits Facing Play Yard								
Metal Panel	40%			2053	* *	5-10	$3,500	
Interior								
Floors								
Carpet	2%			2032	$37,900	3	$3,200	
Cast in Place Concrete	5%			LIFE	* *	5	$23,400	
Ceramic Tile	10%			2042	* *	5	$10,700	
Poured Epoxy/Resin	1%			2031	$60,000			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Room 305 A								
Explanation : Location Noted								
Quarry Tile	3%			2046	* *	5	$4,800	
Terrazzo	10%			LIFE	* *	5	$16,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vinyl Tile	64%			2038	* *	3	$25,700	
Wood	5%			2061	* *	5	$10,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 320 - Q

Asset # : 14928

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	45%			2042	* *	5	$134,700	
Concrete Masonry Unit	15%	4+	$84,400	LIFE	* *	5	$18,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Penthouse And Stair Bulkhead								
Gypsum Board	35%			LIFE	* *	5-10	$178,100	
Mosaic Tile	5%			LIFE	* *	10	$9,400	
Ceilings								
AcousTileSusp.Lay-In	88%			2046	* *	5	$88,000	
Exposed Struc: Steel	2%			LIFE	* *	10	$4,000	
Gypsum Board	10%	Now	$3,500	LIFE	* *	5	$12,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement By Elevator								
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	80%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	50%			2068	* *			
Masonry: Brick	50%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Dekalb Avenue								
Explanation : Recent Repairs Evident								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	90%	2-4	$4,300	2042	* *			
Ponding, Extent : Light, Area Affected : 2%								
Location : Play Yard								
Sinking/Subsiding, Extent : Light, Area Affected : 2%								
Location : Play Yard								
Rubber Matting	10%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 320 - Q

Asset # : 14928

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5	$300	
Molded Case Bkrs	80%			2049	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	30%			2046	* *	5	$100	
Variable Frequency Drive	70%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	75%			2038	* *	10	$49,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2038	* *	10	$13,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$8,600	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
Fluorescent	1%			2038	* *	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Main Entrance Canopy								
LED	9%			2038	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 320 - Q

Asset # : 14928

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$13,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$13,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$44,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$35,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Penthouse								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$5,300	
Terminal Devices								
Air Handler	80%			2038	* *	1	$35,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Units								
Convector/Radiator	20%			2046	* *	1	$4,600	
Controls								
Digital	100%	Now	$41,100	2031	$2,055,900			
Software Issue Suspected, Extent : Moderate, Area Affected : 100%								
Location : Boiler Temp Controls Locked And Cannot Be Adjusted								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 320 - Q

Asset # : 14928

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	80%	Now	$84,500	2038	* *	1	$23,900	
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : Coils In Units								
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : 4 Compressors								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 12 Units, R-410a Refrigerant								
Split Unit	20%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2053	* *	4	$5,300	
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$69,400	2038	* *	1	$39,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Unit Energy Wheels Bypassed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Units								
Heat Rejection								
Air Cooled Condenser Unit	100%			2038	* *	2	$49,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,200	
Exhaust Fans								
Roof	100%			2038	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,400	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Penthouse								
Explanation : 1 Unit. 300 Gallons. Quantity 1								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 320 - Q

Asset # : 14928

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Penthouse								
Explanation : 1 Unit. 300 Gallons. Quantity 1								
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$36,100	
Sprinkler								
Generic	100%			2053	* *	1-2	$20,100	
Fire Pump								
Generic	100%			2042	* *	1	$13,400	
Chemical System								
Generic	100%			2031	$285,600	1-3	$260,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 70 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 321 - BK**				
Address	: **180 7TH AVENUE BETWEEN 1ST AND 2ND STREETS**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K321**	
Program / Asset #	: **BOE0599.000 / 1253**		**Yr Built/Renovated**	: **1966 / 2006**	
Area Sq Ft	: **79,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **17-Dec-2021**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **971**	**Lot** : **28**	**BIN**	: **3337516**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$634,600	
Interior Architecture	$1,359,200	$1,131,100
Electrical	$159,700	$791,400
Mechanical		$2,652,500
Site Pavements	$51,200	$302,800
Total	**$2,204,700**	**$4,877,800**
Importance Code A	$634,600	$688,600
Importance Code B	$1,512,800	$4,189,200
Importance Code C	$57,300	
Total	**$2,204,700**	**$4,877,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$86,800			
Interior Architecture	$203,600		$10,300	$9,700
Electrical	$18,200	$7,400	$9,100	$8,300
Mechanical	$115,600	$17,100	$24,200	$28,100
Site Enclosure	$30,400			
Site Pavements	$31,800			
Total	**$486,400**	**$24,500**	**$43,700**	**$46,100**
Importance Code A	$114,500	$7,800	$7,800	$7,800
Importance Code B	$212,300	$16,700	$29,900	$38,300
Importance Code C	$159,600		$5,900	
Total	**$486,400**	**$24,500**	**$43,700**	**$46,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	83%	0-2	$142,500	LIFE	* *	5	$34,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Inner Courtyard								
Masonry: Brick Cavity	10%			LIFE	* *	5	$8,300	
Masonry: Limestone	5%			LIFE	* *	5	$3,100	
Window Wall	2%			2053	* *	5	$3,100	
Windows								
Aluminum	98%	Now	$74,900	2049	* *	5	$7,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 201 And 301								
Metal Louvers	2%			2042	* *	10	$2,000	
Parapets								
Masonry: Brick Cavity	83%	0-2	$36,000	LIFE	* *	5	$7,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%			2053	* *	5	$700	
Pre-Cast Concrete	15%			LIFE	* *	5	$16,300	
Roof								
Copper/Terne	5%	Now	$6,100	2048	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								
IRMA/Protected Membrane	95%	Now	$417,300	2038	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Insul Deter/Miss, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$61,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	1%			2032	$19,700	3	$1,700	
Cast in Place Concrete	10%	0-2	$47,300	LIFE	* *	5	$24,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2046	* *	5	$5,600	
Quarry Tile	8%			2038	* *	5	$13,300	
Sheet Vinyl/Rubber	5%	Now	$36,400	2033	$363,600	5	$4,200	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Classrooms								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Classrooms								
Vinyl Tile	25%	0-2	$153,500	2028	$767,600	3	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Vinyl Tile 9" X 9"	45%	Now	$882,700	2043	* *	3	$18,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 65%								
Location : Throughout								
Wood	1%			2061	* *	5	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$25,900	2042	* *	5	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Concrete Masonry Unit	10%	0-2	$44,300	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	5%			2041	* *	5	$11,800	
Plaster	50%	Now	$57,300	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$42,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : By House Trap								
Ceilings								
AcousTile,Adhered	25%	Now	$89,400	2046	* *	5	$13,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 1st Floor Classrooms								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	10%	0-2	$83,300	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%	4+	$7,400	LIFE	* *	5	$13,900	
Deformed/Dented, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Plaster	55%	Now	$93,000	LIFE	* *	5	$38,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Impact Damage, Extent : Light, Area Affected : 2%								
Location : North Side								
Iron Picket	25%	Now	$21,600	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Street								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%	Now	$8,800	2043	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : East Side								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : East Side								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$16,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front And Rear Steps								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	60%	0-2	$51,200	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	10%			2042	* *			
Rubber Matting	30%	Now	$15,100	2033	$302,800			
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Playground Throughout								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Playground Throughout								
Explanation : Joints Open								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$175,600	5	$300	
Fused Disc Sw	10%			2053	* *	5		
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	3%			2041	* *	5	$100	
Fused Disc Sw	7%			2032	$12,600	5	$100	
Molded Case Bkrs	10%			2049	* *	5	$200	
Molded Case Bkrs	80%			2032	$143,700	5	$1,700	
Wiring								
Braided Cloth	80%	2-4	$159,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	$20,000	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$400	
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$69,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$66,300	10	$9,500	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
HID	30%			2028	$110,600	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$29,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$48,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$183,700	5	$24,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7,500 Gallons								
Conversion Equipment								
Steam Boiler	90%			2031	$619,700	1	$70,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	10%	0-2	$20,700	2031	$68,900	1	$7,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of Unit No.1								
Distribution								
Steam Piping/Pump	10%	0-2	$38,000	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump In Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Various Locations								
Steam Piping/Pump	90%			2043	* *			
Terminal Devices								
Air Handler	25%			2033	$371,700	1	$12,200	
Convector/Radiator	75%			2031	$484,500	1	$19,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2028	$187,600			
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 6 Units On Lower Roof								
Window/Wall Unit	70%			2028	$209,500	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2028	$192,800	1	$2,600	
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	10%			2028	$18,300	2	$5,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,700	
Exhaust Fans								
Interior	20%			2033	$70,100	2	$500	
Roof	30%			2041	* *	2	$700	
Roof	50%			2028	$76,600	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$51,200	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Tankless Unit With Two 120 Gallon Tanks.								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$7,800	
Sanitary Piping								
Cast Iron	10%	Now	$2,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement. Water Backup From Street Sewer								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	25%	Now	$4,000	2043	* *	4	$400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Non-Submersible	75%			2043	* *	4	$1,300	
Sewage Ejector(s)								
Electric	100%			2028	$41,400	4	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$54,600	1-2	$1,100	
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, Covers 20 Square Feet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 321 - BK MINISCHOOL**		
Address	: **180 7TH AVENUE BETWEEN 1ST AND 2ND STREETS**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K896**
Program / Asset #	: **BOE0599.010 / 1254**	**Yr Built/Renovated**	: **1970 / 2006**
Area Sq Ft	: **12,120**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **971** **Lot** : **28**	**BIN**	: **3337516**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$60,000	$90,600
Interior Architecture		$417,600
Electrical		$306,500
Mechanical	$191,700	
Total	**$251,700**	**$814,700**
Importance Code A	$60,000	$90,600
Importance Code B	$191,700	$724,100
Total	**$251,700**	**$814,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,800			
Interior Architecture	$79,100			$2,500
Electrical	$14,000	$1,100	$1,400	$1,300
Mechanical	$4,800	$600	$1,800	$600
Site Pavements	$4,000			
Total	**$103,600**	**$1,700**	**$3,200**	**$4,400**
Importance Code A	$2,400	$600	$600	$600
Importance Code B	$86,500	$1,100	$2,600	$3,200
Importance Code C	$14,800			$700
Total	**$103,600**	**$1,700**	**$3,200**	**$4,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 321 - BK MINISCHOOL
Asset # : 1254

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2053	* *	5-10	$124,600	
Windows								
Aluminum	100%	Now	$1,800	2049	* *	5	$900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Roof								
Metal Panel	100%			2046	* *	10	$60,000	
Soffits								
Metal Panel	100%			2053	* *	5-10	$10,900	
Interior								
Floors								
Ceramic Tile	5%	Now	$900	2036	* *	5	$400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Main Entrance								
Vinyl Tile	95%	0-2	$41,800	2033	$417,600	3	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,300	
Concrete Masonry Unit	30%			LIFE	* *	5	$6,300	
Metal Panel	65%			LIFE	* *	10	$7,600	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$25,700	2038	* *	5	$7,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Copy Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
On-Site Walkways								
Asphalt	90%	4+	$4,000	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK MINISCHOOL

Asset # : 1254

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	50%			2033	$54,200	5	$200	
Molded Case Bkrs	50%			2059	* *	5	$200	
Raceway								
Conduit	100%			2033	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,000	5		
Molded Case Bkrs	95%			2032	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2033	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	$180,700	10	$11,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2028	$10,200	10	$1,500	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$7,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK MINISCHOOL

Asset # : 1254

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2033	$37,700	1	$6,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Facility Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2027	$191,700	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Facility Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,700	
Exhaust Fans								
Interior	90%			2028	$48,400	2	$300	
Roof	10%			2028	$2,400	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Heater Room								
Explanation : One 80 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 328 - BK**				
Address	: **330 ALABAMA AVENUE @ BLAKE AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K328**	
Program / Asset #	: **BOE0602.000 / 1256**		**Yr Built/Renovated**	: **1967 / 2010**	
Area Sq Ft	: **90,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **25-Jan-2022**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **3768**	**Lot** : **1**	**BIN**	: **3084283**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$130,700	$553,600
Interior Architecture	$1,183,800	
Electrical	$480,100	$1,028,400
Mechanical	$56,200	$4,060,800
Site Pavements		$128,400
Total	**$1,850,800**	**$5,771,200**
Importance Code A	$130,700	$1,338,000
Importance Code B	$1,637,500	$4,433,200
Importance Code C	$82,600	
Total	**$1,850,800**	**$5,771,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,900	$17,300	$4,800	
Interior Architecture	$276,600		$6,300	$14,100
Electrical	$91,100	$8,400	$8,700	$10,900
Mechanical	$123,900	$23,500	$25,500	$24,500
Site Enclosure	$6,300			
Site Pavements	$52,100			
Total	**$617,000**	**$49,100**	**$45,300**	**$49,500**
Importance Code A	$81,800	$26,200	$13,700	$8,900
Importance Code B	$446,300	$22,900	$25,300	$40,600
Importance Code C	$88,900		$6,300	
Total	**$617,000**	**$49,100**	**$45,300**	**$49,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$41,300	
Masonry: Brick	95%			LIFE	* *	5	$261,400	
Marble Panels	2%			LIFE	* *	5	$4,100	
Windows								
Aluminum	20%	Now	$8,200	2055	* *	5	$4,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Various Classrooms								
Aluminum	80%			2055	* *	5	$34,500	
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	$30,700	
Masonry: Limestone	5%			LIFE	* *	5-10	$10,900	
Metal Panel	5%			2053	* *	5	$3,500	
Metal Rail	65%			2038	* *	5-10	$210,700	
Roof								
Built-Up (BUR)	35%			2033	$212,100	10	$18,200	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Built-Up (BUR)	60%			2038	* *	10	$31,200	
Metal Panel	5%			2046	* *	10	$4,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$57,900	
Ceramic Tile	5%	Now	$37,300	2042	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Vinyl Tile	45%	0-2	$82,300	2038	* *	3	$22,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors And Classrooms								
Vinyl Tile 9" X 9"	40%	Now	$935,000	2043	* *	3	$19,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$41,300	2042	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathroom And Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$20,000	
Folding Partition	2%			2041	* *	5	$12,500	
Plaster	60%			LIFE	* *	5-10	$127,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$31,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	2-4	$41,100	2038	* *	5	$6,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	5%	Now	$47,900	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Exposed Struc: Concrete	60%			LIFE	* *	5-10	$95,800	
Exposed Struc: Steel	2%			LIFE	* *	10	$5,100	
Gypsum Board	3%			LIFE	* *	5-10	$13,200	
Metal Panel	5%	2-4	$4,200	LIFE	* *	5	$8,000	
Bent/Warped Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	15%			LIFE	* *	5-10	$32,900	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%	2-4	$6,300	2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$39,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Masonry: Granite	10%			LIFE	* *			
Activity Yard								
Cast in Place Concrete	30%			2046	* *			
Rubber Matting	20%	0-2	$12,800	2033	$128,400			
Worn/Eroded, Extent : Light, Area Affected : 20%								
Location : Playground								
Traffic Topping	25%			2038	* *			
No Component	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Turf Field								
Explanation : Synthetic Turf Field								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$182,100	5	$300	
Fused Disc Sw	20%			2053	* *	5	$100	
Raceway								
Conduit	90%			2033	$181,600	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Fused Knife Sw	20%	2-4	$47,900	2058	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fused Toggle Switch	10%	2-4	$24,000	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	60%			2032	$143,700	5	$1,400	
Wiring								
Braided Cloth	85%	2-4	$248,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2053	* *	1		
Thermoplastic	10%			2033	$29,200	1		
Motor Controllers								
Locally Mounted	90%			2031	$107,500	5	$500	
Locally Mounted	10%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	2%			2038	* *	10	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
Fluorescent	96%			2038	* *	10	$79,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	25%			2028	$37,800	10	$5,400	
Emergency, Battery	25%			2041	* *	10	$5,400	
Exit, Service	40%			2028	$15,500	1		
Exit, Service	10%			2041	* *	1		
Exterior Lighting								
HID	30%			2028	$126,000	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$169,000	1	$33,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$232,200	2043	* *	1-3	$50,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells, Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$209,300	5	$27,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 Units, Each 7,500 Gallon Tank.								
Conversion Equipment								
Steam Boiler	96%			2031	$753,100	1	$85,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Steam Boiler	4%	0-2	$6,300	2031	$31,400	1	$3,200	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Burner No.1, Boiler Room								
Distribution								
Steam Piping/Pump	87%			2033	$627,000			
Steam Piping/Pump	13%	0-2	$56,200	2033	$93,700			
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Defective Steam Traps, Defective Climate Control Thermostat								
Terminal Devices								
Air Handler	25%			2033	$423,400	1	$13,900	
Convector/Radiator	75%			2031	$552,000	1	$21,800	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	5%	0-2	$10,200	2033	$17,000	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Various Locations								
Window/Wall Unit	60%			2031	$204,600	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,500	
Exhaust Fans								
Interior	70%			2028	$279,400	2	$1,900	
Roof	30%			2028	$52,400	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	8%	0-2	$27,600	2031	$91,900	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Deteriorating Domestic Water Distribution Piping								
Galvanized Steel	12%			2031	$137,900	1		
Water Heater With Tanks								
Electric	100%			2032	$70,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room, Kitchen, Nurse Room.								
Explanation : 3 Units. One 120 Gallon Unit With A 180 Gallon Tank. One 40 Gallon Unit. One 2.5 Gallon Unit.								
HW Heat Exchanger								
Steam Fired	100%			2033	$435,200	4	$13,400	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Deteriorating Hot Water Heat Exchanger								
Sanitary Piping								
Cast Iron	100%	0-2	$22,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Storm Drain Piping								
Cast Iron	10%	0-2	$3,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Outside Yard, Southwest Side Of Building								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$18,000	4	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$24,900	1-2	$500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 329 - BK**				
Address	: **2929 WEST 30 STREET BTWN: MERMAID AVE., SURF AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K329**
Program / Asset #	: **BOE0603.000 / 1257**			**Yr Built/Renovated**	: **1974 / 2015**
Area Sq Ft	: **98,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **31-Jul-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3**				
Block	: **7051**	**Lot**	: **1**	**BIN**	: **3189517**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$472,200
Interior Architecture	$207,700	$3,305,600
Electrical	$172,100	$1,002,300
Mechanical	$111,400	$1,335,800
Site Pavements		$428,400
Total	**$491,200**	**$6,544,400**
Importance Code A		$472,200
Importance Code B	$390,000	$6,072,200
Importance Code C	$101,200	
Total	**$491,200**	**$6,544,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$74,500	$3,800	$10,300	
Interior Architecture	$20,400			$14,700
Electrical	$26,500	$43,300	$10,200	$9,600
Mechanical	$22,800	$36,600	$32,100	$22,000
Site Pavements	$19,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$167,300**	**$87,600**	**$56,600**	**$50,200**
Importance Code A	$84,200	$13,700	$20,000	$9,700
Importance Code B	$78,400	$73,900	$36,500	$40,500
Importance Code C	$4,700			
Total	**$167,300**	**$87,600**	**$56,600**	**$50,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$32,000	
Masonry: Brick	75%			LIFE	* *	5	$102,500	
Masonry: Granite	5%			LIFE	* *	5	$5,100	
Pre-Cast Concrete	15%	Now	$29,700	LIFE	* *	5	$66,600	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Windows								
Aluminum	92%			2046	* *	5	$20,700	
Other Observation, Extent : N/A, Area Affected : 30%								
Location : 1st Floor								
Explanation : Expanded Metal Grille Over Windows								
Metal Louvers	8%			2033	$99,700	10	$11,200	
Parapets								
Metal Panel	10%			2050	* *	5	$7,600	
Metal Rail	40%			2043	* *	5-10	$141,800	
Pre-Cast Concrete	50%			LIFE	* *	5	$61,700	
Roof								
Modified Bitumen	100%	Now	$44,800	2038	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Throughout Upper Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,100	
Ceramic Tile	5%			2039	* *	5	$7,400	
Quarry Tile	3%			2043	* *	5	$6,600	
Slate	2%			LIFE	* *	5	$3,100	
Vinyl Tile	80%			2030	$3,250,500	3	$58,800	
Wood	5%			2058	* *	5	$13,800	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$4,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$8,000	
Patching Evident, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium And Workshop								
Metal Panel	20%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$8,000	
SGFT/Glazed Masonry	42%	Now	$101,200	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	50%	Now	$59,200	2035	* *	5	$46,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
AcousTileConcealSpLn	25%			2043	* *	5	$46,000	
AcousTileConcealSpLn	10%	Now	$47,300	2043	* *	5	$9,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Auditorium And Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Cafeteria, Auditorium And Throughout								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$9,200	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2050	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Masonry: Granite	5%	Now	$2,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entry Stair								
Activity Yard								
Asphalt	80%	Now	$16,500	2033	$330,700			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Play Yard								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : South Play Yard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : South Play Yard								
Rubber Matting	20%			2030	$97,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 3,000 Amperes And 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$227,600	5	$400	
Raceway								
Conduit	95%			2030	$191,700	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2029	$35,900	5	$300	
Molded Case Bkrs	80%			2029	$191,600	5	$2,100	
Molded Case Bkrs	5%			2046	* *	5	$100	
Wiring								
Thermoplastic	95%			2030	$277,200	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$30,200	
Generators								
Natural Gas	100%			2039	* *	1	$38,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Nameplate Was Inaccessible								
Batteries								
Lead/Acid	50%			2024	$1,200	5	$1,800	
Lead/Acid	50%			2024	$1,200	5	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 100 Kilowatt Load Bank								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$89,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2025	$82,300	10	$11,800	
Exit, Service	50%			2025	$21,100	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	25%	Now	$11,400	2030	$114,300			
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Operated Via Photocell								
No Component	75%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$97,100	
Distribution								
Steam Piping/Pump	100%			2050	* *			
Terminal Devices								
Air Handler	20%			2030	$368,800	1	$12,100	
Convector/Radiator	70%			2035	* *	1	$22,200	
Fan Coil Unit/Heat	10%			2030	$243,000	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	40%			2039	* *	1	$42,400	
Split Unit	15%			2035	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Roof								
Explanation : R-410a Refrigerant								
Window/Wall Unit	30%			2025	$111,400	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2050	* *	4	$1,500	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	$484,900	1	$18,200	
Fan Coil - 4 Pipe	15%			2035	* *	1	$4,800	
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,600	
Exhaust Fans								
Interior	20%			2030	$86,900	2	$600	
Roof	80%			2030	$152,100	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$19,600	4	$2,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : From First Floor To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$49,400	
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 329 - BK
Asset # : 1257

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 33 - BX**		
Address	: **2424 JEROME AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X033**
Program / Asset #	: **BOE0180.000 / 510**	**Yr Built/Renovated**	: **1899 / 2001**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3188** **Lot** : **20**	**BIN**	: **2014099**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$439,000	$607,100
Interior Architecture	$176,800	$5,292,800
Electrical		$234,900
Mechanical	$190,000	$131,700
Site Enclosure	$119,400	
Site Pavements	$55,600	
Total	**$980,800**	**$6,266,500**
Importance Code A	$439,000	$607,100
Importance Code B	$379,700	$5,659,400
Importance Code C	$162,100	
Total	**$980,800**	**$6,266,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$90,000		$10,700	
Interior Architecture	$133,500		$12,700	$12,500
Electrical	$43,200	$6,500	$6,800	$7,800
Mechanical	$123,400	$9,500	$11,300	$9,500
Site Pavements	$9,500			
Total	**$399,600**	**$16,100**	**$41,500**	**$29,900**
Importance Code A	$96,900	$6,900	$17,600	$6,900
Importance Code B	$258,300	$9,100	$23,900	$22,200
Importance Code C	$44,400			$700
Total	**$399,600**	**$16,100**	**$41,500**	**$29,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$168,300	
Masonry: Brick	30%	Now	$354,800	LIFE	* *	5	$21,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Leaders, East Facade, Cafeteria								
Masonry: Brick	55%			LIFE	* *	5	$79,000	
Windows								
Aluminum	98%			2041	* *	5	$21,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Single Pane Glazing								
Metal Louvers	2%			2042	* *	10	$2,700	
Parapets								
Cast Stone/Terra Cotta	100%	Now	$16,600	LIFE	* *	5	$28,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : Attic Area								
Roof								
Built-Up (BUR)	5%			2038	* *	10	$10,000	
Copper/Terne	92%			2061	* *	10	$461,900	
Skylight, Metal/Glass	3%	4+	$33,900	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Main Staircase								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 414 And 410								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$93,700	
Ceramic Tile	5%			2042	* *	5	$5,400	
Terrazzo	5%			LIFE	* *	5	$8,400	
Vinyl Tile	40%	Now	$23,700	2038	* *	3	$16,100	
Loose Units, Extent : Severe, Area Affected : 2%								
Location : Gymnasium Floor								
Vinyl Tile 9" X 9"	28%			2028	$5,292,800	3	$15,000	
Wood	2%			2061	* *	5	$4,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,100	
Glass: Single Pane	5%			LIFE	* *	5	$2,100	
Masonry: Brick	10%	Now	$106,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Masonry: Fieldstone	5%			LIFE	* *	10	$600	
Plaster	60%	Now	$40,800	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Exterior Wall At Rooms 410, 412								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$1,400	
Ceilings								
AcousTile,Adhered	20%			2046	* *	5	$21,400	
Masonry: Infill Arch	20%			LIFE	* *	10	$10,700	
Plaster	60%			LIFE	* *	5-10	$110,400	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2043	* *			
Iron Picket	40%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	2-4	$119,400	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	97%	Now	$55,600	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : North Side Of Building								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : North Side Of Building								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : North Side Of Building								
Masonry: Granite	3%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2050	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parking And Driveway								
Explanation : Replaced								
Activity Yard								
Asphalt	60%			2036	* *			
Cast in Place Concrete	30%	Now	$9,500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West Entry Yard								
Rubber Matting	10%			2033	$47,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : One Main Service Switch Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	50%			2033	$72,300	1		
Conduit	50%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2049	* *	5	$200	
Molded Case Bkrs	85%			2049	* *	5	$1,600	
Wiring								
Thermoplastic	80%			2053	* *	1		
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$200	
Locally Mounted	50%			2031	$59,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$62,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	15%			2033	$6,500	1		
Emergency, Battery	25%			2028	$29,400	10	$4,200	
Emergency, Battery	10%			2038	* *	10	$1,700	
Exit, Battery	50%			2041	* *	10	$2,400	
Exterior Lighting								
HID	10%	Now	$16,300	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Building Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$2,100	
Alarm								
Security System								
Generic	100%			2038	* *	1	$26,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$18,100	2038	* *	1-3	$39,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Horns, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$69,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : 1 Vacuum Pump Controller Is Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Outdoor Temporary Boiler								
Terminal Devices								
Air Handler	10%	2-4	$65,900	2033	$131,700	1	$3,900	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Blower								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Blower								
Convector/Radiator	80%	0-2	$45,800	2038	* *	1	$16,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Fan Coil Unit/Heat	10%	0-2	$8,700	2038	* *	1	$2,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Bathroom								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$1,300	2028	$26,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. 5 Units Are Not Working								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$12,400	
No Component	80%							
Exhaust Fans								
Interior	40%	0-2	$124,200	2043	* *	2	$700	
Noisy/Vibrating, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
Roof	10%	0-2	$700	2033	$13,600	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Locations. 3 Bathroom Exhaust Fans Are Not Working								
No Component	50%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
HW Heat Exchanger								
HTHW/HW	100%			2059	* *			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%			2038	* *	4	$700	
Non-Submersible	50%	Now	$7,000	2043	* *	4	$700	
	Broken, Extent : Moderate, Area Affected : 50%							
	Location : Basement							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%	0-2	$48,400	2043	* *	1-2	$1,700	
	Corroded, Extent : Severe, Area Affected : 50%							
	Location : Basement							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 332 - BK**		
Address	: **51 CHRISTOPHER AVE. @GLENMORE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K332**
Program / Asset #	: **BOE0604.000 / 1258**	**Yr Built/Renovated**	: **1967 / 1999**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **3693** **Lot** : **1**	**BIN**	: **3083608**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$119,600	$1,025,000
Interior Architecture	$609,900	$15,804,500
Electrical	$509,400	$764,300
Mechanical	$589,700	$2,659,700
Site Pavements		$73,300
Total	**$1,828,600**	**$20,326,800**
Importance Code A	$119,600	$1,853,000
Importance Code B	$1,631,000	$18,473,800
Importance Code C	$78,000	
Total	**$1,828,600**	**$20,326,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,800			
Interior Architecture	$83,700		$3,700	$11,000
Electrical	$11,400	$1,800	$32,900	$700
Mechanical	$107,200	$18,700	$87,600	$15,100
Site Enclosure	$2,600			
Site Pavements	$19,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$276,300**	**$24,500**	**$128,200**	**$30,700**
Importance Code A	$57,200	$9,400	$9,600	$9,400
Importance Code B	$180,600	$15,100	$118,600	$21,300
Importance Code C	$38,400			
Total	**$276,300**	**$24,500**	**$128,200**	**$30,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$116,100	
Sidewalk Shed in Use, Extent : Light, Area Affected : 25%								
Location : Along Christopher Avenue								
Masonry: Travertine	5%			LIFE	* *			
Pre-Cast Concrete	10%			LIFE	* *	5	$44,400	
Windows								
Aluminum	100%	Now	$21,400	2047	* *	5	$11,200	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Parapets								
Cast in Place Concrete	20%	Now	$7,000	LIFE	* *	5	$40,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : East Side Of Roof								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	53%	Now	$65,800	LIFE	* *	5	$10,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Rail	25%			2036	* *	5-10	$88,600	
Metal Security Bars	2%			2046	* *			
Roof								
Built-Up (BUR)	95%	Now	$18,200	2031	$908,900			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium And Stair C								
Metal Panel	5%	Now	$1,200	2044	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Stair B								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,200	
Ceramic Tile	5%	Now	$8,300	2040	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Vinyl Tile	20%			2041	* *	3	$11,000	
Vinyl Tile 9" X 9"	60%	Now	$311,500	2031	$15,575,100	3	$33,100	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : At Drinking Fountains								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								
Wood	5%			2059	* *	5	$13,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,400	
Operable Wall	10%	Now	$78,000	2051	* *	5	$23,500	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Room 408								
Plaster	55%	Now	$35,900	LIFE	* *	5	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 154, 104, 108 And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 154, 104, 108 And Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$23,700	2036	* *	5	$18,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Exposed Struc: Concrete	10%	Now	$220,400	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Temporary Support Framing In Place								
Exposed Struc: Concrete	45%			LIFE	* *	5	$10,300	
Fiber Board	10%			2031	$229,400			
Plaster	10%	Now	$8,900	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 154, 104, 108 And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 154, 104, 108 And Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2051	* *			
Iron Picket	25%	Now	$2,600	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Along Christopher Avenue								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Along Christopher Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Tree Pits Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : At Tree Pits Throughout								
On-Site Walkways								
Cast in Place Concrete	75%			2044	* *			
Masonry: Granite	25%			LIFE	* *			
Activity Yard								
Asphalt	85%	0-2	$7,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Play Yard								
Rubber Matting	15%			2031	$73,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	100%			2031	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	90%			2030	$215,500	5	$2,300	
Wiring								
Braided Cloth	90%	2-4	$262,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2031	$29,200	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,400	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2036	* *	10	$76,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	2%			2036	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2026	$79,700	10	$11,500	
Exit, Service	50%			2026	$20,500	1		
Exterior Lighting								
HID	20%			2026	$88,700	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2036	* *	1-3	$6,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$220,900	5	$29,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2029	$828,000	1	$94,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	100%	Now	$15,200	2031	$760,700			
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Condensate Return Vacuum Pump								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	0-2	$26,800	2031	$536,300	1	$15,900	
Other Observation, Extent : Severe, Area Affected : 35%								
Location : Mechanical Room								
Explanation : 1 Motor Not Working Out Of 3 Units								
Convector/Radiator	60%	Now	$23,300	2036	* *	1	$16,600	
Other Observation, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Explanation : Stream Traps Faulty								
Fan Coil Unit/Heat	10%	Now	$11,800	2026	$235,500	1	$2,800	
Broken, Extent : Severe, Area Affected : 10%								
Location : 1 Univent Of 10								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2031	$208,300	2	$1,200	
Window/Wall Unit	60%			2026	$215,900	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,000	
Exhaust Fans								
Interior	25%			2031	$105,300	2	$700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Roof	75%	Now	$13,800	2026	$138,300	2	$1,700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1 Fan On Lower Roof								
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Fans On Lower Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	80%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$14,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$6,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Storm Drain Pipe From School Yard Is Cracked And Leaking In Ceiling Of Basement Mechanical Room								
Sump Pump(s)								
Non-Submersible	100%			2031	$19,000	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2026	$49,700	4	$3,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$2,700	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 335 - BK**		
Address	: **130 ROCHESTER AVENUE @BERGEN ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K335**
Program / Asset #	: **BOE0605.000 / 2616**	**Yr Built/Renovated**	: **1968 / 2014**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1355** **Lot** : **23**	**BIN**	: **3035887**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$190,400	$58,100
Interior Architecture	$875,500	$11,214,700
Electrical	$309,000	$718,600
Mechanical	$115,900	$3,044,100
Total	**$1,490,900**	**$15,035,500**
Importance Code A	$190,400	$998,500
Importance Code B	$1,300,400	$14,037,000
Total	**$1,490,900**	**$15,035,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,400		$400	
Interior Architecture	$138,200			$14,900
Electrical	$1,500	$3,400	$15,200	$2,700
Mechanical	$104,100	$14,500	$53,700	$19,600
Site Enclosure	$7,200			
Site Pavements	$22,100			
Total	**$317,500**	**$18,000**	**$69,300**	**$37,200**
Importance Code A	$62,200	$10,100	$10,700	$10,100
Importance Code B	$214,900	$7,900	$58,500	$27,100
Importance Code C	$40,400			
Total	**$317,500**	**$18,000**	**$69,300**	**$37,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	83%			LIFE	* *	5	$39,200	
Mosaic Tile	2%			2051	* *	10	$3,000	
Pre-Cast Concrete	15%			LIFE	* *	5	$23,000	
Windows								
Aluminum	100%	Now	$190,400	2047	* *	5	$20,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms And Offices								
Parapets								
Masonry: Brick Cavity	8%			LIFE	* *	5	$900	
Metal Panel	2%			2051	* *	5	$800	
Metal: Cage/Fence	90%			2044	* *	5-10	$76,200	
Roof								
Metal Panel	5%			2048	* *	10	$5,600	
Modified Bitumen	95%			2039	* *	10	$58,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Metal Panel	25%			2051	* *	5-10		
Stucco Cement	75%			2044	* *	5		
Interior								
Floors								
Carpet	2%	2-4	$27,800	2033	$55,600	3	$4,700	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$17,200	
Ceramic Tile	5%	Now	$22,100	2040	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Toilets								
Mosaic Tile	2%	Now	$14,700	2044	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Kitchen								
Terrazzo	3%			LIFE	* *	5	$3,700	
Vinyl Tile	28%			2036	* *	3	$22,000	
Vinyl Tile 9" X 9"	40%	Now	$554,600	2031	$11,092,100	3	$23,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	15%			2059	* *	5	$44,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	3%	Now	$6,600	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	5%	Now	$15,800	2034	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,300	
Folding Partition	5%			2039	* *	5	$7,200	
Gypsum Board	2%	Now	$300	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Library								
Masonry: Brick	5%			LIFE	* *			
Plaster	38%			LIFE	* *	5	$6,600	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2044	* *	5	$39,300	
Exposed Struc: Concrete	35%	Now	$164,800	LIFE	* *	5	$8,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Sidewalk Hatch Into Boiler Room								
Fiber Board	5%			2031	$122,500			
Metal Panel	10%	Now	$156,100	LIFE	* *	5	$19,600	
Bent/Warped Elements, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor Corridor, Kitchen And Cafeteria								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Corridor, Kitchen And Cafeteria								
Plaster	25%			LIFE	* *	5	$24,500	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2041	* *			
Iron Picket	75%	0-2	$7,200	2051	* *			
Impact Damage, Extent : Light, Area Affected : 10%								
Location : Along Saint Marks Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$15,200	2036	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : At Tree Pits Throughout Sidewalk								

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DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	4%	Now	$1,300	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bridge To Playground								
Cast in Place Concrete	86%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%	4+	$5,600	2036	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : At Tree Pit								
Activity Yard								
Asphalt	50%			2034	* *			
Rubber Matting	50%			2031				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	$208,100	5	$400	
Fused Disc Sw	20%			2041	* *	5	$100	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	75%			2030	$179,600	5	$2,000	
Molded Case Bkrs	15%			2039	* *	5	$400	
Wiring								
Braided Cloth	75%	2-4	$256,400	2056	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2041	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	$90,700	5	$300	
Locally Mounted	50%			2036	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	5%			2039	* *	10	$4,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Fluorescent	80%			2039	* *	10	$74,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	15%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria And Auditorium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$12,300	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	20%			2031	$109,300			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Timer And Photcell								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Surveillance Camera System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$52,600	2041	* *	1-3	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System; Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$237,200	5	$31,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 7,000 Gallon Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$17,800	2029	$889,100	1	$90,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler 1 Tubes Leak								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$16,300	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Stairways On 1st And 2nd Floors								
Explanation : No Heat In Stairwells From Radiators								
Terminal Devices								
Air Handler	20%			2031	$383,900	1	$12,600	
Convector/Radiator	80%			2029	$667,300	1	$26,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	30%	Now	$5,800	2026	$115,900	1		
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,900	
Exhaust Fans								
Interior	25%			2031	$113,100	2	$800	
Roof	75%			2036	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%	0-2	$5,200	2029	$260,400	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main And Valves At Bergen Street								
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2031	$17,100	2		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Steam Fired	100%			2031	$493,200	4	$10,100	
Sanitary Piping								
Cast Iron	100%	Now	$25,700	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Kitchen Grease Trap								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$18,000	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Gymnasium, Auditorium, Lunch Room And Hallway								
Explanation : Water Backs up From Sewage During Heavy Rains								
Sump Pump(s)								
Non-Submersible	50%			2026	$10,200	4	$1,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Bergen Street Water Meter Room								
Explanation : Accessible From Outside The Building								
Non-Submersible	50%	Now	$10,200	2041	* *	4	$1,100	
Broken, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$42,300	1-2	$900	
Chemical System								
No Component	95%							
Generic	5%			2026	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 339 - Q**		
Address	: **39-07 57TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q339**
Program / Asset #	: **BOE1183.000 / 14929**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **72,999**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5,Ph**		
Block	: **1228** **Lot** : **48**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$102,100	$102,100
Interior Architecture	$218,600	$109,900
Mechanical	$209,700	$2,428,600
Total	**$530,300**	**$2,640,600**
Importance Code A	$102,100	$102,100
Importance Code B	$274,900	$2,428,600
Importance Code C	$153,300	$109,900
Total	**$530,300**	**$2,640,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$96,200		$2,600	
Interior Architecture	$150,900		$15,900	$8,200
Electrical	$35,500	$11,900	$13,500	$14,300
Mechanical	$68,800	$57,300	$52,400	$34,600
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$361,300**	**$79,000**	**$94,300**	**$67,000**
Importance Code A	$99,800	$3,600	$6,200	$3,600
Importance Code B	$197,900	$75,400	$88,100	$63,400
Importance Code C	$63,600			
Total	**$361,300**	**$79,000**	**$94,300**	**$67,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 339 - Q

Asset # : 14929

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	85%			LIFE	* *	5	$97,600	
Window Wall	15%			2053	* *	5	$51,700	
Windows								
Aluminum	100%			2049	* *	5	$23,700	
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$204,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall								
Explanation : Covered With Roofing Membrane								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$33,000	
Metal: Cage/Fence	5%			2046	* *	5-10	$4,500	
Roof								
Cast in Place Concrete	15%			LIFE	* *	10	$11,600	
Plaza Roof: Stone Panels	85%			2059	* *			
Soffits								
Metal Panel	100%			2053	* *	5-10	$4,200	
Interior								
Floors								
Carpet	3%			2032	$58,000	3	$4,900	
Cast in Place Concrete	10%			LIFE	* *	5	$47,800	
Ceramic Tile	15%			2042	* *	5	$16,400	
Quarry Tile	2%			2046	* *	5	$3,300	
Terrazzo	10%	2-4	$20,400	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby, Caused By Contractor								
Vinyl Tile	55%			2038	* *	3	$22,500	
Wood	5%			2061	* *	5	$10,200	
Interior Walls								
Ceramic Tile	40%			2042	* *	5	$115,700	
Concrete Masonry Unit	25%			LIFE	* *	5	$57,800	
Glass: Special Gauge	2%			LIFE	* *	1		
Gypsum Board	30%			LIFE	* *	5-10	$147,500	
Wood	3%			LIFE	* *	5	$69,400	
Ceilings								
AcousTileSusp.Lay-In	80%	Now	$65,300	2046	* *	5	$39,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Corridor And Classrooms								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 5th Floor Corridor And Classrooms								
Gypsum Board	20%			LIFE	* *	5-10	$67,500	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 339 - Q

Asset # : 14929

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	60%			2068	* *			
Concrete Masonry Unit	40%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,500 Amperes Each. One 1,200 Ampere For Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	20%			2046	* *	5	$100	
Variable Frequency Drive	80%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$22,500	
Generators								
Diesel	100%			2042	* *	1	$28,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Enclosure								
Explanation : 250 Kilowatt Rated Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 339 - Q

Asset # : 14929

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Generator Enclosure								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	93%	Now	$20,200	2038	* *			
Damaged Fixtures, Extent : Light, Area Affected : 2%								
Location : Throughout The Building								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$3,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Auditorium, First Floor Lobby								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Battery	50%			2038	* *	10	$2,500	
Exterior Lighting								
Fluorescent	1%			2038	* *	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Main Entrance Canopy								
HID	9%			2038	* *	10		
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$500	
Alarm								
Security System								
Generic	50%			2038	* *	1	$13,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$13,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$45,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 339 - Q

Asset # : 14929

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	80%			2038	* *	1	$28,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Package Units								
Hot Water Boiler	20%			2046	* *	1	$7,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2049	* *	4	$1,100	
No Component	80%							
Terminal Devices								
Convector/Radiator	15%			2046	* *	1	$3,500	
Fan Coil Unit/Heat	5%			2038	* *	1	$1,200	
No Component	80%							
Controls								
Digital	100%	Now	$209,700	2031	$2,096,600			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Building Management System Serves Building Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	85%			2038	* *	1	$28,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit Utilizes R-410a Refrigerant.								
Split Unit	15%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units Utilize R-410a Refrigerant.								
Distribution								
CW & CHW Wtr Pipe/Pump	85%			2053	* *	4	$4,600	
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	85%			2038	* *	1	$38,400	
Fan Coil - 2 Pipe	15%			2038	* *	1	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Classrooms, Offices And Other Locations								
Explanation : Chilled Beams								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 339 - Q

Asset # : 14929

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	100%			2038	* *	2	$50,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,500	
Exhaust Fans								
Interior	10%			2038	* *	2	$200	
Roof	90%			2038	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Water Service Room C08j								
Water Heater With Tanks								
Electric	60%			2031	$70,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room 509								
Explanation : 2 Units - 119 Gallon								
Gas Fired	40%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room 509								
Explanation : 1 Unit - Approximately. 200 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,900	
Backflow Preventer								
Generic	100%	Now	$1,600	2038	* *	1	$4,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Mechanical Room 509								
Explanation : Defective Backflow Preventer For Hot Water Boiler System								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$36,800	
Sprinkler								
Generic	100%			2053	* *	1-2	$20,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 339 - Q

Asset # : 14929

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2042	* *	1	$13,600	
Chemical System								
Generic	100%			2031	$261,100	1-3	$238,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood: 64 Square Foot - 16-ft L X 4-ft W.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 34 - BX**		
Address	: **760 GROTE STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X034**
Program / Asset #	: **BOE1165.000 / 14911**	**Yr Built/Renovated**	:
Area Sq Ft	: **95,300**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **3100** **Lot** : **14**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$339,700	$233,900
Interior Architecture	$391,400	$58,100
Electrical		$1,081,900
Mechanical	$381,600	$5,471,300
Total	**$1,112,700**	**$6,845,300**
Importance Code A	$339,700	$981,500
Importance Code B	$445,200	$5,805,700
Importance Code C	$327,700	$58,100
Total	**$1,112,700**	**$6,845,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,300		$7,600	
Interior Architecture	$160,700		$62,400	$12,600
Electrical	$20,500	$15,500	$19,200	$17,300
Mechanical	$175,900	$60,500	$94,700	$93,600
Site Enclosure	$30,100			
Site Pavements	$87,200			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$516,400**	**$85,900**	**$193,800**	**$133,400**
Importance Code A	$40,700	$8,500	$16,100	$8,500
Importance Code B	$333,400	$77,400	$177,600	$115,800
Importance Code C	$142,300			$9,100
Total	**$516,400**	**$85,900**	**$193,800**	**$133,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - BX

Asset # : 14911

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$40,200	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$104,700	
Glass Block	5%			LIFE	* *	5	$8,400	
Masonry: Brick Cavity	85%			LIFE	* *	5	$227,800	
Weathering Steel	2%			LIFE	* *	1		
Windows								
Aluminum	98%			2049	* *	5	$15,900	
Metal Louvers	2%			2042	* *	10	$2,000	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$91,700	
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$125,100	
Roof								
Modified Bitumen	100%			2041	* *	10	$67,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Soffits								
Stucco Cement	100%			2046	* *	5	$15,300	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$24,300	LIFE	* *	5	$31,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2042	* *	5	$7,100	
Quarry Tile	5%			2046	* *	5	$10,700	
Terrazzo	10%			LIFE	* *	5	$22,300	
Vinyl Tile	60%			2038	* *	3	$32,100	
Wood	10%			2061	* *	5	$26,700	
Interior Walls								
Cast in Place Concrete	5%	4+	$27,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement, Room 223 And 423								
Ceramic Tile	5%			2042	* *	5	$18,200	
Concrete Masonry Unit	40%	Now	$273,200	LIFE	* *	5	$58,100	
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Boiler Room								
Masonry: Brick	5%			LIFE	* *	10	$5,500	
Plaster	15%			LIFE	* *	5-10	$46,300	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$54,500	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BX

Asset # : 14911

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	4+	$63,600	2038	* *	5	$19,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
AcousTileConcealSpLn	40%			2046	* *	5	$65,900	
Exposed Struc: Steel	15%			LIFE	* *	10	$39,500	
Metal Panel	5%			LIFE	* *	5	$16,500	
Plaster	10%			LIFE	* *	5-10	$22,700	
Site Enclosure								
Fence/Gates								
Chain Link	65%	4+	$30,100	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Parking Area								
Iron Picket	35%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$38,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations On Grote Street								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$4,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Steps At Rear Yard Entry Area								
Panel/Paver: Cer/Brk	10%	Now	$8,500	2049	* *	5	$1,000	
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Play Yard Near Tree								
Parking/Driveway								
Asphalt	100%	Now	$36,400	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Prospect Avenue								
Activity Yard								
Asphalt	50%			2042	* *			
Pavers/Stone	50%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BX

Asset # : 14911

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere, One 2,000 Ampere And One 1,200 Ampere Main Switch Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$29,300	
Generators								
Diesel	100%			2036	* *	1	$36,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 275 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 50 Gallons								
Main Tank	50%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	40%			2033	$568,300	10	$35,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	60%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BX

Asset # : 14911

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2033	$23,500	1		
Emergency, Battery	10%			2033	$16,000	10	$2,300	
Exit, Service	50%			2033	$20,500	1		
Exterior Lighting								
HID	20%			2033	$88,900	10	$100	
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$178,900	1	$35,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$245,800	1-3	$60,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horns, Pull Boxes, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Heat Exchanger, Shell & Tube	10%			2036	* *			
Steam Boiler	90%			2031	$747,600	1	$84,900	
Distribution								
Steam Piping/Pump	100%	0-2	$381,600	2043	* *			
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Building Maintenance System Out Of Order								
Terminal Devices								
Air Handler	20%			2038	* *	1	$11,800	
Convector/Radiator	80%			2031	$623,400	1	$24,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floor								
Explanation : Glycol Heated By Heat Exchangers								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BX

Asset # : 14911

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	99%			2036	* *	1	$102,100	
Split Unit	1%			2033	$22,600			
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2043	* *	4	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Glycol								
Ductwork/Diffusers	50%			LIFE	* *	2	$77,500	
Terminal Devices								
Fan Coil - 2 Pipe	60%			2028	$1,744,400	1	$18,500	
No Component	40%							
Heat Rejection								
Dry Cooler	100%			2028	$437,300	2	$66,400	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,100	
Exhaust Fans								
Roof	100%			2028	$184,900	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,224,000	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Booster Pumps Low Pressure								
Water Heater With Tanks								
Gas Fired	100%			2031	$85,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 175 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,000	
Sewage Ejector(s)								
Electric	100%	Now	$24,900	2033	$49,900	4	$3,800	
Broken, Extent : Severe, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Under Construction								

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DEPARTMENT OF EDUCATION - 040

P. S. 34 - BX

Asset # : 14911

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2033	$42,600	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$48,100	
Sprinkler								
Generic	100%			2043	* *	1-2	$26,700	
Chemical System								
Generic	12%			2028	$50,900	1-3	$50,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression 56 Square Feet								
Generic	88%			2028	$373,400	1-3	$370,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classroom Kitchen								
Explanation : Kitchen Fire Suppression 48 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 340 - BK**				
Address	: **227 STERLING PLACE @ VANDERBILT AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K874**	
Program / Asset #	: **BOE0541.010 / 1303**		**Yr Built/Renovated**	: **1887 / 1999**	
Area Sq Ft	: **21,346**		**Project Type**	: **EDUCATION**	
Date of Survey	: **24-Jun-2020**		**Landmark Status**	: **EXTERIOR LANDMARK**	
Areas Surveyed	: **Basement, Roof, Floors 1**				
Block	: **1164**	**Lot** : **64**	**BIN**	: **3029061**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical	$67,600	$187,000
Mechanical		$191,200
Total	**$67,600**	**$378,200**
Importance Code B	$67,600	$378,200
Total	**$67,600**	**$378,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,300		$14,600	
Interior Architecture	$14,800		$8,700	$2,100
Electrical	$12,800	$700	$22,800	$700
Mechanical	$30,700	$3,400	$38,300	$3,100
Site Enclosure	$2,500			
Site Pavements	$16,200			
Total	**$119,300**	**$4,200**	**$84,400**	**$5,900**
Importance Code A	$44,400	$2,100	$16,800	$2,100
Importance Code B	$66,300	$2,000	$67,600	$3,800
Importance Code C	$8,500			
Total	**$119,300**	**$4,200**	**$84,400**	**$5,900**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 340 - BK

Asset # : 1303

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$29,700	
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : Various Elevations In West Courtyard								
Masonry: Brownstone	10%	Now	$10,900	LIFE	* *	5	$2,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Parking Area East Elevation								
Windows								
Aluminum	100%	Now	$31,400	2047	* *	5	$3,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Wood Cornice	100%			2041	* *	5-10	$33,400	
Roof								
Slate	100%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$3,400	
Mosaic Tile	5%	4+	$3,200	2036	* *	5	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Restrooms								
Terrazzo	5%			LIFE	* *	5	$1,200	
Vinyl Tile	55%	4+	$10,300	2036	* *	3	$6,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Spaces								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Spaces								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Throughout Basement Spaces								
Wood	30%			2046	* *	5	$17,400	
Interior Walls								
Ceramic Tile	10%			2034	* *	5	$2,600	
Gypsum Board	10%			LIFE	* *	5	$1,600	
Masonry: Brick	10%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$5,100	
Wood	5%			LIFE	* *	5	$5,300	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
Embossed Metal	90%			LIFE	* *	5	$12,600	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%			LIFE	* *	5	$1,900	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 340 - BK

Asset # : 1303

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Throughout								
Iron Picket	50%	Now	$2,500	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Corner Post On Sterling Place And Vanderbilt Avenue								
Retaining Walls								
Cast in Place Concrete	30%			2051	* *			
Masonry: Brick	70%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,400	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Sterling Place Adjacent To Tree Pit								
On-Site Walkways								
Cast in Place Concrete	80%	Now	$4,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Entry Stairs								
Panel/Paver: Bluestone	10%			LIFE	* *	5	$300	
Steel Grating	10%			2041	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Various Entry Stairs								
Explanation : These Are Actually Steel Stair Assemblies								
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Activity Yard								
Cast in Place Concrete	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch; One 200 Ampere Disconnect Switch For Emergency Lighting								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$100	
Raceway								
Conduit	90%			2031	$60,400	1		
Conduit	10%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 340 - BK

Asset # : 1303

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	20%			2047	* *	5	$100	
Molded Case Bkrs	80%			2030	$87,400	5	$500	
Wiring								
Braided Cloth	80%	2-4	$67,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2044	* *	5	$100	
Locally Mounted	50%			2029	$39,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	10%			2036	* *	10	$2,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	90%			2036	* *	10	$17,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$2,600	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	8%	Now	$8,700	2041	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Building Exterior At Entrances								
HID	92%			2041	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%	Now	$3,500	2039	* *	1	$1,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Custodians Office								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodians Office								
Explanation : Communications Failure Displayed On Control Panel								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$4,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 340 - BK

Asset # : 1303

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$21,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2041	* *	4	$1,600	
Terminal Devices								
Convector/Radiator	100%	Now	$3,800	2029	$191,200	1	$6,200	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Various Locations Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2026	$35,400	1		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$6,000	2041	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Various Locations Throughout								
Water Heater With Tanks								
Gas Fired	100%			2024	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit With 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$4,700	4	$500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 340 - BX**		
Address	: **25 W. 195 ST @JEROME AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X340**
Program / Asset #	: **BOE1004.000 / 4511**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **56,293**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **3247** **Lot** : **15**	**BIN**	: **2101862**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,884,600	$296,700
Interior Architecture	$191,600	
Electrical	$51,600	$13,100
Mechanical	$85,100	$1,587,000
Total	**$2,212,900**	**$1,896,900**
Importance Code A	$1,884,600	$536,300
Importance Code B	$253,600	$1,360,600
Importance Code C	$74,800	
Total	**$2,212,900**	**$1,896,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,100			
Interior Architecture	$48,000	$45,700	$3,700	$14,800
Electrical	$44,700	$9,500	$5,600	$5,700
Mechanical	$61,100	$11,500	$17,800	$41,300
Site Enclosure	$900			
Site Pavements	$1,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$198,000**	**$74,600**	**$35,000**	**$69,700**
Importance Code A	$67,700	$2,600	$2,900	$2,800
Importance Code B	$80,200	$72,000	$32,100	$66,900
Importance Code C	$50,100			
Total	**$198,000**	**$74,600**	**$35,000**	**$69,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	35%			LIFE	* *	5	$239,700	
Masonry: Brick	65%			LIFE	* *	5	$57,000	
Windows								
Aluminum	100%	Now	$464,200	2048	* *	5	$16,200	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Classsroom Windows On West Side Of Building								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$28,900	LIFE	* *	5	$12,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Coping Stone								
Masonry: Brick Cavity	90%			LIFE	* *	5	$14,300	
Roof								
Single Ply Membrane	100%	Now	$1,420,300	2042	* *			1
Blisters, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 80%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Soffits								
Cement - Fiber Panel	100%	Now	$5,200	2037	* *			
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Entrance Canopy Roof								
Interior								
Floors								
Carpet	1%			2028	$26,100	3	$2,200	
Cast in Place Concrete	5%			LIFE	* *	5	$16,100	
Ceramic Tile	5%			2041	* *	5	$7,400	
Quarry Tile	4%			2045	* *	5	$8,900	
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	80%	0-2	$65,200	2037	* *	3	$44,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	$1,800	
Gypsum Board	60%	Now	$74,800	LIFE	* *	5	$32,100	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Room 313 And Multiple Third Floor Classrooms								
SGFT/Glazed Masonry	30%	0-2	$48,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%			2045	* *	5	$81,200	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,300	
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	10%	Now	$51,600	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Toilet Room 127a At Low Roof								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Kitchen Bathroom On First Floor								
Site Enclosure								
Fence/Gates								
Chain Link	95%			2052	* *			
Iron Picket	5%	4+	$900	2067	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Walkway								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	70%	0-2	$1,200	2041	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Near Drains Leading To Main Entrance								
Cast in Place Concrete	30%			2045	* *			
Activity Yard								
Asphalt	98%			2035	* *			
Rubber Matting	2%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2042	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2500 Ampere Main Disconnect Switch For Main Service Switchboard								
Fused Disc Sw	30%			2042	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1200 Ampere Main Disconnect Switch For Power Panel Switchboard								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$200	
Raceway								
Conduit	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$100	
Molded Case Bkrs	90%			2040	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$17,300	
Generators								
Diesel	100%			2035	* *	1	$21,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 200 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$2,100	
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : No Available Nameplate Rating Capacity								
Main Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$50,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2037	* *	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby, 1st Floor								
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, LED	50%			2067	* *	1		
Exterior Lighting								
HID	15%	Now	$39,400	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Outside Wall Mounted And Roof Perimeter								
HID	5%			2032	$13,100	10		
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	$21,100	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$43,600	1-3	$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights, Horns Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2052	* *	1		
Natural Gas	95%			2052	* *	1		
Conversion Equipment								
Furnace	95%	Now	$33,300	2032	$166,400	1	$23,800	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : 40 Percentage Of The Units Are Not Working On The Roof.								
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Roof								
Explanation : 11 Packaged Rooftop Units								
Radiant Heater	5%			2032	$73,300	2	$1,300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Stairwell								
Explanation : 6 Electrical Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,000	2042	* *			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : 1 Out Of 3 Pressure Booster Pumps Is Not Working In The Basement.								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%	Now	$85,100	2032	$851,200	2	$2,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof. Rooftop Unit No. 2 And 10 Had Bad Compressor								
R-22 Refrigerant, Extent : Moderate, Area Affected : 90%								
Location : 11 Rooftop Package Units. Roof								
Split Unit	10%			2032	$133,700			
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 4 Units, Various Locations								
Terminal Devices								
Fan Coil - 2 Pipe	10%			2032	$171,700	1	$1,800	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2032	$16,300	2	$3,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,400	
Exhaust Fans								
Roof	20%	Now	$1,100	2032	$21,800	2	$300	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Roof, 8 Of 16 Exhaust Fans With Defects								
Roof	80%			2032	$87,400	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2032	$29,500	4	$3,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From 1 To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$28,400	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$15,800	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 345 - BK PATROLMAN ROBERT BOLDEN**		
Address	: **111 BERRIMAN STREET BTWN: LIBERTY AVE - GLENMORE AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K345**
Program / Asset #	: **BOE0606.000 / 2743**	**Yr Built/Renovated**	: **1967 / 2008**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3990** **Lot** : **1**	**BIN**	: **3088734**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,186,600	$111,500
Interior Architecture	$16,154,600	
Electrical	$341,500	$798,500
Mechanical	$52,400	$2,188,800
Site Pavements	$56,200	
Total	**$18,791,200**	**$3,098,800**
Importance Code A	$2,186,600	$111,500
Importance Code B	$16,604,600	$2,987,300
Total	**$18,791,200**	**$3,098,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,500			
Interior Architecture	$217,900		$34,000	$2,500
Electrical	$21,300	$1,100	$11,300	
Mechanical	$106,600	$18,800	$50,300	$23,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$396,300**	**$23,900**	**$99,500**	**$29,700**
Importance Code A	$55,400	$8,900	$9,100	$8,900
Importance Code B	$207,700	$15,000	$67,900	$20,800
Importance Code C	$133,200		$22,600	
Total	**$396,300**	**$23,900**	**$99,500**	**$29,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$11,400	
Masonry: Brick	98%	Now	$458,900	LIFE	* *	5	$111,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Entrance Canopies And First Floor								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : First Floor Painting								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : First Floor								
Sidewalk Shed in Use, Extent : Light, Area Affected : 5%								
Location : Atkins Avenue Temp Boiler Connection								
Windows								
Aluminum	100%	0-2	$1,727,700	2056	* *	5	$18,100	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Glazing Panes Replaced With Polycarbonate Floors 2, 3								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout Floors 2, 3								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : All Floors								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Single Pane Glazing								
Parapets								
Masonry: Brick	45%	2-4	$17,300	LIFE	* *	5	$6,800	
Efflorescence, Extent : Moderate, Area Affected : 1%								
Location : Atkins Avenue Entrance								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Vegetation Growth, Extent : Light, Area Affected : 60%								
Location : Throughout								
Metal Rail	10%			2044	* *	5-10	$27,500	
Pre-Cast Concrete	35%			LIFE	* *	5	$33,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Explanation : Staining And Efflorescence								
Roof								
Built-Up (BUR)	100%	4+	$12,500	2036	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : On Stair Bulkhead								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Bulkheads								
Explanation : Low Flashing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Entrance Canopies								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Boiler Room, Boiler Project								
Ceramic Tile	5%	Now	$37,900	2040	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms, Throughout								
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	15%			2036	* *	3	$10,100	
Vinyl Tile 9" X 9"	68%			2026	$16,154,600	3	$34,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$35,500	2040	* *	5	$6,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	10%	Now	$48,500	LIFE	* *	5	$10,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Sidewalk Elevator.								
Masonry: Brick	5%	0-2	$49,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Exterior Wall Gymnasium, Auditorium, Cafeteria								
Operable Wall	5%			2041	* *	5	$45,200	
Plaster	50%			LIFE	* *	5	$38,700	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Exterior Walls 1st Floor								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	55%	Now	$23,800	2036	* *	5	$46,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, Auditorium, And Cafeteria								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : First Floor And Hallways								
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,200	
Metal Panel	5%			LIFE	* *	5	$8,400	
Plaster	25%	0-2	$20,500	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor And Bathrooms								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%			2051	* *			
Iron Picket	20%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$56,200	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Liberty Avenue Side								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Atkins Avenue								
Explanation : Dumpster Area Used For Parking								
Activity Yard								
Asphalt	70%			2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : North Activity Yard								
Pavers/Stone	10%			2040	* *			
Rubber Matting	10%			2036	* *			
Traffic Topping	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Playground								
Explanation : Synthetic Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Amperes And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Fused Disc Sw	2%			2047	* *	5		
Molded Case Bkrs	88%			2030	$210,800	5	$2,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2031	$72,900	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$500	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$74,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$10,900	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	15%			2026	$63,000	10		
HID	5%	Now	$21,000	2041	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Outside								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Under Construction	20%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							

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DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2051	* *	1	$89,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : New Boiler Under Construction								
Distribution								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : New Main Steam Piping								
Terminal Devices								
Air Handler	20%			2036	* *	1	$11,100	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : 2nd Floor And Basement								
Convector/Radiator	80%			2029	$588,800	1	$23,300	
Recent Repair Evident, Extent : N/A, Area Affected : 80%								
Location : All Replace Trap And Valve								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	2%			2036	* *			
Window/Wall Unit	35%	Now	$47,700	2031	$119,300	1		
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor								
No Component	63%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,200	
Exhaust Fans								
Interior	40%			2031	$159,700	2	$1,100	
Roof	60%	0-2	$52,400	2041	* *	2	$1,300	
On Extended Life, Extent : Severe, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	70%			2029	$804,300	1		
Under Construction	30%							
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Under Construction								
HW Heat Exchanger								
Steam Fired	100%			2031	$435,200	4	$8,900	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	2-4	$22,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Grease Trap In Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$3,600	2026	$18,000	4	$1,900	
Broken, Extent : Severe, Area Affected : 50%								
Location : One Pump In Basement								
Sewage Ejector(s)								
Electric	100%	Now	$14,100	2031	$47,100	4	$3,600	
Broken, Extent : Severe, Area Affected : 50%								
Location : One Pump In Basement								
Backflow Preventer								
Generic	100%			2031	$40,200	1	$5,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Freight Elevator								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,300	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 346 - BK**		
Address	: **1400 PENNSYLVANIA AVENUE (STARRETT CITY)**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K346**
Program / Asset #	: **BOE0607.000 / 1233**	**Yr Built/Renovated**	: **1977 / 2004**
Area Sq Ft	: **123,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **4452** **Lot** : **25**	**BIN**	: **3098294**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$194,700	$802,200
Interior Architecture	$113,500	$4,320,900
Electrical	$177,800	$1,077,200
Mechanical	$549,300	$3,716,600
Total	**$1,035,300**	**$9,916,900**
Importance Code A	$194,700	$1,925,700
Importance Code B	$727,100	$7,877,700
Importance Code C	$113,500	$113,500
Total	**$1,035,300**	**$9,916,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,100			
Interior Architecture	$44,500	$15,600	$18,700	$7,000
Electrical	$3,700	$3,900	$4,500	$67,600
Mechanical	$112,400	$24,300	$42,500	$57,100
Site Enclosure	$16,600			
Site Pavements	$51,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$258,300**	**$47,700**	**$69,600**	**$135,600**
Importance Code A	$38,300	$12,200	$12,200	$12,400
Importance Code B	$178,600	$29,800	$57,400	$123,200
Importance Code C	$41,400	$5,700		
Total	**$258,300**	**$47,700**	**$69,600**	**$135,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	100%	Now	$194,700	LIFE	* *	5	$111,800	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Southwest Corner Of 4 Story Portion Of Building								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vertical Cracks, Extent : Light, Area Affected : 15%								
Location : Throughout								
Windows								
Aluminum	70%			2048	* *	5	$37,600	
Aluminum	30%			2048	* *	5	$16,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick Cavity	95%	Now	$25,000	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Parapet								
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Interior Parapet Walls								
Pre-Cast Concrete	5%	0-2	$1,100	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Perimeter Of Main Roof								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Underside Of Coping Stone And Transverse Joints								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Coping Stones								
Roof								
Built-Up (BUR)	100%			2032	$635,900	10	$54,500	
Soffits								
Stucco Cement	100%			2037	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,400	
Ceramic Tile	5%			2035	* *	5	$9,300	
Quarry Tile	5%			2037	* *	5	$14,000	
Terrazzo	2%			LIFE	* *	5	$2,900	
Vinyl Tile	80%			2032	$4,125,700	3	$56,000	
Wood	3%			2060	* *	5	$10,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2035	* *	5	$11,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$15,300	
Metal Panel	5%			LIFE	* *			
Operable Wall	17%			2042	* *	5	$227,000	
Plaster	40%			LIFE	* *	5	$45,800	
SGFT/Glazed Masonry	20%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	70%	0-2	$42,100	2045	* *	5	$81,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors								
Exposed Struc: Concrete	20%			LIFE	* *	5	$5,800	
Metal Panel	2%	2-4	$2,500	LIFE	* *	5	$4,700	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Plaster	8%			LIFE	* *	5	$9,300	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2042	* *			
Iron Picket	60%	Now	$9,000	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Concrete Curbing That Anchors Fence Posts								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Fence At Pennsylvania Avenue								
Free Standing Walls								
Cast in Place Concrete	100%	Now	$7,700	2067	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : North East Corner Of Rear Play Yard								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$26,200	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations - Sidewalk At Pennsylvania Avenue And Freeport Loop								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$10,600	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations - North Side Of Building								
Sinking/Subsiding, Extent : Severe, Area Affected : 5%								
Location : Main Walkway - North Side Of School								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Northwest Corner Of Asset								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$14,200	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Refuse Area								
Activity Yard								
Cast in Place Concrete	45%			2045	* *			
Rubber Matting	55%			2037	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Ampere And One 1500 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$260,100	5	$500	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$300	
Fused Toggle Switch	1%			2031	$3,000	5		
Molded Case Bkrs	84%			2031	$251,500	5	$2,700	
Molded Case Bkrs	5%			2040	* *	5	$200	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$127,000	5	$600	
Motor Control Center	30%			2030	$218,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	85%			2040	* *	10	$95,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	14%			2040	* *	10	$15,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	1%			2040	* *			
Egress Lighting								
Emergency, Service	10%			2040	* *	1		
Emergency, Battery	40%			2027	$82,600	10	$11,900	
Exit, Service	10%			2027	$5,300	1		
Exit, Battery	40%			2040	* *	10	$3,300	
Exterior Lighting								
HID	10%			2032	$57,400	10		
No Component	90%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$46,200	1	$9,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								

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DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$95,200	1-3	$23,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$38,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. 7500 Gallons Each.								
Conversion Equipment								
Steam Boiler	100%			2030	$1,072,100	1	$121,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$49,200	2032	$985,000			
On Extended Life, Extent : Severe, Area Affected : 20%								
Location : Basement. Leaking And Deteriorating Steam Condensate Return Pumping System.								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2032	$462,900	1	$15,200	
Convector/Radiator	65%			2037	* *	1	$25,800	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : 1st, 2nd, 3rd Floor Corridors. Fin Tube Radiator Leaking On Each Floor.								
Fan Coil Unit/Heat	15%			2032	$457,400	1	$6,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	0-2	$7,300	2027	$362,900	1	$10,300	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Basement Chiller Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement Chiller Room. 2 Chillers								
Window/Wall Unit	40%	Now	$3,700	2027	$186,400	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various								
No Component	40%							

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DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2042	* *	4	$1,200	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2032	$286,400	1	$15,200	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2032	$67,700	2	$17,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,600	
Exhaust Fans								
Interior	20%			2032	$109,100	2	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Inline Return Fan Is Interlocked With Air Handler.								
Roof	80%			2032	$190,900	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2045	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Basement. 2 Units.								
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$12,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$24,600	2042	* *	4	$2,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement Water Meter Room								
Sewage Ejector(s)								
Electric	100%			2040	* *	4	$7,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$62,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$85,000	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 36 - BX**		
Address	: **1070 CASTLE HILL AVENUE @BLACKROCK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X036**
Program / Asset #	: **BOE0182.000 / 512**	**Yr Built/Renovated**	: **1901 / 2008**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3817** **Lot** : **1**	**BIN**	: **2026706**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$94,300
Interior Architecture		$68,000
Electrical	$346,700	$620,800
Mechanical	$285,200	$1,357,800
Total	**$631,900**	**$2,140,900**
Importance Code A	$123,800	$94,300
Importance Code B	$508,100	$2,046,500
Total	**$631,900**	**$2,140,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$138,500	$700		$27,600
Electrical	$6,000	$2,500	$2,600	$78,600
Mechanical	$58,300	$9,900	$15,700	$27,000
Site Pavements	$9,100			
Total	**$211,900**	**$13,100**	**$18,300**	**$133,200**
Importance Code A		$7,000	$7,000	$7,200
Importance Code B	$184,300	$6,100	$11,300	$126,000
Importance Code C	$27,600			
Total	**$211,900**	**$13,100**	**$18,300**	**$133,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	5%			LIFE	* *		5	$40,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%									
Location : Throughout									
Masonry: Brick	90%			LIFE	* *		5	$94,300	
Recent Repair Evident, Extent : N/A, Area Affected : 85%									
Location : Throughout									
Masonry: Fieldstone	5%			LIFE	* *		5	$3,900	
Windows									
Aluminum	98%			2048	* *		5	$35,500	
Recent Replace Evident, Extent : N/A, Area Affected : 85%									
Location : Throughout									
Wood	2%			2048	* *		5	$7,200	
Thermally Inefficient, Extent : Light, Area Affected : 50%									
Location : Throughout									
Recent Repair Evident, Extent : N/A, Area Affected : 100%									
Location : Throughout									
Parapets									
Cast Stone/Terra Cotta	10%			LIFE	* *		5	$9,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%									
Location : Throughout									
Masonry: Brick	90%			LIFE	* *		5	$10,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%									
Location : Throughout									
Roof									
Modified Bitumen	100%			2040	* *		10	$44,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%									
Location : Throughout									
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$19,500	LIFE	* *	5	$25,100	
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Throughout Basement Boiler Room								
Ceramic Tile	5%	Now	$16,200	2041	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%	Now	$26,800	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 1st Floor Lobby								
Traffic Topping	5%			2037	* *	5	$7,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Stair Landings								
Vinyl Tile	30%	0-2	$19,000	2037	* *	3	$12,900	
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Basement Cafeteria								
Vinyl Tile	25%			2042	* *	3	$14,300	
Vinyl Tile 9" X 9"	5%			2037	* *	3	$2,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Third And Fourth Floors								
Wood	15%			2047	* *	5	$32,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	35%	Now	$25,600	LIFE	* *	5	$15,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stair Bulkhead								
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Gymnasium And Throughout Fourth Floor Rooms								
Plaster	50%			LIFE	* *	5	$22,600	
Ceilings								
Exposed Struc: Concrete	5%			LIFE	* *	5	$900	
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Rooftop Fan Room								
Plaster	40%	Now	$27,900	LIFE	* *	5	$28,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Plaster	55%			LIFE	* *	5	$39,400	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	20%			2052	* *			
Iron Picket	80%			2067	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Gates Castle Hill Avenue								
Explanation : Recent Repair Evident								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$7,100	2045	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Blackrock Avenue At Playground Car Entry								
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Blackrock Avenue At Playground Car Entry								
Tripping Hazard, Extent : Severe, Area Affected : 100%								
Location : Blackrock Avenue At Playground Car Entry								
Parking/Driveway								
Asphalt	100%	Now	$2,000	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot								
Activity Yard								
Rubber Matting	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2030	$26,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 50 Kilovolts Amperes 480 High Voltage - 208/120 Low Voltage								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	100%			2032	$144,600	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	90%			2031	$161,700	5	$1,700	
Wiring								
Braided Cloth	80%	2-4	$159,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$58,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2037	* *	10	$2,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Library And Auditorium								
Fluorescent	2%	2-4	$4,200	2042	* *			
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Incandescent	2%			2027	$39,300	2		
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$59,600	10	$8,600	
Exit, Service	50%			2027	$15,300	1		
Exterior Lighting								
HID	20%			2027	$66,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$13,300	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

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DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horn, Smoke Detector, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%	Now	$123,800	2037	* *	1	$63,300	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement. Bolier Shell Severely Corroded At Base								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,400	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement. Domestic Water Booster Pump Out Of Service								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement.								
Explanation : Chemical Feed System Not Working								
Terminal Devices								
Air Handler	20%			2032	$267,200	1	$8,800	
Convector/Radiator	70%			2030	$406,400	1	$16,100	
Fan Coil Unit/Heat	10%			2032	$176,000	1	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%	0-2	$8,100	2027	$161,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Locations. About 15 Percent Of The Window, Wall Units Are Not Working								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Interior	75%			2032	$236,200	2	$1,600	
Roof	25%			2037	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$271,900	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$17,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement.								
Explanation : Occasionally Sewage Backup At Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$14,200	4	$2,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : Recent Installation. Not Yet Commissioned.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,000	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 360X - BX**
Address : **2880 KINGSBRIDGE TERRACE BTWN W. 229 ST. - W. 230 ST.**
Borough : **BRONX** **Agency's Number** : **X360**
Program / Asset # : **BOE1005.000 / 4512** **Yr Built/Renovated** : **1999 / 2015**
Area Sq Ft : **56,000** **Project Type** : **EDUCATION**
Date of Survey : **27-Apr-2022** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3253** **Lot** : **141** **BIN** : **2103864**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$106,300	
Interior Architecture	$73,400	
Electrical		$416,500
Mechanical		$81,600
Total	**$179,700**	**$498,100**
Importance Code A	$106,300	
Importance Code B		$498,100
Importance Code C	$73,400	
Total	**$179,700**	**$498,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,900		$15,600	
Interior Architecture	$38,900		$45,600	$2,400
Electrical	$28,900	$9,100	$12,300	$10,200
Mechanical	$56,300	$19,100	$15,900	$12,600
Site Pavements	$14,600			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$206,500**	**$36,100**	**$97,300**	**$33,000**
Importance Code A	$62,600	$2,800	$18,400	$2,800
Importance Code B	$140,800	$33,300	$78,900	$29,100
Importance Code C	$3,100			$1,200
Total	**$206,500**	**$36,100**	**$97,300**	**$33,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$68,400	
Pre-Cast Concrete	30%	4+	$106,300	LIFE	* *	5	$47,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Windows								
Aluminum	100%			2049	* *	5	$22,900	
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	$10,800	
Metal Panel	10%			2053	* *	5	$1,500	
Metal Rail	30%			2046	* *	5-10	$21,400	
Pre-Cast Concrete	20%			LIFE	* *	5	$10,000	
Roof								
Metal Panel	5%			2046	* *	10	$2,600	
Modified Bitumen	95%			2038	* *	10	$27,100	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,200	
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Basement								
Explanation : Epoxy Coating Over Concrete Floor								
Ceramic Tile	3%			2042	* *	5	$2,500	
Quarry Tile	2%			2046	* *	5	$2,500	
Terrazzo	5%			LIFE	* *	5	$6,500	
Vinyl Tile	85%			2038	* *	3	$26,600	
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$2,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,100	
Gypsum Board	87%			LIFE	* *	5-10	$113,500	
Ceilings								
AcousTileSusp.Lay-In	85%			2046	* *	5	$70,900	
Gypsum Board	10%			LIFE	* *	5-10	$28,700	
Metal Panel	5%			LIFE	* *	5	$10,400	
Site Enclosure								
Fence/Gates								
Chain Link	90%			2053	* *			
Iron Picket	10%			2068	* *			
Retaining Walls								
Cast in Place Concrete	70%			2077	* *			
Masonry: Brick	30%			2053	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$14,600	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kingsbridge Terrace								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Kingsbridge Terrace Near Tree Pits								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 3,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$17,200	
Generators								
Diesel	100%	Now	$13,900	2036	* *	1	$19,500	
Start Syst Needs Repair, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Generator Enclosure								
Explanation : Rated At 187.5 Kilovolt Amperes								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$12,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : 50 Gallons Capacity								
Main Tank	50%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 137 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$41,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2033	$167,000	10	$10,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2033	$17,200	1		
Exit, Service	50%			2033	$12,100	1		
Exterior Lighting								
LED	10%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$105,100	1	$20,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$144,400	1-3	$35,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2038	* *	1	$27,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 22 Rooftop Package Units								
Terminal Devices								
Fan Coil Unit/Heat	10%	0-2	$27,800	2038	* *	1	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 75%								
Location : Various Locations. 75 Percent Of The Units Are Not Working								
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2041	* *	2	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 16 Rooftop Package Units. R-410a								
Split Unit	5%			2038	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,400	
Exhaust Fans								
Roof	100%			2041	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 4th Floor, 1 Unit From 1st To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$28,200	
Sprinkler								
Generic	100%			2053	* *	1-2	$15,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 361 - BK**		
Address	: **3109 NEWKIRK AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K864**
Program / Asset #	: **BOE0558.010 / 1277**	**Yr Built/Renovated**	: **1897 / 2013**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Att**		
Block	: **4965** **Lot** : **1**	**BIN**	: **3112334**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,994,500	$65,400
Interior Architecture	$757,600	
Electrical	$139,700	$353,200
Mechanical	$479,400	$5,161,000
Total	**$3,371,200**	**$5,579,600**
Importance Code A	$2,473,900	$65,400
Importance Code B	$139,700	$5,514,200
Importance Code C	$757,600	
Total	**$3,371,200**	**$5,579,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$57,900		$12,900	
Interior Architecture	$125,300	$2,200	$19,000	$11,900
Electrical	$5,200	$5,100	$7,000	$5,100
Mechanical	$83,400	$7,700	$10,700	$14,500
Site Pavements	$8,600			
Total	**$280,400**	**$15,000**	**$49,600**	**$31,600**
Importance Code A	$57,900	$5,400	$18,300	$5,400
Importance Code B	$211,500	$9,600	$31,300	$16,400
Importance Code C	$11,000			$9,800
Total	**$280,400**	**$15,000**	**$49,600**	**$31,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	$16,300	LIFE	* *	5	$32,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Banding Course								
Masonry: Brick	80%	Now	$1,616,700	LIFE	* *	5	$65,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brownstone	15%			LIFE	* *	5	$18,400	
Windows								
Aluminum	50%	Now	$206,400	2049	* *	5	$7,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Room 309								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Along 31st And Newkirk Avenue								
Aluminum	48%			2041	* *	5	$13,900	
Wood	2%	Now	$23,200	2058	* *	5	$2,900	1
Dry Rot/Decay, Extent : Severe, Area Affected : 100%								
Location : Attic								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Attic								
Parapets								
Masonry: Brick	78%			LIFE	* *	5-10	$80,900	
Masonry: Limestone	5%	Now	$4,700	LIFE	* *	5	$1,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Metal: Cage/Fence	2%			2046	* *	5-10	$2,300	
Pre-Cast Concrete	5%	0-2	$3,100	LIFE	* *	5	$4,800	
Spalling, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Wood Cornice	10%			2043	* *	5-10	$20,100	
Roof								
Asphalt Shingle	50%			2046	* *	10	$4,600	
Built-Up (BUR)	40%	Now	$102,300	2038	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Flat Roof								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Theater And Stair 6								
Roll Roofing	8%	Now	$1,400	2032	$28,500	5	$3,700	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Roof Over Room 301, 306 And 309								
Skylight, Plastic	2%			2046	* *	1		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2034	* *	3	$6,500	
Cast in Place Concrete	5%			LIFE	* *	5	$19,000	
Ceramic Tile	5%			2042	* *	5	$4,300	
Quarry Tile	5%			2046	* *	5	$6,500	
Vinyl Tile	70%			2041	* *	3	$22,800	
Wood	10%			2061	* *	5	$16,300	
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$19,500	
Glass: Single Pane	3%			LIFE	* *	5	$8,800	
Masonry: Brick	5%	2-4	$92,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	10	$5,900	
Metal: Cage/Fence	2%			LIFE	* *	10	$800	
Plaster	70%	Now	$664,700	LIFE	* *	5	$41,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Around Windows In Cafeteria And Throughout Classrooms								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	$36,100	2038	* *	5	$10,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 3rd Floor								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Room 309								
Explanation : Mold Smell In Storage Closet								
Embossed Metal	4%	2-4	$18,300	LIFE	* *	5	$1,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Embossed Metal	61%			LIFE	* *	5	$47,700	
Plaster	10%	Now	$26,400	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Classrooms								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2053	* *			
Iron Picket	70%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	90%	Now	$6,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Rubber Matting	10%	Now	$1,800	2038	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Playground								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Playground								
Explanation : Safety Surface Tiles Moving, Large Joints								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Raceway								
Conduit	20%			2043	* *	1		
Conduit	80%			2033	$115,700	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	$57,300	5	$300	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$49,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$77,000	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$103,200	1	$20,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$33,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	$126,200	5	$17,000	
Conversion Equipment								
Steam Boiler	100%	2-4	$479,400	2053	* *	1	$49,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	Now	$26,400	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Steam Piping/Pump	90%			2033	$396,400			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%			2031	$449,700	1	$17,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	15%	0-2	$39,100	2031	$130,500	2	$400	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : The Coil								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Attic								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Attic. Not Working For A Long Time.								
Window/Wall Unit	60%			2031	$125,000	1		
No Component	25%							
Distribution								
Ductwork/Diffusers	5%	0-2	$9,100	LIFE	* *	2	$3,600	
Needs Cleaning, Extent : Moderate, Area Affected : 100%								
Location : Attic								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$4,900	
No Component	90%							
Exhaust Fans								
Interior	10%			2033	$24,400	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2031	$210,600	1		
Water Heater With Tanks								
Gas Fired	50%	0-2	$4,300	2033	$8,500	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Gas Fired	50%			2031	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$1,700	4	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Pool Filter/Treatment								
Sand	100%			2031	$3,722,500	4	$13,600	
Not in Service, Extent : Light, Area Affected : 100%								
Location : Main Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Swimming Pool Has Not Been Used For A Long Time.								
Backflow Preventer								
Generic	100%			2038	* *	1	$3,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	$38,000	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 361 - BK MINISCHOOL**
Address : **3109 NEWKIRK AVE.**
Borough : **BROOKLYN**
Program / Asset # : **BOE0558.020 / 2556**
Area Sq Ft : **10,000**
Date of Survey : **04-Nov-2021**
Areas Surveyed : **Roof, Floors 1**
Block : **4965** **Lot** : **1**

Agency's Number : **K869**
Yr Built/Renovated : **1989 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **3112334**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$515,600	$62,700
Total	**$515,600**	**$62,700**
Importance Code A	$515,600	$62,700
Total	**$515,600**	**$62,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$1,200	
Interior Architecture	$37,900		$2,200	$1,100
Electrical	$600	$600	$900	$600
Mechanical	$10,600	$600	$2,100	$600
Total	**$49,100**	**$1,200**	**$6,400**	**$2,300**
Importance Code A	$500	$500	$1,700	$500
Importance Code B	$31,700	$700	$4,700	$1,100
Importance Code C	$16,900			$700
Total	**$49,100**	**$1,200**	**$6,400**	**$2,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 361 - BK MINISCHOOL
Asset # : 2556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	20%	Now	$62,400	2053	* *	5	$5,900	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building								
Explanation : Minischool Is Unoccupied, Used As Storage								
Metal Panel	80%			2053	* *	5-10	$86,200	
Windows								
Aluminum	100%			2041	* *	5	$2,400	
Roof								
Metal Panel	100%	Now	$453,200	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Upper Roof								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$3,300	
Ceramic Tile	5%			2042	* *	5	$800	
Quarry Tile	5%			2046	* *	5	$1,100	
Vinyl Tile	85%			2038	* *	3	$4,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$1,300	
Gypsum Board	90%	Now	$16,900	LIFE	* *	5	$7,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Exterior Walls Of Classrooms								
Ceilings								
AcousTileSusp.Lay-In	20%	Now	$16,900	2038	* *	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	70%			2038	* *	5	$10,300	
Exposed Struc: Steel	5%			LIFE	* *	10	$1,500	
Metal Panel	5%			LIFE	* *	5	$1,800	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK MINISCHOOL

Asset # : 2556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2043	* *	5	$300	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$3,000	5		
Molded Case Bkrs	90%			2041	* *	5	$200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$9,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	30%			2028	$14,000	10		
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2033	$3,800	1	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 361 - BK MINISCHOOL
Asset # : 2556

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$6,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2033	$31,600	1	$5,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2028	$30,800	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,000	
Exhaust Fans								
Interior	80%			2033	$36,100	2	$300	
Roof	20%			2028	$3,900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$3,400	2033	$17,100	2		
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK MINISCHOOL

Asset # : 2556

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

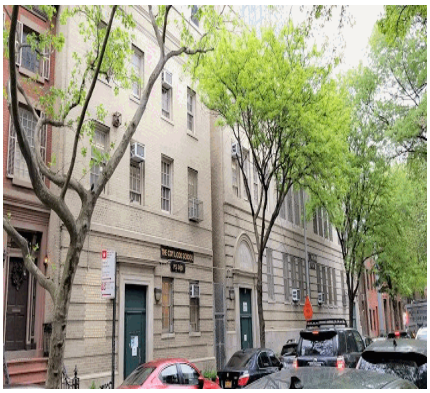
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 369 - BK**		
Address	: **383-387 STATE STREET BTWN: BOND ST., NEVINS ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K369**
Program / Asset #	: **BOE0608.000 / 1234**	**Yr Built/Renovated**	: **1907 / 2000**
Area Sq Ft	: **33,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-May-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **172** **Lot** : **55**	**BIN**	: **3000567**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$493,200	$61,000
Interior Architecture	$240,400	$292,800
Electrical		$63,300
Mechanical	$87,500	$269,800
Site Pavements		$70,700
Total	**$821,200**	**$757,700**
Importance Code A	$493,200	$61,000
Importance Code B	$274,600	$696,700
Importance Code C	$53,400	
Total	**$821,200**	**$757,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,400	$3,800		$3,200
Interior Architecture	$120,300	$17,100		$4,600
Electrical	$33,100	$2,900	$2,200	$32,600
Mechanical	$43,600	$4,400	$4,200	$9,100
Site Enclosure	$2,500			
Site Pavements	$24,600			
Total	**$266,400**	**$28,200**	**$6,400**	**$49,600**
Importance Code A	$67,700	$6,600	$2,800	$6,000
Importance Code B	$122,800	$21,600	$3,600	$43,600
Importance Code C	$75,800			
Total	**$266,400**	**$28,200**	**$6,400**	**$49,600**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$199,300	LIFE	* *	5	$48,400	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rear Facade Play Yard Area								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Window Lintel At 2nd Floor Connector								
Masonry: Limestone	5%	Now	$42,400	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Above Entrance								
Stucco Cement	5%			2045	* *	5	$6,700	
Windows								
Wood	100%	Now	$294,000	2057	* *	5	$61,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 55%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : Classrooms								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$2,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,000	
Stucco Cement	10%			2045	* *	5	$900	
Roof								
Copper/Terne	5%			2047	* *	10	$3,200	
Metal, Corrugated	5%			2037	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fire Escape								
Explanation : Fire Escape Roof								
Modified Bitumen	90%			2040	* *	10	$22,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$14,900	2041	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Restrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Restrooms								
Panel/Paver: Cer/Brk	20%			2040	* *	5	$23,800	
Vinyl Tile	10%	0-2	$2,900	2037	* *	3	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	20%	Now	$5,900	2032	$292,800	3	$4,000	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Vinyl Tile 9" X 9"	40%	Now	$187,100	2042	* *	3	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Offices								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Offices								
Wood	5%			2060	* *	5	$5,000	
Interior Walls								
Ceramic Tile	10%	Now	$53,400	2035	* *	5	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms And Stairs Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$1,900	
Masonry: Brick	10%	Now	$46,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 40%								
Location : Old Coal Storage Room, Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Connector								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Old Coal Storage Room								
Marble Panels	5%	Now	$21,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Entry Stair								
Plaster	65%			LIFE	* *	5	$9,500	
Ceilings								
AcousTile,Adhered	10%			2045	* *	5	$5,300	
Plaster	90%	Now	$29,000	LIFE	* *	5	$29,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Of Administrative Side								
Site Enclosure								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$2,500	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gate								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	82%	Now	$1,000	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Entry Steps								
Steel Plate	18%	Now	$4,700	LIFE	* *	1		
Corrosion/Rusting, Extent : Severe, Area Affected : 15%								
Location : Fire Escape Stairs And Landing								
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Fire Escape Stairs								
Activity Yard								
Rubber Matting	20%	Now	$7,100	2032	$70,700			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Playground								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Explanation : Vegetation Growth								
Traffic Topping	80%	Now	$11,700	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes And 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$100	
Raceway								
Conduit	80%			2032	$49,000	1		
Conduit	20%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$900	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	40%	2-4	$30,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2045	* *	5	$200	
Locally Mounted	20%			2030	$14,300	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	2%			2037	* *	10	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorecent Lights								
Fluorescent	98%			2037	* *	10	$29,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	25%			2032	$13,800	10	$2,000	
Emergency, Battery	25%			2032	$13,800	10	$2,000	
Exit, Service	25%			2037	* *	1		
Exit, Service	25%			2032	$3,600	1		
Exterior Lighting								
HID	15%			2037	* *	10		
LED	5%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$18,600	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2040	* *	1-3	$20,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2042	* *	5	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 2000 Gallon Day Tank, Two 6000 Gallon Tanks								
Conversion Equipment								
Hot Water Boiler	30%	0-2	$5,300	2037	* *	1	$4,400	
Controller Not Working, Extent : Light, Area Affected : 10%								
Location : Administration Office								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basment Of Administration Office								
Explanation : 1 Hot Water Boiler								
Steam Boiler	70%	0-2	$20,100	2037	* *	1	$20,600	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Basement.								
Other Observation, Extent : Light, Area Affected : 66%								
Location : Basement								
Explanation : Two Steam Boilers. Fire Tubes Leaks In Steam Boiler								
Distribution								
Hot Wtr Piping/Pump	30%	0-2	$2,200	2048	* *	4	$500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Central Plant Steam Piping/Pmp	70%	Now	$13,000	2042	* *	4	$1,100	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Main Electrical Control Room								
Terminal Devices								
Convector/Radiator	100%			2030	$269,800	1	$10,700	
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Window/Wall Unit	70%	Now	$1,800	2027	$87,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$900	
No Component	95%							
Exhaust Fans								
Roof	10%			2032	$6,400	2	$100	
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, Commercial And Regular								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$1,000	
Backflow Preventer								
No Component	30%							
Generic	70%			2037	* *	1	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$500	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 37 - BX**		
Address	: **360 WEST 230 STREET @IRWIN AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X037**
Program / Asset #	: **BOE0996.000 / 4490**	**Yr Built/Renovated**	: **1994 /**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-May-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **5716** **Lot** : **725**	**BIN**	: **2097990**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$117,700	$1,217,400
Electrical	$53,000	$414,000
Mechanical		$4,148,700
Total	**$170,700**	**$5,780,000**
Importance Code A	$117,700	$1,217,400
Importance Code B	$53,000	$4,562,600
Total	**$170,700**	**$5,780,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,500	$9,100		
Interior Architecture	$35,500		$8,500	
Electrical	$15,100	$19,000	$5,800	$6,100
Mechanical	$51,900	$30,000	$31,600	$17,300
Site Pavements	$65,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$208,100**	**$66,000**	**$53,800**	**$31,200**
Importance Code A	$38,300	$15,100	$5,800	$5,800
Importance Code B	$165,500	$50,900	$47,900	$25,400
Importance Code C	$4,300			
Total	**$208,100**	**$66,000**	**$53,800**	**$31,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	90%	Now	$117,700	LIFE	* *	5	$54,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Throughout Exterior Facade Near Coiling Door								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Classroom 306								
Metal Coiling Doors	5%			2043	* *	5	$15,200	
Window Wall	5%			2050	* *	5	$18,300	
Windows								
Aluminum	95%	Now	$9,200	2046	* *	5	$4,800	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : South Facade, 306, Staircase C								
Glass Block	5%			LIFE	* *	5	$300	
Parapets								
Concrete Masonry Unit	80%			LIFE	* *	5	$20,400	
Metal: Cage/Fence	20%			2043	* *	5-10	$35,000	
Roof								
IRMA/Protected Membrane	100%	4+	$23,300	2030	$1,162,500			
Vegetation Growth, Extent : Light, Area Affected : 1%								
Location : Around Area Drains Throughout								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : 4th Floor Gymnasium, Auditorium								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$4,500	
Terrazzo	10%	4+	$16,900	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Lobby Entrance								
Vinyl Tile	75%			2035	* *	3	$25,400	
Wood	10%			2058	* *	5	$17,000	
Interior Walls								
Ceramic Tile	10%			2039	* *	5	$8,600	
Concrete Masonry Unit	45%			LIFE	* *	5	$15,400	
Glass Block	2%			LIFE	* *			
Glass: Single Pane	3%			LIFE	* *	5	$1,900	
Gypsum Board	10%			LIFE	* *	5	$5,100	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2043	* *	5	$27,100	
AcousTileSusp.Lay-In	40%	4+	$12,000	2043	* *	5	$18,100	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$11,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$15,600	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Front Of Building West 230 Street								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : West 230th Street								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : West 230th Street								
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Pavers/Stone	5%			2039	* *			
Activity Yard								
Asphalt	100%	4+	$49,600	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$300	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$100	
Molded Case Bkrs	90%			2038	* *	5	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$18,200	
Generators								
Diesel	100%			2033	$138,700	1	$22,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 153 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$13,100	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Generator Room Basement								
Explanation : One 50 Gallons								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	88%			2035	* *	10	$47,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2035	* *	10	$5,400	
Other Observation, Extent : Light, Area Affected : 6%								
Location : Lobby And Hallway								
Explanation : Compact Lamps								
HID	2%			2035	* *	10		
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2025	$12,700	1		
Exterior Lighting								
HID	100%			2030	$275,300	10	$200	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$33,200	1	$6,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : No CCTV Camera Only Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$45,700	1-3	$11,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank For No.2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	10%	0-2	$6,500	2038	* *	4	$300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : 4 Circulating Pumps And Piping, Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : 4 Circulating Pumps In Boiler Room, And All Thermostats, Throughout								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Building Management System, Throughout								
Hot Wtr Piping/Pump	70%			2038	* *	4	$2,000	
Steam Piping/Pump	20%	0-2	$1,900	2040	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								

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DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	18%	0-2	$4,000	2030	$199,900	1	$5,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control Board Of Unit No.2 In Basement Mechanical Room								
Air Handler	27%			2030	$299,800	1	$9,900	
Convector/Radiator	5%			2035	* *	1	$1,000	
Fan Coil Unit/Heat	10%	0-2	$2,900	2030	$146,300	1	$1,700	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Room 314 And Sciences Laboratory								
Fan Coil Unit/Heat	40%			2030	$585,100	1	$7,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2030	$870,400	1	$27,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4th Floor Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2040	* *	4	$4,400	
Terminal Devices								
Air Handler/Cool/Ht	60%			2030	$686,900	1	$21,900	
Fan Coil - 4 Pipe	40%			2030	$897,700	1	$7,600	
Heat Rejection								
Air Cooled Condenser Unit	10%	0-2	$1,700	2030	$17,100	2	$3,300	
Broken, Extent : Moderate, Area Affected : 20%								
Location : 2 Condenser Motors, Roof								
Air Cooled Condenser Unit	90%			2030	$153,700	2	$37,000	
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$5,200	LIFE	* *	2-5	$3,300	
Unbalanced System, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$29,600	
Exhaust Fans								
Interior	90%			2030	$235,500	2	$1,600	
Roof	10%			2030	$11,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$1,500	2040	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Brass/Copper	90%			2040	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$1,800	4	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
Generic	100%			2030	$26,300	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From Basement To 1st Floor, One Unit From 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$29,800	
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$3,300	
Fire Pump								
Generic	100%			2033	$56,300	1	$11,000	
Chemical System								
No Component	99%							
Generic	1%			2025	$3,700	1-3	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 370 - BK (SIE VII/P370)**		
Address	: **3000 WEST 1ST STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K370**
Program / Asset #	: **BOE0609.000 / 1235**	**Yr Built/Renovated**	: **1921 / 2011**
Area Sq Ft	: **45,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **7274** **Lot** : **107**	**BIN**	: **3196587**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$78,900
Interior Architecture		$174,300
Electrical		$310,000
Mechanical	$745,500	$1,170,000
Total	**$745,500**	**$1,733,200**
Importance Code A		$78,900
Importance Code B	$745,500	$1,654,300
Total	**$745,500**	**$1,733,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$2,300		$10,300	$11,200
Interior Architecture	$78,900	$1,100	$2,700	$5,800
Electrical	$9,400	$5,800	$62,300	$5,600
Mechanical	$34,300	$24,900	$49,700	$24,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$128,900**	**$35,800**	**$129,000**	**$51,000**
Importance Code A	$6,700	$4,500	$14,800	$15,600
Importance Code B	$118,200	$31,300	$114,200	$35,400
Importance Code C	$4,000			
Total	**$128,900**	**$35,800**	**$129,000**	**$51,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$78,900	
Masonry: Limestone	10%			LIFE	* *	5	$7,000	
Metal Panel	5%			2051	* *	5-10	$31,900	
Windows								
Aluminum	98%			2047	* *	5	$22,300	
Wood	2%			2039	* *	5	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry Lobby								
Explanation : Arched Top Sash								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$13,000	
Metal Panel	5%			2051	* *	5	$3,100	
Metal Rail	5%			2048	* *	5-10	$14,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,200	
Roof								
Modified Bitumen	100%			2039	* *	10	$48,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$16,000	
Ceramic Tile	3%			2040	* *	5	$2,200	
Marble Panels	2%			LIFE	* *	5	$1,100	
Quarry Tile	5%			2036	* *	5	$5,500	
Sheet Vinyl/Rubber	3%			2039	* *	5	$3,300	
Terrazzo	3%	4+	$4,100	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Lobby								
Traffic Topping	5%	Now	$3,500	2031	$174,300	5	$2,300	
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Vinyl Tile	64%	2-4	$25,800	2036	* *	3	$17,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	5%			2059	* *	5	$6,800	
Repairs in Progress, Extent : N/A, Area Affected : 5%								
Location : 3rd Floor Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 370 - BK (SIE VII/P370)
Asset # : 1235

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$4,000	2040	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Teachers Bathroom								
Glass: Single Pane	3%			LIFE	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Safety Wire Glazing								
Gypsum Board	15%			LIFE	* *	5	$6,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	67%			LIFE	* *	5	$14,600	
Ceilings								
AcousTileSusp.Lay-In	5%	0-2	$36,400	2051	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$13,700	
Metal Panel	5%			LIFE	* *	5	$4,600	
Plaster	70%			LIFE	* *	5	$32,000	
Site Enclosure								
Fence/Gates								
Chain Link	90%			2051	* *			
Iron Picket	10%			2066	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Main Entrance Garden								
Explanation : Letters In Pickets								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes								
Fused Disc Sw	50%			2031	$12,700	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$162,600	5	$200	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	90%			2039	* *	5	$1,100	
Wiring								
Braided Cloth	10%			2030	$10,600	1		
Thermoplastic	90%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$13,800	
Generators								
Diesel	100%			2034	* *	1	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 125 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$1,700	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$39,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2036	* *	10	$800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Stairs								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2036	* *	10	$4,300	
Exit, Service	45%			2026	$8,700	1		
Exit, Battery	5%			2031	$3,200	10	$200	
Exterior Lighting								
Fluorescent	70%			2036	* *	10	$2,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Roof And Building Perimeter								
HID	30%			2031	$63,000	10		
Alarm								
Security System								
Generic	50%			2031	$42,200	1	$8,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2031	$42,200	1	$8,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	$34,800	1-3	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detection, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 3,000 Gallon Oil Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$44,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers.								
Distribution								
Hot Wtr Piping/Pump	60%			2039	* *	4	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Glycol Hot Water Distribution System For Building Perimeter Heating								
Central Plant Steam Piping/Pmp	40%			2041	* *	4	$1,300	
Terminal Devices								
Air Handler	40%			2031	$338,700	1	$11,100	
Convector/Radiator	30%			2029	$110,400	1	$4,400	
Fan Coil Unit/Heat	30%	Now	$6,700	2031	$334,700	1	$3,900	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Various Locations Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	Now	$13,300	2026	$663,900	1	$18,800	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Chiller 1 Located In Penthouse Mechanical Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Explanation : 2 Air Cooled Chillers.								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2041	* *	4	$3,300	
Heat Rejection								
Dry Cooler	100%			2031	$206,500	2	$31,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,100	
Exhaust Fans								
Interior	90%			2031	$179,600	2	$1,200	
Roof	10%			2031	$8,700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$9,000	4	$1,000	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$2,700	
Backflow Preventer								
Generic	100%			2036	* *	1	$2,800	
Fixtures								
Generic	100%							
Leaking Connections, Extent : Light, Area Affected : 2%								
Location : 3rd Floor Staff Toilet Room								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Through 4th Floors								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$22,700	
Sprinkler								
Generic	100%			2041	* *	1-2	$12,600	
Chemical System								
Generic	100%			2026	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 371 - BK (ALSO P.S. 231)**		
Address	: **355 37TH STREET BTWN: 4TH AVE., 3 AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K371**
Program / Asset #	: **BOE0610.000 / 1236**	**Yr Built/Renovated**	: **1966 / 2008**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,Ph**		
Block	: **696** **Lot** : **31**	**BIN**	: **3337059**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$271,300	$197,400
Interior Architecture	$11,488,700	$521,000
Electrical	$231,200	$825,400
Mechanical	$261,900	$3,004,900
Total	**$12,253,100**	**$4,548,700**
Importance Code A	$271,300	$781,400
Importance Code B	$11,921,500	$3,549,200
Importance Code C	$60,300	$218,200
Total	**$12,253,100**	**$4,548,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$60,900	$10,000		$7,900
Electrical	$7,000	$45,700	$6,300	$6,300
Mechanical	$24,800	$56,100	$18,400	$9,300
Site Enclosure	$900			
Site Pavements	$17,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$115,300**	**$115,800**	**$28,600**	**$27,400**
Importance Code A	$6,600	$6,800	$6,600	$6,600
Importance Code B	$53,900	$109,000	$21,900	$20,800
Importance Code C	$54,800			
Total	**$115,300**	**$115,800**	**$28,600**	**$27,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 371 - BK (ALSO P.S. 231)
Asset # : 1236

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	13%			LIFE	* *	5	$57,300	
Masonry: Brick	85%			LIFE	* *	5	$74,900	
Masonry: Limestone	2%			LIFE	* *	5	$1,300	
Windows								
Aluminum	95%	4+	$139,200	2046	* *	5	$7,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Metal Louvers	5%			2039	* *	10	$4,800	
Parapets								
Metal Rail	100%	4+	$61,600	2043	* *	5	$65,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2035	* *	10	$70,500	
Metal Panel	10%			2043	* *	10	$14,400	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,200	
Ceramic Tile	5%			2033	$237,200	5	$4,200	
Terrazzo	5%	4+	$19,700	LIFE	* *	5	$3,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Vinyl Tile 9" X 9"	75%	0-2	$222,800	2025	$11,138,000	3	$23,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Wood	10%			2045	* *	5	$15,800	
Interior Walls								
Cast in Place Concrete	5%	0-2	$60,300	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement Beam Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Beam Boiler Room								
Ceramic Tile	5%			2033	$218,200	5	$4,000	
Concrete Masonry Unit	10%	2-4	$14,900	LIFE	* *	5	$3,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Basement								
Plaster	55%	Now	$21,200	LIFE	* *	5	$13,100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Stairwell								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 371 - BK (ALSO P.S. 231)
Asset # : 1236

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$4,200	
AcousTileConcealSpLn	25%	0-2	$67,700	2035	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
AcousTileSusp.Lay-In	5%			2043	* *	5	$4,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Cafeteria								
Exposed Struc: Concrete	40%			LIFE	* *	5	$5,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	$65,600			
Metal Panel	5%			LIFE	* *	5	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Concealed Metal Panel System								
Plaster	10%	Now	$5,100	LIFE	* *	5	$5,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Stairwell								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	10%	2-4	$900	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 37th Street								
Chain Link	25%			2050	* *			
Iron Picket	65%			2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$11,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot								
Parking/Driveway								
Asphalt	100%	Now	$6,200	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 371 - BK (ALSO P.S. 231)
Asset # : 1236

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$300	
Raceway								
Conduit	100%			2030	$144,600	1		
Panelboards								
Fused Disc Sw	4%			2029	$7,200	5	$100	
Fused Toggle Switch	1%			2029	$1,800	5		
Molded Case Bkrs	80%			2029	$143,700	5	$1,400	
Molded Case Bkrs	15%			2038	* *	5	$300	
Wiring								
Braided Cloth	80%			2029	$159,700	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$58,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2035	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, Gymnasium And Room 202								
Egress Lighting								
Emergency, Service	25%			2030	$9,200	1		
Emergency, Battery	25%			2030	$25,100	10	$3,600	
Exit, Battery	50%			2035	* *	10	$2,000	
Exterior Lighting								
Incandescent	10%			2025	$35,900	2		
LED	90%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 371 - BK (ALSO P.S. 231)
Asset # : 1236

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2040	* *	1	$12,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Generic	50%			2030	$62,900	1	$12,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2025	$172,800	1-3	$41,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$155,800	5	$20,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 6,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	$584,000	1	$66,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers, Also Serves Adjacent Building, Asset 4230								
Distribution								
Steam Piping/Pump	100%	Now	$10,700	2030	$536,500			
Controller Not Working, Extent : Severe, Area Affected : 30%								
Location : Pneumatic Controllers And Valves Throughout Building								
Terminal Devices								
Air Handler	20%	Now	$5,000	2030	$252,200	1	$7,500	
Damper(s) Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Roof Penthouse And Sub-basement								
Convector/Radiator	80%			2035	* *	1	$17,300	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	80%			2025	$203,100	1		
No Component	15%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 371 - BK (ALSO P.S. 231)

Asset # : 1236

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$58,900	LIFE	* *	2-5	$37,400	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Ductwork								
Exhaust Fans								
Interior	100%			2030	$297,200	2	$2,100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2028	$855,300	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$324,000	4	$6,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Not Accessible	100%							
Sewage Ejector(s)								
Electric	100%			2025	$35,100	4	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 373 - SI (FORMER P. S. 40)**		
Address	: **91 HENDERSON AVENUE @LAFAYETTE AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R040**
Program / Asset #	: **BOE0928.000 / 1435**	**Yr Built/Renovated**	: **1926 / 2012**
Area Sq Ft	: **38,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **73** **Lot** : **64**	**BIN**	: **5001823**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$414,500
Electrical		$376,500
Mechanical	$168,500	$440,300
Site Enclosure	$52,500	
Site Pavements	$73,800	
Total	**$294,900**	**$1,231,300**
Importance Code B	$221,000	$1,231,300
Importance Code C	$73,800	
Total	**$294,900**	**$1,231,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$130,100		$5,300	
Interior Architecture	$81,500		$8,400	$300
Electrical	$4,800	$3,500	$3,700	$4,800
Mechanical	$135,000	$5,100	$8,600	$5,100
Site Pavements	$20,700			
Total	**$372,100**	**$8,600**	**$25,900**	**$10,100**
Importance Code A	$133,800	$3,800	$9,000	$3,800
Importance Code B	$192,700	$4,900	$14,400	$6,400
Importance Code C	$45,600		$2,500	
Total	**$372,100**	**$8,600**	**$25,900**	**$10,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 373 - SI (FORMER P. S. 40)
Asset # : 1435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$37,600	
Masonry: Brick	90%			LIFE	* *	5	$86,700	
Masonry: Granite	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%	4+	$30,300	2049	* *	5	$3,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$20,400	
Masonry: Brick	75%			LIFE	* *	5-10	$24,600	
Metal Rail	10%			2046	* *	5-10	$8,700	
Roof								
Modified Bitumen	100%			2038	* *	10	$37,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,300	
Ceramic Tile	5%			2046	* *	5	$2,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Toilet Rooms								
Marble Panels	5%			LIFE	* *	5	$3,500	
Vinyl Tile	80%			2038	* *	3	$14,100	
Vinyl Tile 9" X 9"	5%			2033	$414,500	3	$1,200	
Interior Walls								
Ceramic Tile	5%			2046	* *	5	$5,000	
Marble Panels	5%			LIFE	* *	10	$2,000	
Plaster	80%	4+	$38,600	LIFE	* *	5	$23,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Room 314 And Girls Bathroom On Third Floor								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Room 314 And Girls Bathroom On Third Floor								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$5,000	
Ceilings								
AcousTile,Adhered	13%	4+	$3,600	2038	* *	5	$2,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Multipurpose Room								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$5,400	
Metal Panel	2%	4+	$600	LIFE	* *	5	$1,100	
Bent/Warped Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Plaster	75%	0-2	$19,800	LIFE	* *	5	$20,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Room 314 And Girls Bathroom On Third Floor								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Room 314 And Girls Bathroom On Third Floor								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 373 - SI (FORMER P. S. 40)
Asset # : 1435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	65%			2043	* *			
Iron Picket	35%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$52,500	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : By Garbage Dumpster Location								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : By Garbage Dumpster Location								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$73,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : By Garbage Dumpster Location								
Activity Yard								
Asphalt	95%	Now	$20,700	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Rear Yard								
Rubber Matting	5%			2033	$6,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Raceway								
Conduit	95%			2033	$58,200	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$10,000	5	$100	
Molded Case Bkrs	90%			2032	$89,800	5	$900	
Wiring								
Thermoplastic	30%			2033	$23,200	1		
Thermoplastic	70%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$300	

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DEPARTMENT OF EDUCATION - 040
P. S. 373 - SI (FORMER P. S. 40)
Asset # : 1435

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2041	* *	10	$33,100	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$1,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	40%			2028	$9,400	1		
Emergency, Battery	10%			2041	* *	10	$900	
Exit, Service	50%			2028	$8,200	1		
Exterior Lighting								
HID	20%			2028	$35,500	10		
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior And Exterior								
Explanation : Cameras Security System								
Generic	50%			2028	$35,700	1	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$98,000	1-3	$24,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fire Alarm Main Panel Is Working On Extended Life.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 373 - SI (FORMER P. S. 40)

Asset # : 1435

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$37,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Two Tubes Capped								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$30,400	2043	* *			
Broken, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room Condensate Return								
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump Corroded								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Fresh Air Louvers Are Not Working								
Terminal Devices								
Convector/Radiator	100%			2031	$310,700	1	$12,300	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	90%	0-2	$25,900	2028	$129,600	1		
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : Various Locations. 25 Percent Of Window, Wall Unit Are Not Working								
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,500	
Exhaust Fans								
Interior	100%	Now	$168,500	2043	* *	2	$900	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Women Bathroom And House Exhaust Fans								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Abandoned in Place, Extent : Light, Area Affected : 5%								
Location : Basement Old Water Heater								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 175 Gallon Heater Replaced With 100 Gallon Unit								

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DEPARTMENT OF EDUCATION - 040
P. S. 373 - SI (FORMER P. S. 40)
Asset # : 1435

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	0-2	$47,900	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement. Cracked, Leaking Sanitary Piping								
Storm Drain Piping								
Cast Iron	100%	0-2	$13,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement. Backups During Heavy Rain								
Explanation : Backups In Basement And Kitchen During Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$800	
Backflow Preventer								
No Component	90%							
Generic	10%			2033	$1,700	1	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 376 - BK**		
Address	: **194 HARMAN STREET BTWN: WILSON AVE. - MYRTLE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K376**
Program / Asset #	: **BOE1000.000 / 4493**	**Yr Built/Renovated**	: **1995 /**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3287** **Lot** : **1**	**BIN**	: **3075074**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$81,100	$1,508,600
Interior Architecture	$51,300	
Electrical	$65,300	
Mechanical		$3,641,700
Total	**$197,800**	**$5,150,300**
Importance Code A	$81,100	$2,305,500
Importance Code B	$116,600	$2,844,800
Total	**$197,800**	**$5,150,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$60,800			
Interior Architecture	$77,900			$9,800
Electrical	$42,700	$18,900	$9,300	$7,700
Mechanical	$48,500	$44,000	$35,200	$15,600
Site Pavements	$10,900			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$248,700**	**$70,800**	**$52,400**	**$41,100**
Importance Code A	$64,500	$3,900	$3,700	$3,700
Importance Code B	$152,500	$66,900	$48,700	$37,400
Importance Code C	$31,700			
Total	**$248,700**	**$70,800**	**$52,400**	**$41,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%	4+	$81,100	LIFE	* *	5	$46,600	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Masonry: Granite	5%			LIFE	* *	5	$1,900	
Window Wall	2%	Now	$6,100	2050	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Main Entrance								
Windows								
Aluminum	100%	Now	$13,400	2038	* *	5	$2,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stairs								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$1,400	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Rail	20%	4+	$600	2043	* *	5	$2,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Railing Throughout								
Metal Security Bars	5%			2058	* *			
Pre-Cast Concrete	5%	2-4	$200	LIFE	* *	5	$600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Roof								
IRMA/Protected Membrane	7%	Now	$40,600	2030	$101,600			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Drains								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Auditorium								
IRMA/Protected Membrane	93%			2030	$1,349,900	10	$57,100	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$36,800	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement								
Ceramic Tile	5%			2039	* *	5	$5,600	
Quarry Tile	5%			2043	* *	5	$8,400	
Vinyl Tile	70%	0-2	$43,400	2035	* *	3	$29,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Wood	5%			2058	* *	5	$10,500	
Interior Walls								
Cast in Place Concrete	3%	Now	$28,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	3%			2039	* *	5	$7,400	
Concrete Masonry Unit	45%			LIFE	* *	5	$44,200	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	41%			LIFE	* *			
Wood	3%			LIFE	* *	5	$29,500	
Ceilings								
AcousTile,Adhered	5%	2-4	$51,300	2050	* *	5	$2,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
AcousTileConcealSpLn	20%			2043	* *	5	$26,500	
AcousTileSusp.Lay-In	45%			2043	* *	5	$47,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$19,900	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2050	* *			
Iron Picket	70%			2065	* *			
Masonry: Brick	5%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$10,900	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	85%			2039	* *			
Rubber Matting	15%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere And One 3,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2043	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 75 And One 1,000 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	30%			2043	* *	5	$200	
Motor Control Center	70%			2043	* *	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$23,100	
Generators								
Diesel	100%			2039	* *	1	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 350 Kilowatt								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$16,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$65,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Service	60%			2035	* *	1		
Exit, Service	40%			2035	* *	1		
Exterior Lighting								
HID	20%	Now	$35,000	2035	* *			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof And Perimeter								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$8,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion Only								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2035	* *	1-3	$18,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2028	$796,900	1	$37,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$3,300	2046	* *	4	$3,700	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Building Management Control System Down, Throughout								
Terminal Devices								
Air Handler	40%			2030	$564,600	1	$18,600	
Convector/Radiator	30%			2043	* *	1	$7,300	
Fan Coil Unit/Heat	30%			2035	* *	1	$7,300	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2030	$885,200	1	$27,800	
R-22 Refrigerant, Extent : Light, Area Affected : 80%								
Location : Air Conditioning Room And Basement								
Split Unit	5%			2030	$89,000			
Window/Wall Unit	5%			2025	$14,200	1		
No Component	10%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2050	* *	4	$3,000	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2030	$1,047,800	1	$37,100	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	80%			2030	$156,300	2	$41,800	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	30%			2035	* *	2	$700	
Roof	70%	Now	$2,000	2030	$101,900	2	$1,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 2 Motors On Roof								
Plumbing								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$19,300	2040	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Valves In Basement Boiler Room								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 900 Gallons In Two Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,000	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2030	$39,300	4	$3,000	
Backflow Preventer								
No Component	50%							
Generic	50%			2030	$16,700	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : For Fire Service								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$37,800	
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,100	
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 377 - BK**		
Address	: **200 WOODBINE STREET BTWN: CENTRAL AVE., WILSON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K377**
Program / Asset #	: **BOE0611.000 / 1237**	**Yr Built/Renovated**	: **1974 / 2002**
Area Sq Ft	: **105,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**		
Block	: **3360** **Lot** : **1**	**BIN**	: **3076784**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$436,700	$186,700
Interior Architecture	$486,200	$51,100
Electrical	$94,400	$2,069,900
Mechanical	$1,339,600	$1,795,800
Total	**$2,356,800**	**$4,103,600**
Importance Code A	$436,700	$232,900
Importance Code B	$1,736,300	$3,870,600
Importance Code C	$183,900	
Total	**$2,356,800**	**$4,103,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,800	$500	$33,000	
Interior Architecture	$115,100			$11,700
Electrical	$91,100	$19,400	$5,800	$6,300
Mechanical	$134,200	$42,900	$30,200	$27,200
Site Enclosure	$12,400			
Site Pavements	$58,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$419,700**	**$66,800**	**$72,900**	**$49,200**
Importance Code A	$23,100	$11,100	$43,400	$10,400
Importance Code B	$291,900	$55,600	$29,500	$38,800
Importance Code C	$104,700			
Total	**$419,700**	**$66,800**	**$72,900**	**$49,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	4+	$4,800	LIFE	* *	5	$19,900	
Spalling, Extent : Light, Area Affected : 5%								
Location : West Facade								
Masonry: Brick Cavity	95%			LIFE	* *	5	$75,600	
Windows								
Aluminum	95%			2046	* *	5	$66,000	
Metal Louvers	5%			2039	* *	10	$21,700	
Parapets								
Cast in Place Concrete	80%			LIFE	* *	5	$111,100	
Masonry: Brick Cavity	15%			LIFE	* *	5	$2,000	
Metal Panel	2%			2050	* *	5	$1,000	
Pre-Cast Concrete	3%			LIFE	* *	5	$2,500	
Roof								
Metal Panel	5%			2043	* *	10	$9,600	
Modified Bitumen	95%	Now	$436,700	2035	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout Upper And Lower Roofs								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout Upper And Lower Roofs								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$4,600	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$51,100	
Ceramic Tile	5%	Now	$22,000	2039	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Quarry Tile	5%	2-4	$11,500	2043	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Slate	10%			LIFE	* *	5	$16,600	
Vinyl Tile	60%	Now	$51,600	2035	* *	3	$35,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridors, Classrooms And Elevator								
Wood	5%			2058	* *	5	$14,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$32,300	2039	* *	5	$5,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Concrete Masonry Unit	10%	Now	$44,200	LIFE	* *	5	$9,400	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Masonry: Brick	5%			LIFE	* *			
Plaster	50%	Now	$57,200	LIFE	* *	5	$35,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classrooms 209, 309, 113 And Throughout								
SGFT/Glazed Masonry	30%	Now	$126,700	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Corridor And Gymnasium								
Ceilings								
AcousTile,Adhered	50%	Now	$250,700	2050	* *	5	$38,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : 1st And 2nd Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Exposed Struc: Concrete	30%			LIFE	* *	5	$7,300	
Gypsum Board	5%			LIFE	* *	5	$9,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Library								
Metal Panel	5%	2-4	$5,200	LIFE	* *	5	$9,700	
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$9,700	
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$6,500	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Iron Picket	25%	Now	$5,900	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$42,300	2043	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Along Wilson Avenue Patch								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Along Wilson Avenue								
Explanation : Asphalt Patching								
On-Site Walkways								
Cast in Place Concrete	95%			2043	* *			
Masonry: Granite	5%	4+	$7,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Exits Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$8,400	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Dumpster								
Activity Yard								
Asphalt	90%			2039	* *			
Rubber Matting	10%			2030	$17,200			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2030	$46,300	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2050	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$234,100	5	$400	
Fused Disc Sw	10%			2050	* *	5		
Raceway								
Conduit	95%			2030	$231,500	1		
Conduit	5%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Fused Knife Sw	1%	2-4	$2,400	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	79%	Now	$18,900	2038	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Library And First Floor								
Explanation : Panel 2 - B Is Overloaded And Has Nuisance Tripping Of Circuit Breakers. Emergency Lighting Panel L L 1641								
Molded Case Bkrs	10%			2046	* *	5	$300	
Wiring								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	90%			2030	$307,700	1		
Motor Controllers								
Locally Mounted	30%			2028	$54,400	5	$200	
Motor Control Center	70%			2028	$508,900	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$94,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%	Now	$500	2035	* *			
Malfunctioning, Extent : Moderate, Area Affected : 33%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$12,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Electric Service Room								
Explanation : Out Of Service Central Battery System Was Abandoned In Place								
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%	Now	$49,000	2030	$489,900			
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Roof Parapet								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : Air Terminals On Chimney Cap With Downleads Into Chimney Masonry								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2030	$197,100	1	$39,200	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$16,300	2038	* *	1-3	$17,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Explanation : Trouble Signal Visible On Fire Alarm Control Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$18,300	2035	* *	1	$93,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Opacity Monitor								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$16,800	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : 1 Of 2 Vacuum Pumps In Basement								
Terminal Devices								
Air Handler	20%			2030	$395,200	1	$13,000	
Convector/Radiator	60%			2035	* *	1	$20,400	
Fan Coil Unit/Heat	20%	Now	$26,000	2030	$520,700	1	$6,100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Unit Ventilators Located On 1st Floor Only.								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	30%			2026	$642,300	1	$34,100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Split Unit	2%			2030	$49,900			
Window/Wall Unit	68%			2025	$270,500	1		
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2030	$50,900	4	$1,600	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	$611,200	1	$19,500	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2025	$144,600	2	$21,900	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$35,100	
No Component	40%							
Exhaust Fans								
Interior	30%			2025	$139,700	2	$1,000	
Roof	70%	Now	$14,300	2025	$142,600	2	$1,800	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2040	* *	1		
Galvanized Steel	10%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$1,700	2024	$17,100	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Faulty Pilot In Basement.								
Sanitary Piping								
Cast Iron	100%	Now	$26,500	LIFE	* *	1		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Grease Trap Leaks In Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$21,000	4	$2,200	
Backflow Preventer								
Generic	100%	4+	$2,300	2030	$46,900	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Services. Rusting Beginning At Valve Rig.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit. No Ventilation In Elevator Machine Room.								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$52,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2030	$217,800	1-2	$4,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 380 - BK**		
Address	: **370 MARCY AVENUE BTWN: LYNCH ST. - MIDDLETON ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K380**
Program / Asset #	: **BOE0612.000 / 1238**	**Yr Built/Renovated**	: **1981 / 2015**
Area Sq Ft	: **158,606**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2236** **Lot** : **9**	**BIN**	: **3061235**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$784,000	$770,600
Interior Architecture	$117,900	$4,570,800
Electrical	$645,800	$1,370,500
Mechanical	$947,500	$4,810,200
Site Pavements	$79,200	
Total	**$2,574,300**	**$11,522,100**
Importance Code A	$784,000	$2,204,400
Importance Code B	$1,731,800	$9,317,600
Importance Code C	$58,600	
Total	**$2,574,300**	**$11,522,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,000			
Interior Architecture	$177,400	$20,200	$3,600	$2,400
Electrical	$6,600	$6,500	$25,900	$5,300
Mechanical	$60,800	$45,200	$114,700	$35,400
Site Pavements	$29,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$312,400**	**$75,800**	**$148,200**	**$47,000**
Importance Code A	$49,700	$15,700	$16,000	$15,700
Importance Code B	$226,300	$60,100	$132,100	$31,300
Importance Code C	$36,300			
Total	**$312,400**	**$75,800**	**$148,200**	**$47,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	$552,600	LIFE	* *	5	$126,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Bulkheads And Other Areas On Exterior								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : Lower Part Of Exterior Walls								
Pre-Cast Concrete	5%			LIFE	* *	5	$21,700	
Windows								
Aluminum	98%	Now	$135,400	2039	* *	5	$14,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Corridor Windows								
Metal Louvers	2%			2034	* *	10	$3,600	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$76,300	
Masonry: Brick Cavity	40%			LIFE	* *	5	$7,400	
Metal Rail	15%			2044	* *	5-10	$50,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$5,800	
Roof								
IRMA/Protected Membrane	20%			2031	$567,400	10	$24,000	
Modified Bitumen	80%			2036	* *	10	$95,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$17,100	
Interior								
Floors								
Carpet	2%	Now	$84,000	2033	$84,000	3	$7,100	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Library								
Cast in Place Concrete	10%	Now	$40,400	LIFE	* *	5	$51,900	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Basement, Boiler Room								
Ceramic Tile	5%			2034	* *	5	$11,900	
Quarry Tile	2%			2036	* *	5	$7,100	
Terrazzo	3%	4+	$13,300	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Minor Crack At Lobby And 1st Floor Corridor								
Vinyl Tile	68%			2031	$4,459,500	3	$60,500	
Wood	10%			2059	* *	5	$44,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,700	
Folding Partition	5%			2039	* *	5	$23,100	
Metal Panel	10%			LIFE	* *			
Plaster	65%	0-2	$58,600	LIFE	* *	5	$36,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2036	* *	5	$29,700	
AcousTileConcealSpLn	30%			2036	* *	5	$89,000	
Exposed Struc: Concrete	48%			LIFE	* *	5	$17,800	
Gypsum Board	10%			LIFE	* *	5	$29,700	
Metal Panel	2%			LIFE	* *	5	$5,900	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$79,200	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$17,700	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Northwest Side Of Site								
Parking/Driveway								
Asphalt	80%	2-4	$5,200	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Lot								
Cast in Place Concrete	20%	0-2	$1,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Driveway								
Activity Yard								
Asphalt	10%	2-4	$4,800	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Play Structure								
Pavers/Stone	90%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Electrical / System / Component / Type	% of Total	Current Repair: Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes								
Transformers								
Dry Type	100%			2048	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Room B37								
Explanation : One 112.5 Kilovolt Ampere Transformer								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$292,600	5	$700	
Raceway								
Conduit	50%			2031	$144,400	1		
Conduit	50%			2051	* *	1		
Panelboards								
Fused Disc Sw	15%			2030	$44,900	5	$500	
Molded Case Bkrs	85%			2030	$254,500	5	$3,600	
Wiring								
Thermoplastic	20%			2031	$79,900	1		
Thermoplastic	80%			2051	* *	1		
Motor Controllers								
Locally Mounted	60%			2029	$108,900	5	$600	
Motor Control Center	40%			2029	$290,800	5	$1,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$130,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2036	* *	10	$100	
Incandescent	8%			2026	$351,500	2	$300	
Egress Lighting								
Emergency, Service	10%			2036	* *	1		
Emergency, Battery	40%			2036	* *	10	$15,300	
Exit, Battery	50%			2036	* *	10	$5,400	
Exterior Lighting								
HID	20%	Now	$74,000	2031	$148,000			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$89,300	1	$17,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2039	* *	1-3	$30,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$49,100	
Conversion Equipment								
Steam Boiler	100%			2029	$1,382,400	1	$157,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boiler Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2057	* *	4	$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : Float And Thermostatic Traps, Terminal Unit Thermostatic Traps Installed 2018								
Terminal Devices								
Air Handler	20%			2026	$596,900	1	$19,600	
Convector/Radiator	50%			2036	* *	1	$25,600	
Fan Coil Unit/Heat	30%	Now	$23,600	2031	$1,179,700	1	$13,800	
Malfunctioning, Extent : Severe, Area Affected : 15%								
Location : Various Locations On The 1st Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2029	$258,400	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100% *Location : Basement*								
Reciprocating Compr/Chiller	30%			2031	$702,000	1	$22,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100% *Location : Penthouse*								
Window/Wall Unit	40%			2026	$240,300	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2041	* *	4	$3,500	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2031	$738,600	1	$29,400	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2026	$110,200	2	$33,100	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,400	
Exhaust Fans								
Interior	40%			2031	$281,400	2	$1,900	
Roof	60%			2031	$184,700	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$23,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$5,000	
Sewage Ejector(s)								
Electric	100%			2031	$83,000	4	$6,300	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$80,000	
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$8,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 384 - BK**		
Address	: **242 COOPER STREET BTWN: WILSON AVE., KNICKERBOCKER**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K384**
Program / Asset #	: **BOE0614.000 / 1239**	**Yr Built/Renovated**	: **1975 / 2001**
Area Sq Ft	: **111,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **3442** **Lot** : **1**	**BIN**	: **3080043**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$438,600	
Interior Architecture	$761,400	$2,506,500
Electrical	$548,000	$713,000
Mechanical	$105,100	$1,355,400
Site Pavements		$1,507,200
Total	**$1,853,200**	**$6,082,100**
Importance Code A	$438,600	
Importance Code B	$1,197,000	$5,823,000
Importance Code C	$217,600	$259,100
Total	**$1,853,200**	**$6,082,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,400			
Interior Architecture	$73,900		$4,100	$11,300
Electrical	$21,700	$8,700	$7,400	$6,700
Mechanical	$179,300	$73,500	$26,700	$26,000
Site Enclosure	$21,900			
Site Pavements	$90,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$401,700**	**$86,200**	**$42,200**	**$48,000**
Importance Code A	$21,400	$11,200	$11,000	$11,000
Importance Code B	$314,700	$74,900	$31,200	$37,000
Importance Code C	$65,700			
Total	**$401,700**	**$86,200**	**$42,200**	**$48,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$81,000	LIFE	* *	5	$49,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Stair 1 And 3								
Metal Panel	5%	0-2	$3,800	2050	* *	5	$5,400	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Stucco Cement	10%	2-4	$6,600	2043	* *	5	$7,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$95,700	2046	* *	5	$10,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%			2039	* *	10	$6,600	
Parapets								
Masonry: Brick	60%	0-2	$120,200	LIFE	* *	5	$9,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Parge Coat Has Light Cracks								
Metal: Cage/Fence	25%			2043	* *	5-10	$30,600	
No Component	15%							
Roof								
Built-Up (BUR)	100%			2035	* *	10	$141,600	
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Roof At Patches								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,100	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Boiler And Mechanical Room								
Ceramic Tile	3%	Now	$5,600	2039	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Quarry Tile	2%	Now	$4,900	2043	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	55%	Now	$250,700	2030	$2,506,500	3	$34,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Corridors								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Corridors								
Vinyl Tile	20%			2035	* *	3	$12,400	
Wood	10%			2058	* *	5	$30,900	
Interior Walls								
Cast in Place Concrete	5%	Now	$65,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Concrete Masonry Unit	8%			LIFE	* *	5	$5,500	
Folding Partition	3%	0-2	$14,400	2038	* *	5	$6,500	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Gymnasium And Auditorium								
Masonry: Brick	5%			LIFE	* *			
Metal Panel	7%	Now	$12,500	LIFE	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms								
Plaster	72%	Now	$151,700	LIFE	* *	5	$37,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stairs 1 And 3								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stairs 1 And 3								

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DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	35%	Now	$168,200	LIFE	* *	5	$8,800	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Basement Under Courtyard								
Fiber Board	50%	Now	$125,000	2035	* *			
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Corridors Throughout								
Explanation : Sagging Panels And Grid System								
Plaster	15%	Now	$36,600	LIFE	* *	5	$15,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Various Classrooms And Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms And Bulkheads								
Site Enclosure								
Fence/Gates								
Chain Link	60%	Now	$12,700	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : East Side Gate								
Iron Picket	40%	0-2	$9,200	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$24,300	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 2%								
Location : Along Moffat Street								
On-Site Walkways								
Cast in Place Concrete	90%	4+	$11,700	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	10%	0-2	$5,200	2033	$259,100			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%	2-4	$47,500	2033	$949,000			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Athletic Yard								
Cast in Place Concrete	5%	2-4	$2,000	2043	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : North Play Yard								
Rubber Matting	20%			2030	$299,100			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 2,500 Ampere, Emergency Lighting Switch Size 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$500	
Raceway								
Conduit	100%			2030	$243,700	1		
Panelboards								
Fused Disc Sw	20%			2029	$47,900	5	$500	
Molded Case Bkrs	30%			2029	$71,800	5	$900	
Molded Case Bkrs	50%			2046	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%	0-2	$72,600	2047	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Mechanical Room, Penthouse								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2040	* *	10	$95,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Building								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 90%								
Location : Throughout The Building								
Incandescent	5%			2025	$153,800	2	$100	
LED	1%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Fan Room								
Explanation : Central Batteries For Original Emergency Lighting System Is Abandoned.								
Exit, Service	50%	2-4	$14,400	2040	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Exterior Lighting								
HID	100%	0-2	$207,200	2038	* *			
Damaged Fixtures, Extent : Moderate, Area Affected : 25%								
Location : North Soffit And East Wall								
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 75%								
Location : East Wall, South Wall, West Parapet								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Single Air Terminal Lightning Preventor System Installed								
Alarm								
Security System								
Generic	20%			2030	$41,700	1	$8,300	
Generic	80%			2035	* *	1	$33,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building Exterior								
Explanation : CCTV System								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$114,500	1-3	$27,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2056	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Gas Booster In Basement								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$109,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$44,400	2040	* *			
Steam Traps Faulty, Extent : Severe, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Air Handler	30%			2030	$626,700	1	$20,600	
Convector/Radiator	70%			2035	* *	1	$25,100	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2030	$245,600	1	$7,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Window/Wall Unit	25%			2025	$105,100	1		
No Component	60%							
Distribution								
CW & CHW Wtr Pipe/Pump	15%			2040	* *	4	$1,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Mechanical Room								
Explanation : Chilled Water Pumps								
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2030	$129,200	1	$10,300	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2025	$19,300	2	$11,600	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%	Now	$39,000	LIFE	* *	2-5	$24,800	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium Diffusers								
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%	Now	$49,200	2030	$246,100	2	$1,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Roof	50%	Now	$10,800	2030	$107,700	2	$1,400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2040	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Water Booster Pump Set								
Galvanized Steel	25%	4+	$7,100	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Cold Water Service Valves In Basement								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$7,800	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 2%								
Location : Pipe Cracked Next To Boiler Room Entrance And Crawl Space In Basement.								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,300	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$4,400	
Backflow Preventer								
Generic	100%			2030	$49,600	1	$6,800	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Severe, Area Affected : 20%								
Location : Various Lavatories								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit. No Ventilation In Equipment Room								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$56,000	
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)**		
Address	: **35 SNYDER AVENUE BTWN: FLATBUSH AVE., BEDFORD AV**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K877**
Program / Asset #	: **BOE0617.010 / 1243**	**Yr Built/Renovated**	: **1875 / 2001**
Area Sq Ft	: **18,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Jun-2019**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Floors 1,2,3**		
Block	: **5103** **Lot** : **93**	**BIN**	: **3338996**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$530,600	
Interior Architecture	$97,900	
Electrical		$92,000
Mechanical	$59,700	
Site Pavements		$114,900
Total	**$688,200**	**$206,900**
Importance Code A	$530,600	
Importance Code B	$157,600	$92,000
Importance Code C		$114,900
Total	**$688,200**	**$206,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$28,500	$1,700		
Interior Architecture	$15,100		$1,500	$1,300
Electrical	$6,300	$1,800	$2,000	$1,700
Mechanical	$41,000	$20,200	$2,000	$1,500
Site Enclosure	$5,600			
Site Pavements	$35,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$136,400**	**$27,600**	**$9,400**	**$8,400**
Importance Code A	$29,400	$2,600	$900	$900
Importance Code B	$94,800	$25,000	$8,600	$7,600
Importance Code C	$12,100			
Total	**$136,400**	**$27,600**	**$9,400**	**$8,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)
Asset # : 1243

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	78%	Now	$449,900	LIFE	* *	5	$34,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : West Wall								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : South Facade Rear Building								
Masonry: Granite	10%			LIFE	* *	5	$3,300	
Masonry: Limestone	10%	0-2	$28,500	LIFE	* *	5	$3,300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%			2050	* *	5-10	$6,100	
Windows								
Wood	100%	Now	$80,700	2055	* *	5	$15,300	
Air Infiltration, Extent : Severe, Area Affected : 85%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 2%								
Location : First Floor								
Roof								
Slate	85%			LIFE	* *			
Not Accessible	15%							
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,900	
Ceramic Tile	5%	Now	$4,200	2039	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Second Floor Toilet								
Vinyl Tile	40%	Now	$97,900	2040	* *	3	$4,000	
Adhesion Failure, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : First Floor Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	45%			2035	* *	3	$4,500	
Wood	5%			2058	* *	5	$2,500	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$1,200	
Gypsum Board	95%			LIFE	* *	5	$14,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)
Asset # : 1243

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Gypsum Board	100%	2-4	$10,300	LIFE	* *	5	$33,700	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2050	* *			
Iron Picket	15%			2050	* *			
Retaining Walls								
Masonry: Fieldstone	100%	0-2	$5,600	2040	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : East Stair Landing								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$6,200	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	60%			2035	* *			
Pavers/Stone	40%	Now	$11,500	2033	$114,900			
Caulking Deteriorated, Extent : Moderate, Area Affected : 80%								
Location : South Stairs								
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			
Activity Yard								
Asphalt	85%	2-4	$18,300	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	15%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$100	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Molded Case Bkrs	90%			2038	* *	5	$400	
Molded Case Bkrs	10%			2029	$4,400	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)
Asset # : 1243

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
LED	100%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2030	$16,500	10	$2,200	
Exit, Battery	50%			2030	$14,000	10	$600	
Exterior Lighting								
HID	100%	Now	$4,600	2030	$92,000			
Damaged Fixtures, Extent : Moderate, Area Affected : 5%								
Location : Building Perimeter And Play Yard								
Alarm								
Security System								
Generic	100%			2030	$37,000	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$11,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2035	* *	1	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Gas Fired Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2038	* *	4	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Only One Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)
Asset # : 1243

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	80%	2-4	$38,700	2035	* *	1	$4,200	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement, First Floor, Second Floor, Third Floor								
Explanation : End Of Life Span								
Unit Heater - Steam	20%			2030	$22,400	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2025	$59,700	1		
No Component	20%							
Ventilation								
Exhaust Fans								
Roof	100%			2035	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 40 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Broken Drain								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 397 - BK**		
Address	: **490 FENIMORE STREET BTWN: NEW YORK AVE., BROOKLYN AV**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K397**
Program / Asset #	: **BOE0618.000 / 1244**	**Yr Built/Renovated**	: **1975 /**
Area Sq Ft	: **32,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **4815** **Lot** : **20**	**BIN**	: **3107315**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$92,700	$53,200
Interior Architecture	$54,900	
Electrical	$612,000	$424,900
Mechanical		$1,356,600
Site Pavements		$276,600
Total	**$759,600**	**$2,111,400**
Importance Code A	$92,700	$53,200
Importance Code B	$666,900	$1,887,400
Importance Code C		$170,800
Total	**$759,600**	**$2,111,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,500	$29,800		
Interior Architecture	$28,300	$23,100	$3,300	$5,500
Electrical	$13,200	$56,200	$1,100	$900
Mechanical	$7,700	$16,300	$21,700	$6,200
Site Enclosure	$3,900			
Site Pavements	$5,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$66,100**	**$129,400**	**$30,000**	**$16,500**
Importance Code A	$6,700	$33,000	$3,200	$3,200
Importance Code B	$53,300	$96,300	$23,600	$13,300
Importance Code C	$6,100		$3,300	
Total	**$66,100**	**$129,400**	**$30,000**	**$16,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	$92,700	LIFE	* *	5	$53,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Side At 3rd Floor								
Pre-Cast Concrete	5%			LIFE	* *	5	$9,100	
Windows								
Aluminum	100%	Now	$3,500	2046	* *	5	$1,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Office On 1st Floor Screwed Closed								
Weather Strip Missing, Extent : Moderate, Area Affected : 5%								
Location : Office On 1st Floor, Trim And Insulation Broken								
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$4,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,400	
Roof								
Built-Up (BUR)	98%			2035	* *	10	$29,800	
Metal Panel	2%			2043	* *	10	$1,100	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$4,100	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$54,900	2045	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 15%								
Location : Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Toilets Throughout								
Vinyl Tile	90%	Now	$24,200	2035	* *	3	$16,400	
Adhesion Failure, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Kitchen And Classrooms Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Interior Walls								
Concrete Masonry Unit	80%			LIFE	* *	5	$16,800	
Folding Partition	5%			2046	* *	5	$6,500	
Gypsum Board	10%			LIFE	* *	5	$3,100	
Metal Panel	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	95%			2035	* *	5	$46,200	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%	Now	$2,700	2050	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Swinging Gates And Fence On East Side								
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Masonry: Brick	100%	Now	$1,200	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : North Side Of Building								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North Side Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Pavers/Stone	100%	2-4	$3,400	2033	$170,800			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entrance And East Side Yard								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Main Entrance And East Side Yard								
Activity Yard								
Asphalt	75%	2-4	$2,100	2033	$105,800			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Rear Play Yard								
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$22,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes, Evidence Of Water Instrusion From Con. Edison Service Ducts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$130,000	5	$100	
Raceway								
Conduit	100%			2030	$61,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%	0-2	$2,000	2038	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Molded Case Bkrs	85%			2029	$84,800	5	$700	
Molded Case Bkrs	10%	0-2	$10,000	2055	* *	5		
Aged Component, Extent : Moderate, Area Affected : 100%								
Location : Panel Compact Substation And Warming Pantry Panel								
Wiring								
Thermoplastic	100%			2030	$77,200	1		
Motor Controllers								
Locally Mounted	100%			2028	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	97%			2025	$462,700	10	$28,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	3%			2025	$26,600	2		
Egress Lighting								
Emergency, Battery	50%			2030	$26,900	10	$3,900	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement Electric Service Room								
Explanation : Obsolete Central Battery System								
Exit, Service	50%			2030	$6,900	1		
Exterior Lighting								
HID	100%			2025	$149,300	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$18,000	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors And Alarm Bells								

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DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$31,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Central Plant Steam Piping/Pmp	100%			2040	* *	4	$2,400	
Terminal Devices								
Air Handler	100%			2030	$602,200	1	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	$537,600	2	$2,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Package Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$41,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$17,800	
Exhaust Fans								
Roof	100%			2030	$62,100	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2030	$154,700	4	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Approximately 200 Gallon Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors								
Explanation : Floor Drains To High Over Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$6,400	4	$700	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Hydraulic Elevator								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$16,100	
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$1,800	
Chemical System								
No Component	98%							
Generic	2%			2028	$4,900	1-3	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 398 - BK (UDC)**		
Address	: **60 EAST 94 STREET BTWN: RUTLAND RD., EAST NEW YORK**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K398**
Program / Asset #	: **BOE0619.000 / 2615**	**Yr Built/Renovated**	: **1977 / 2011**
Area Sq Ft	: **106,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4595** **Lot** : **15**	**BIN**	: **3323072**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,003,300	$544,700
Interior Architecture	$299,100	$3,271,000
Electrical		$3,601,000
Mechanical	$2,749,000	$2,706,100
Site Pavements		$99,100
Total	**$4,051,500**	**$10,222,000**
Importance Code A	$1,183,900	$1,499,200
Importance Code B	$2,745,000	$8,722,900
Importance Code C	$122,600	
Total	**$4,051,500**	**$10,222,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,900	$60,900		
Interior Architecture	$144,900			$18,400
Electrical	$60,700	$28,200	$11,900	$9,900
Mechanical	$119,500	$45,100	$37,800	$29,300
Site Enclosure	$10,400			
Site Pavements	$22,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$388,300**	**$138,200**	**$53,600**	**$61,500**
Importance Code A	$26,900	$71,300	$10,300	$10,300
Importance Code B	$344,300	$66,800	$43,300	$51,300
Importance Code C	$17,100			
Total	**$388,300**	**$138,200**	**$53,600**	**$61,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	73%	Now	$241,900	LIFE	* *	5	$138,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkhead B								
Metal Panel	7%			2050	* *	5-10	$91,600	
Window Wall	20%			2050	* *	5	$142,700	
Windows								
Aluminum	100%	Now	$26,900	2046	* *	5	$2,800	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Double Height Classroom At North Elevation								
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$10,500	
Metal Panel	5%			2050	* *	5	$2,900	
Metal Rail	20%			2043	* *	5-10	$54,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,700	
Roof								
Built-Up (BUR)	20%			2030	$267,900	10	$23,000	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Main Roof								
IRMA/Protected Membrane	30%			2035	* *	10	$34,400	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Flat Sections Over Second Floor								
Modified Bitumen	50%	Now	$62,700	2025	$627,300			
Alligatoring, Extent : Moderate, Area Affected : 60%								
Location : Main Roof								
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Soffits								
Stucco Cement	100%			2035	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2024	$137,100	3	$15,500	
Cast in Place Concrete	10%			LIFE	* *	5	$33,900	
Ceramic Tile	5%			2039	* *	5	$7,800	
Quarry Tile	5%			2043	* *	5	$11,600	
Vinyl Tile	75%	Now	$64,300	2030	$3,212,900	3	$43,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Patching Evident, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria								
Interior Walls								
Cast in Place Concrete	10%	Now	$122,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Concrete Masonry Unit	75%			LIFE	* *	5	$48,400	
Gypsum Board	15%			LIFE	* *	5	$14,500	
Ceilings								
AcousTileConcealSpLn	45%	Now	$112,300	2035	* *	5	$43,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,400	
Gypsum Board	15%			LIFE	* *	5	$29,100	
Metal Panel	30%			LIFE	* *	5	$58,200	
Site Enclosure								
Fence/Gates								
Chain Link	15%			2040	* *			
Iron Picket	85%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$10,400	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Activity Yard North Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$17,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Ramp To Activity Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	80%			2039	* *			
Asphalt	15%	Now	$5,000	2033	$99,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Upper Level Activity Yard								
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated At 3,000 Amperes And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$260,100	5	$500	
Raceway								
Conduit	100%			2030	$243,700	1		
Panelboards								
Fused Disc Sw	29%			2029	$69,500	5	$700	
Fused Toggle Switch	1%			2029	$2,400	5		
Molded Case Bkrs	70%			2029	$167,600	5	$2,000	
Wiring								
Thermoplastic	100%			2030	$341,800	1		
Motor Controllers								
Locally Mounted	70%			2028	$127,000	5	$500	
Motor Control Center	30%			2028	$218,100	5	$900	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	69%			2030	$1,065,600	10	$65,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2030	$308,900	10	$19,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors And Lobby								
Fluorescent	1%			2030	$15,400	10	$1,000	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 1%								
Location : Boiler Room Area								
LED	10%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium, Stairs And 3rd Floor Classrooms								
Egress Lighting								
Emergency, Service	20%			2030	$12,800	1		
Emergency, Battery	30%			2030	$52,200	10	$7,500	
Exit, Service	40%			2025	$17,900	1		
Exit, Battery	10%			2030	$14,700	10	$700	
Exterior Lighting								
HID	100%	Now	$49,500	2030	$494,600			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Building Perimeter And Play Ground								
Alarm								
Security System								
Generic	50%			2035	* *	1	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior And Exterior Of Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2030	$99,500	1	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$65,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke And Heat Detectors, Horns, Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$32,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	2-4	$180,600	2028	$903,000	1	$92,300	
Cracked, Extent : Severe, Area Affected : 50%								
Location : Boiler No. 1 Shell In Basement								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Boiler No. 2 Tubes Leaking In Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%	Now	$9,100	2038	* *	4	$2,000	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Water Storage Tank And Pumps In Basement								
Steam Piping/Pump	60%	Now	$10,000	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In Boiler Room								
Terminal Devices								
Air Handler	70%	2-4	$27,300	2025	$1,364,800	1	$40,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Leaks In Room 340								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Explanation : See Terminal Devices Under Air Conditioning.								
Convector/Radiator	30%			2035	* *	1	$10,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	5%			2028	$81,900	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Rooms 250 And 260 Ceiling								
Reciprocating Compr/Chiller	75%	0-2	$57,300	2025	$1,146,300	1	$32,400	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 1 Compressor Not Working								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	75%			2040	* *	4	$5,700	
No Component	25%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	75%			2030	$1,206,200	1	$48,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Room								
Explanation : See Heating Terminal Unit								
No Component	25%							
Heat Rejection								
Dry Cooler	5%			2030	$19,000	2	$3,600	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$46,200	
No Component	20%							
Exhaust Fans								
Interior	100%			2030	$459,500	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$26,600	2040	* *	1		
Booster Pump w/Tank, Extent : Severe, Area Affected : 100%								
Location : Pumps Are Broken In Basement								
HW Heat Exchanger								
Steam Fired	100%	2-4	$25,000	2040	* *	4	$10,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Fire Resistant Material Insulation And Faulty Aquastat On Hot Water Storage Tank.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Replacement Is In Progress								
Sewage Ejector(s)								
Electric	100%			2030	$55,500	4	$4,200	
Backflow Preventer								
Generic	4%	0-2	$1,100	2030	$1,900	1	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Service Valve								
Generic	96%			2030	$44,400	1	$6,100	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit. 1 Cylinder Broken.								
Fire Suppression								
Standpipe								
Generic	100%	4+	$9,500	2040	* *	1-5	$36,800	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Service Valves In Basement								
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$7,300	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 399 - BK**		
Address	: **2707 ALBEMARLE ROAD @ROGERS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K399**
Program / Asset #	: **BOE0620.000 / 1245**	**Yr Built/Renovated**	: **1981 /**
Area Sq Ft	: **37,417**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5111** **Lot** : **1**	**BIN**	: **3117396**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$358,800	$896,200
Interior Architecture	$82,500	$1,038,100
Electrical	$145,000	$441,100
Mechanical	$1,317,700	$538,500
Total	**$1,903,900**	**$2,913,900**
Importance Code A	$358,800	$896,200
Importance Code B	$1,462,700	$2,017,700
Importance Code C	$82,500	
Total	**$1,903,900**	**$2,913,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$73,300	$600		$200
Interior Architecture	$51,500			$4,700
Electrical	$900	$1,000	$1,600	$103,700
Mechanical	$25,300	$8,400	$6,300	$19,800
Site Enclosure	$12,700			
Site Pavements	$18,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$185,900**	**$13,900**	**$11,900**	**$132,300**
Importance Code A	$73,300	$600		$300
Importance Code B	$83,300	$13,400	$11,900	$132,100
Importance Code C	$29,300			
Total	**$185,900**	**$13,900**	**$11,900**	**$132,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$12,000	
Masonry: Brick Cavity	85%	Now	$71,300	LIFE	* *	5	$40,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Window Heads And Sills. Upper Floors. During Bouts Of Driving Rain								
Metal Panel	10%	2-4	$6,400	2042	* *	5	$9,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Spandrel Panels All Facades								
Windows								
Aluminum	95%	Now	$287,500	2057	* *	5	$3,000	
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : All Windows. Lexan Panes								
Unit Inoperable, Extent : Moderate, Area Affected : 75%								
Location : Pivot Hinged Windows On Upper Floors								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Weather Strip Missing, Extent : Moderate, Area Affected : 25%								
Location : Windows Throughout								
Metal Louvers	5%	Now	$900	2035	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Vent								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,700	
Masonry: Brick Cavity	88%	0-2	$21,200	LIFE	* *	5	$4,200	
Weepholes Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Result Of Recent Repointing. Interior Parapet Wall								
Metal Panel	2%			2042	* *	5	$400	
Roof								
IRMA/Protected Membrane	100%	Now	$44,800	2032	$896,200			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Walls								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Soffits								
Stucco Cement	100%			2045	* *	5	$1,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$15,400	
Mosaic Tile	5%	Now	$11,000	2037	* *	5	$2,900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen And Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Bathrooms								
Vinyl Tile	80%	0-2	$20,800	2032	$1,038,100	3	$14,100	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 2nd And 3rd Floor Classrooms								
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *			
Ceramic Tile	3%	Now	$8,200	2035	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	72%			LIFE	* *	5	$28,600	
Folding Partition	2%	Now	$82,500	2040	* *	5	$2,500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Stage Unit Inoperable								
Gypsum Board	15%			LIFE	* *	5	$8,900	
Ceilings								
AcousTileSusp.Lay-In	80%	Now	$11,500	2045	* *	5	$17,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Various Panels Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Various Panels Throughout								
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Component Consists Of Concrete Metal Decking And Structural Beams								
Gypsum Board	10%			LIFE	* *	5	$5,400	
Site Enclosure								
Fence/Gates								
Chain Link	65%	Now	$10,300	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Concrete Curbing								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Fences At Play Yard								
Iron Picket	35%	Now	$2,400	2067	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Concrete Curbing								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$6,100	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corner Of Albemarle Road And Rogers Avenue								
On-Site Walkways								
Cast in Place Concrete	80%	Now	$2,600	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Ramp And Stair Landing In Side Yard								
Masonry: Granite	20%	Now	$5,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Entry Steps								
Activity Yard								
Rubber Matting	30%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Playground								
Explanation : Under Construction By Neighbor Developer								
Traffic Topping	70%	Now	$3,700	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Play Yard Surface								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$22,600	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$130,000	5	$200	
Raceway								
Conduit	100%			2032	$61,200	1		
Panelboards								
Fused Disc Sw	10%			2031	$10,000	5	$100	
Molded Case Bkrs	90%			2031	$89,800	5	$900	
Wiring								
Thermoplastic	100%			2032	$77,200	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	70%			2037	* *	10	$24,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	26%			2027	$145,000	10	$8,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2032	$11,200	10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
Incandescent	2%			2027	$20,700	2		
Egress Lighting								
Emergency, Battery	50%			2032	$31,400	10	$4,500	
Exit, Service	50%			2032	$8,100	1		
Exterior Lighting								
HID	20%			2027	$34,900	10		
LED	10%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$14,000	1	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$29,000	1-3	$6,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Cafeteria								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2042	* *	5	$11,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : 2 Steam Boilers Replacemnt Is Under Way								
Distribution								
Steam Piping/Pump	100%			2032	$299,600			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Replacemnt Of 2 Boilers Including Related Piping/pump Is Going On								
Terminal Devices								
Air Handler	90%			2027	$633,700	1	$20,800	
Fan Coil Unit/Heat	10%			2027	$92,800	1	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	100%	0-2	$20,500	2027	$410,300	2	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Roof. Unit No. 2,3,4 Are Not Working Properly								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Package Units								
Heat Rejection								
Air Cooled Condenser Unit	100%			2027	$108,300	2	$26,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,900	
Exhaust Fans								
Roof	100%			2027	$72,600	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2042	* *	1		
Galvanized Steel	50%			2030	$238,800	1		
Water Heater With Tanks								
Under Construction	100%							
HW Heat Exchanger								
Under Construction	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2032	$7,500	4	$1,200	
Sewage Ejector(s)								
Electric	100%			2032	$19,600	4	$2,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	$19,600	
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 4 - BX**				
Address	: **1701 FULTON AVENUE @E. 173 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X004**
Program / Asset #	: **BOE0157.000 / 524**			**Yr Built/Renovated**	: **1897 / 2005**
Area Sq Ft	: **106,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **23-Feb-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **2930**	**Lot**	: **75**	**BIN**	: **2100071**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,284,500	$1,772,100
Interior Architecture	$1,747,100	$3,185,000
Electrical		$1,359,600
Mechanical	$2,191,800	$4,991,200
Site Enclosure	$82,400	
Site Pavements		$82,900
Total	**$6,305,800**	**$11,390,800**
Importance Code A	$2,376,900	$1,823,500
Importance Code B	$3,115,800	$9,512,500
Importance Code C	$813,100	$54,800
Total	**$6,305,800**	**$11,390,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,600			
Interior Architecture	$125,800		$18,600	$13,600
Electrical	$16,300	$9,900	$12,300	$11,200
Mechanical	$33,000	$15,900	$19,400	$14,800
Site Enclosure	$9,100			
Site Pavements	$43,000			
Total	**$252,900**	**$25,800**	**$50,300**	**$39,600**
Importance Code A	$25,600	$10,500	$10,500	$10,500
Importance Code B	$162,000	$15,300	$39,800	$29,100
Importance Code C	$65,200			
Total	**$252,900**	**$25,800**	**$50,300**	**$39,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	$299,700	
Masonry: Brick	68%	Now	$1,677,800	LIFE	* *	5	$101,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : North Facade Of 1917 Wing								
Masonry: Limestone	5%			LIFE	* *	5	$11,200	
Metal Panel	2%			2043	* *	5-10	$20,600	
Stucco Cement	5%			2038	* *	5	$18,700	
Windows								
Aluminum	100%	Now	$270,500	2041	* *	5	$14,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Windows Cannot Remain Open								
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$62,800	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : New Wing								
Explanation : Parged Surface								
Masonry: Brick	20%	Now	$132,800	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face Of 1917 Wing								
Pre-Cast Concrete	10%	Now	$10,700	LIFE	* *	5	$8,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 3%								
Location : Original Building								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Built-Up (BUR)	80%			2033	$1,228,300	10	$105,200	
Copper/Terne	3%			2048	* *	10	$9,900	
Copper/Terne	2%			2048	* *	10	$6,600	
Modified Bitumen	13%	Now	$9,300	2033	$186,900			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Sloped Roof								
Skylight, Metal/Glass	2%			2043	* *	10	$8,800	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$168,600	LIFE	* *	5	$43,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Pool And Boiler Room								
Ceramic Tile	10%	0-2	$55,900	2036	* *	5	$9,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Mosaic Tile	5%			2038	* *	5	$24,800	
Poured Epoxy/Resin	5%	0-2	$27,800	2028	$555,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Science Laboratory								
Quarry Tile	5%			2038	* *	5	$14,900	
Vinyl Tile	45%			2033	$2,463,600	3	$44,600	
Vinyl Tile	10%	Now	$547,500	2043	* *	3	$7,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	10%			2036	* *	5	$37,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$32,600	
Ceramic Tile	10%	Now	$574,000	2036	* *	5	$13,000	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Bathrooms								
Gypsum Board	10%			LIFE	* *	5-10	$44,300	
Masonry: Brick	5%			LIFE	* *	10	$3,900	
Plaster	5%	Now	$63,500	LIFE	* *	5	$3,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 60%								
Location : Upper Floors								
Water Penetration, Extent : Severe, Area Affected : 80%								
Location : Upper Floors								
Plaster	65%			LIFE	* *	5-10	$144,100	
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$24,800	
Plaster	85%			LIFE	* *	5-10	$289,500	
Plaster	5%	Now	$60,300	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Upper Floors								
Water Penetration, Extent : Moderate, Area Affected : 60%								
Location : Upper Floors								
Site Enclosure								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	30%			2043	* *			
Iron Picket	70%	4+	$82,400	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	20%			2053	* *			
Masonry: Fieldstone	80%	4+	$9,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 173rd Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$43,000	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Cast in Place Concrete	80%			2038	* *			
Rubber Matting	20%			2033	$82,900			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1,000 Ampere Fuse Main Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	1%			2032	$2,400	5		
Fused Toggle Switch	1%			2032	$2,400	5		
Molded Case Bkrs	8%			2041	* *	5	$200	
Molded Case Bkrs	90%			2032	$215,500	5	$2,500	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$700	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$82,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2028	$79,000	10	$4,900	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Pool Area And Locker Rooms								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$71,200	10	$10,200	
Exit, Battery	50%			2038	* *	10	$3,600	
Exterior Lighting								
HID	10%			2028	$49,500	10		
No Component	90%							
Alarm								
Security System								
Generic	50%			2033	$99,500	1	$19,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2033	$99,500	1	$19,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$65,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Oil Tanks Above Ground Capacity 5,000 Gallons Each, No.2 Oil.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$92,400	2038	* *	1	$94,500	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Boilers Have 12 Plugged Tubes And Corrosion								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units.								
Distribution								
Steam Piping/Pump	100%			2033	$848,800			
Terminal Devices								
Convector/Radiator	99%			2031	$858,100	1	$33,900	
Unit Heater - Steam	1%			2028	$6,000	4	$100	
Controls								
Pneumatic	100%			2027	$2,048,600			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Distribution Frame Room 306c								
Explanation : 1 Unit								
Window/Wall Unit	65%			2028	$261,000	1		
Window/Wall Unit	5%	Now	$20,100	2033	$20,100	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms								
No Component	25%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$17,200	
No Component	90%							
Dehumidifier								
No Component	90%							
Generic	10%			2031	$1,547,000			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Swimming Pool Area								
Explanation : 2 Units Control Humidity And At The Same Time Provide Cooling In Summer And Heating In Winter.								
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$14,000	
No Component	85%							

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2028	$47,000	2	$300	
Roof	5%			2033	$10,300	2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rooftop								
Explanation : 1 Unit For Science Laboratory								
Wall Unit	3%			2028	$1,400	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 3 Units								
No Component	82%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2033	$953,000	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : 5th Floor								
Explanation : Low Water Pressure On 5th Floor								
Galvanized Steel	30%			2031	$406,000	1		
Water Heater With Tanks								
Electric	25%			2028	$11,800	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit - 100 Gallons.								
No Component	75%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$21,200	4	$3,400	
Pool Filter/Treatment								
Sand	100%	Now	$50,800	2038	* *	4	$300	
Damaged, Extent : Light, Area Affected : 10%								
Location : Chlorine Must Be Added Manually								
Backflow Preventer								
Generic	100%			2033	$47,300	1	$6,500	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2028	$97,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units, 1 Unit Is For The Pool But Is Not In Use.								

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Hot Water Storage Tank								
Generic	100%			2033	$30,800	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 600 Gallon Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Sprinkler System Only In Basement								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 4 (P171 ECC) - BX ANNEX**		
Address	: **1717 FULTON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X171**
Program / Asset #	: **BOE1166.000 / 14912**	**Yr Built/Renovated**	:
Area Sq Ft	: **45,596**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4**		
Block	: **2930** **Lot** : **75**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$144,700	$989,800
Interior Architecture	$87,300	
Electrical		$882,900
Mechanical		$2,997,400
Site Pavements		$138,700
Total	**$232,100**	**$5,008,800**
Importance Code A	$144,700	$989,800
Importance Code B		$4,019,000
Importance Code C	$87,300	
Total	**$232,100**	**$5,008,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$38,000		$12,100	
Interior Architecture	$105,000		$23,000	$8,800
Electrical	$53,100	$7,400	$10,500	$8,300
Mechanical	$61,700	$70,200	$49,900	$41,400
Site Enclosure	$8,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$269,800**	**$81,600**	**$99,500**	**$62,500**
Importance Code A	$42,500	$4,500	$16,600	$4,500
Importance Code B	$190,200	$77,100	$82,900	$49,100
Importance Code C	$37,100			$8,800
Total	**$269,800**	**$81,600**	**$99,500**	**$62,500**

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DEPARTMENT OF EDUCATION - 040
P. S. 4 (P171 ECC) - BX ANNEX
Asset # : 14912

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%	2-4	$18,900	LIFE	* *	5	$11,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : At Entry On Fulton Avenue								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : These Are Actually Glazed Masonry Units								
Masonry: Brick Cavity	80%			LIFE	* *	5	$140,800	
Windows								
Aluminum	98%			2049	* *	5	$9,200	
Metal Louvers	2%			2042	* *	10	$1,200	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$13,600	LIFE	* *	5	$11,600	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$87,000	
Metal Rail	5%			2046	* *	5-10	$13,500	
Roof								
IRMA/Protected Membrane	5%	Now	$900	2033	$46,000			
Broken Paver Blocks, Extent : Severe, Area Affected : 2%								
Location : Main Roof By Exhaust Fan								
IRMA/Protected Membrane	95%			2033	$873,500	10	$36,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paver Blocks								
Soffits								
Stucco Cement	100%			2046	* *	5	$7,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,900	
Quarry Tile	5%			2046	* *	5	$5,100	
Terrazzo	25%			LIFE	* *	5	$26,700	
Vinyl Tile	60%			2038	* *	3	$15,400	
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$17,600	
Concrete Masonry Unit	15%			LIFE	* *	5	$21,200	
Gypsum Board	45%			LIFE	* *	5-10	$135,000	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$26,500	
Ceilings								
AcousTile,Adhered	25%			2038	* *	5	$17,100	
AcousTileSusp.Lay-In	45%			2046	* *	5	$30,700	
Exposed Struc: Steel	15%			LIFE	* *	10	$20,500	
Gypsum Board	10%			LIFE	* *	5-10	$23,500	
Metal Panel	5%			LIFE	* *	5	$8,500	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
P. S. 4 (P171 ECC) - BX ANNEX
Asset # : 14912

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	10%			2068	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : These Are Actually Precast Concrete Copings								
Concrete Masonry Unit	20%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : These Are Actually Glazed Masonry Units								
Masonry: Brick	70%			2053	* *			
Retaining Walls								
Cast in Place Concrete	60%			2068	* *			
Cast in Place Concrete	5%	Now	$8,000	2068	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : East 174th Street Side								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : These Are Actually Precast Concrete Copings								
Concrete Masonry Unit	20%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : These Are Actually Glazed Masonry Units								
Masonry: Brick	15%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Cast in Place Concrete	10%			2038	* *			
Rubber Matting	90%			2033	$138,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Three Main Service Switches One Rated At 1,200 Amperes And Two Rated At 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040
P. S. 4 (P171 ECC) - BX ANNEX
Asset # : 14912

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2038	* *	5	$300	
Variable Frequency Drive	10%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$14,000	
Generators								
Diesel	100%			2036	* *	1	$17,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : Rated At 156 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$1,700	
Fuel Storage								
Day Tank	50%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : Capacity 50 Gallons								
Main Tank	50%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Capacity 285 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2028	$679,700	10	$41,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2028	$14,000	1		
Exit, Battery	50%			2028	$32,300	10	$1,500	
Exterior Lighting								
HID	10%			2033	$21,300	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Operated Via Timer								
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 4 (P171 ECC) - BX ANNEX
Asset # : 14912

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$85,600	1	$17,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$117,600	1-3	$28,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$45,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	90%			2041	* *	4	$3,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Make Up Water Circulating Pump								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Steam Heat Exchanger								
Steam Piping/Pump	10%			2043	* *			
Terminal Devices								
Air Handler	100%			2033	$858,000	1	$28,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Heating And Cooling								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2036	* *	1	$44,400	
Split Unit	10%			2028	$108,300			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2043	* *	4	$2,200	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 4 (P171 ECC) - BX ANNEX
Asset # : 14912

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - 2 Pipe	100%			2033	$1,391,000	1	$14,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : Heating And Cooling								
Heat Rejection								
Dry Cooler	100%			2028	$209,200	2	$31,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,300	
Exhaust Fans								
Roof	95%			2033	$84,000	2	$1,300	
Roof	5%			2038	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 175 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$9,100	4	$1,400	
Sewage Ejector(s)								
Electric	100%			2033	$23,900	4	$2,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$23,000	
Sprinkler								
Generic	100%			2043	* *	1-2	$12,800	
Fire Pump								
Generic	100%	0-2	$2,200	2036	* *	1	$7,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Fire Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 4 (P171 ECC) - BX ANNEX
Asset # : 14912

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2031	$346,800	1-3	$316,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppresion 85 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 41 - BX**		
Address	: **3352 OLINVILLE AVENUE @ MAGENTA ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X041**
Program / Asset #	: **BOE0184.000 / 514**	**Yr Built/Renovated**	: **1905 / 2007**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4624** **Lot** : **15**	**BIN**	: **2056898**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$127,300
Interior Architecture	$897,100	$785,200
Electrical	$134,800	$286,100
Mechanical	$52,300	$539,500
Total	**$1,084,100**	**$1,738,100**
Importance Code A		$127,300
Importance Code B	$1,084,100	$1,610,800
Total	**$1,084,100**	**$1,738,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,900		$45,300	$18,100
Interior Architecture	$155,400		$18,600	$10,000
Electrical	$35,200	$2,300	$59,900	$2,600
Mechanical	$64,700	$15,600	$25,300	$11,200
Site Pavements	$21,300			
Total	**$293,500**	**$17,900**	**$149,000**	**$41,900**
Importance Code A	$47,900	$7,000	$52,300	$25,300
Importance Code B	$123,900	$10,800	$96,700	$16,600
Importance Code C	$121,800			
Total	**$293,500**	**$17,900**	**$149,000**	**$41,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$40,900	
Masonry: Brick	50%			LIFE	* *	5	$52,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 50%								
Location : Olinville Avenue								
Masonry: Brick Cavity	23%			LIFE	* *	5	$24,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 50%								
Location : Olinville Avenue								
Pre-Cast Concrete	22%			LIFE	* *	5	$74,900	
Windows								
Aluminum	100%			2047	* *	5	$36,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Windows								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$2,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$9,300	
Metal Panel	5%			2041	* *	5	$2,300	
Metal Rail	5%			2036	* *	5-10	$10,500	
Pre-Cast Concrete	5%	0-2	$2,400	LIFE	* *	5	$3,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Coping								
No Component	2%							
Roof								
Built-Up (BUR)	85%			2036	* *	10	$37,800	
Ponding, Extent : Light, Area Affected : 15%								
Location : Throughout								
Copper/Terne	5%			2059	* *	10	$5,600	
Modified Bitumen	10%	Now	$14,600	2036	* *			
Blisters, Extent : Severe, Area Affected : 25%								
Location : 1 Story Rear Addition								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,500	
Ceramic Tile	2%	Now	$51,700	2046	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairway Staff Toilets								
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : Stairway Toilets								
Ceramic Tile	3%			2044	* *	5	$3,400	
Poured Epoxy/Resin	5%			2029	$321,000			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Explanation : Epoxy Floor								
Sheet Vinyl/Rubber	5%			2031	$374,900	5	$8,600	
Terrazzo	5%	0-2	$10,700	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								
Vinyl Tile	25%	4+	$15,800	2036	* *	3	$10,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	45%	0-2	$455,100	2041	* *	3	$19,300	
Worn/Eroded, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Wood	5%			2059	* *	5	$10,700	
Interior Walls								
Ceramic Tile	7%	Now	$29,000	2034	* *	5	$5,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stair Corridors, Slop Sinks All Floors								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Glass: Single Pane	5%			LIFE	* *	5	$5,600	
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	64%	0-2	$46,800	LIFE	* *	5	$28,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 4th Floor, Throughout								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 4th Floor, Throughout								
SGFT/Glazed Masonry	17%	Now	$46,000	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : 4th Floor Corridor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$17,200	
AcousTileSusp.Lay-In	10%			2036	* *	5	$11,500	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,800	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	5%			2031	$89,400			
Metal Panel	2%			LIFE	* *	5	$2,900	
Plaster	56%	Now	$390,300	LIFE	* *	5	$40,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Staircases, Classrooms Near Windows, Nurse Office								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2041	* *			
Iron Picket	90%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$17,800	2044	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Olinville Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Cast in Place Concrete	95%			2044	* *			
Rubber Matting	5%	Now	$3,500	2041	* *			
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	50%			2031	$72,300	1		
Conduit	50%			2057	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$18,000	5	$200	
Molded Case Bkrs	20%			2030	$35,900	5	$400	
Molded Case Bkrs	30%			2047	* *	5	$600	
Molded Case Bkrs	40%			2053	* *	5	$700	
Wiring								
Braided Cloth	40%	2-4	$79,800	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Sections Of The Building								
Thermoplastic	10%			2041	* *	1		
Thermoplastic	50%			2057	* *	1		
Motor Controllers								
Locally Mounted	40%			2029	$47,800	5	$200	
Locally Mounted	30%			2048	* *	5	$100	
Motor Control Center	30%			2048	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$63,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Service	40%			2026	$17,500	1		
Emergency, Service	10%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$66,300	10		
HID	10%	Now	$33,100	2041	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Not Functional								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$40,000	1	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$54,900	1-3	$13,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Manual Pull Stations And Alarm Bells Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$30,900	2036	* *	1	$63,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Leaking At Various Areas								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Central Plant Steam Piping/Pmp	95%			2041	* *	4	$5,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	5%	0-2	$1,400	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Condensate Pump Leaking In Basement And Various Locations								
Terminal Devices								
Air Handler	5%	0-2	$6,700	2031	$66,800	1	$2,000	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Leaking Coil From Auditorium And Gymnasium Blower								
Air Handler	15%			2031	$200,400	1	$6,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	15%	0-2	$52,300	2051	* *	1	$3,100	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Throughout, Defective Temperature Controls								
Convector/Radiator	65%			2036	* *	1	$14,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2036	* *			
Window/Wall Unit	50%	Now	$13,400	2029	$134,500	1		
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : 20 Percent Of Wall Units Are Not Working Due To Mechanical And Or Electrical Defects								
No Component	45%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$49,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Various								
Explanation : For The Split Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Roof	100%			2031	$137,800	2	$2,200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$10,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$14,200	4	$1,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$2,000	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 42 - BX**		
Address	: **1537 WASHINGTON AVENUE @ CLAREMONT PARKWAY**		
Borough	: **BRONX**	**Agency's Number**	: **X042**
Program / Asset #	: **BOE0185.000 / 203**	**Yr Built/Renovated**	: **1906 / 2008**
Area Sq Ft	: **65,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2903** **Lot** : **23**	**BIN**	: **2009466**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$256,600	$62,300
Interior Architecture	$382,500	$1,960,700
Electrical	$192,400	$339,900
Mechanical	$986,200	
Total	**$1,817,600**	**$2,362,900**
Importance Code A	$313,200	$62,300
Importance Code B	$1,317,700	$2,300,600
Importance Code C	$186,700	
Total	**$1,817,600**	**$2,362,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,500	$8,100		$3,500
Interior Architecture	$62,000	$800	$2,400	$22,400
Electrical	$55,400	$1,400	$2,000	$65,100
Mechanical	$30,300	$11,200	$12,300	$47,100
Site Enclosure	$23,300			
Site Pavements	$44,600			
Total	**$249,100**	**$21,600**	**$16,600**	**$138,100**
Importance Code A	$36,700	$14,500	$6,400	$10,100
Importance Code B	$206,700	$7,100	$7,800	$128,000
Importance Code C	$5,800		$2,400	
Total	**$249,100**	**$21,600**	**$16,600**	**$138,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$41,100	
Copper/Terne	2%			2067	* *	10	$3,500	
Masonry: Brick	83%	4+	$256,600	LIFE	* *	5	$62,300	
Painted Surfaces, Extent : Moderate, Area Affected : 30%								
Location : Rear Of Building								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 411, 311, 412a, 312, 4th Floor, Building Corner On Claremont Parkway And Washington Avenue								
Masonry: Granite	3%			LIFE	* *	5	$1,700	
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	100%			2048	* *	5	$10,600	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$5,900	
Metal Rail	10%			2045	* *	5-10	$13,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,600	
Roof								
Modified Bitumen	100%	4+	$33,500	2040	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Classrooms								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,100	
Ceramic Tile	5%	4+	$15,600	2041	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms								
Quarry Tile	1%			2045	* *	5	$1,700	
Vinyl Tile	64%	Now	$39,200	2032	$1,960,700	3	$26,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Rooms 409, 308								
Vinyl Tile 9" X 9"	20%	Now	$195,700	2042	* *	3	$8,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Various								
Wood	5%			2047	* *	5	$10,400	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$4,800	
Glass: Single Pane	3%			LIFE	* *	5	$2,200	
Masonry: Brick	10%	Now	$92,300	LIFE	* *			
Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
Location : Throughout Boiler Room								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Throughout Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Throughout Boiler Room								
Metal: Cage/Fence	2%			LIFE	* *			
Plaster	80%	Now	$94,400	LIFE	* *	5	$23,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Rooms 411, 412, 311, Stairwells								
Ceilings								
AcousTile,Adhered	10%	Now	$7,100	2037	* *	5	$5,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Cafeteria, Gymnasium								
AcousTileSusp.Lay-In	10%			2037	* *	5	$11,100	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,600	
Metal Panel	10%			LIFE	* *	5	$13,900	
Plaster	55%			LIFE	* *	5	$38,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 309, 311, 409, 411								
Site Enclosure								
Fence/Gates								
Chain Link	50%	4+	$2,500	2042	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Claremont Parkway								
Iron Picket	50%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%	4+	$800	2067	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Rear Yard								
Retaining Walls								
Cast in Place Concrete	90%	4+	$20,000	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Claremont Parkway								
Masonry: Brick	10%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$21,700	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	2-4	$2,400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Parking Area And At Drain								
Activity Yard								
Asphalt	85%	4+	$19,700	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Activity Yard								
Rubber Matting	15%	4+	$800	2037	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout Rubber Matting								
Explanation : Open Seams								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2052	* *	5	$1,700	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	2%			2048	* *	5		
Fused Disc Sw	8%			2031	$14,400	5	$100	
Fused Toggle Switch	1%	Now	$1,800	2057	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room Basement								
Molded Case Bkrs	10%			2048	* *	5	$200	
Molded Case Bkrs	79%			2031	$141,900	5	$1,400	
Wiring								
Braided Cloth	80%	2-4	$159,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2045	* *	5	$400	
Locally Mounted	20%			2030	$23,900	5	$100	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	30%			2027	$32,700	10	$4,700	
Emergency, Battery	20%	Now	$21,800	2042	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways 1st, 2nd, 3rd, 4th Floors And Basement								
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	10%	Now	$30,300	2042	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
LED	10%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$24,400	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Offices								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	$33,500	1-3	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Bell, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	50%			2045	* *	1	$32,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Steam Boiler	50%	0-2	$56,700	2037	* *	1	$29,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement. Boiler Room. Broken Boiler Tubes No. 2 Boiler								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$548,300	2042	* *	4	$3,200	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement. Leaking Condensate Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout, Defective Steam Trap								
Terminal Devices								
Air Handler	10%	Now	$12,200	2027	$122,300	1	$3,600	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Basement. Leaking Blower								
Convector/Radiator	90%			2037	* *	1	$18,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2037	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Computer Room								
Explanation : 1 Unit In Computer Room								
Window/Wall Unit	60%			2027	$147,700	1		
Window/Wall Unit	10%	Now	$1,200	2027	$24,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor. Two Air Conditioning Wall Units Are Not Working								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$21,700	
No Component	40%							
Exhaust Fans								
Interior	30%			2027	$86,500	2	$600	
Roof	30%	Now	$11,400	2027	$37,800	2	$500	
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : All Exhaust Fans Units Motor Burn Out On The Roof								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$3,900	
Backflow Preventer								
Generic	100%			2032	$29,000	1	$4,000	
Fixtures								
Generic	100%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 43 - BX**		
Address	: **165 BROWN PLACE BTWN: EAST 135 ST., EAST 136 S**		
Borough	: **BRONX**	**Agency's Number**	: **X043**
Program / Asset #	: **BOE0186.000 / 515**	**Yr Built/Renovated**	: **1906 / 2010**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2280** **Lot** : **40**	**BIN**	: **2000205**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$334,400	$295,300
Interior Architecture	$1,011,400	$75,500
Electrical		$1,594,200
Mechanical	$142,800	$1,481,200
Total	**$1,488,600**	**$3,446,300**
Importance Code A	$334,400	$295,300
Importance Code B	$995,800	$3,151,000
Importance Code C	$158,400	
Total	**$1,488,600**	**$3,446,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$79,700		$22,600	
Interior Architecture	$62,600		$2,400	$20,500
Electrical	$9,300	$9,100	$11,900	$9,100
Mechanical	$32,500	$4,800	$11,300	$8,600
Site Pavements	$37,200			
Total	**$221,200**	**$13,900**	**$48,200**	**$38,200**
Importance Code A	$79,700		$22,600	
Importance Code B	$83,800	$13,900	$25,600	$38,200
Importance Code C	$57,700			
Total	**$221,200**	**$13,900**	**$48,200**	**$38,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$241,200	
Masonry: Brick	75%			LIFE	* *	5	$231,600	
Sidewalk Shed in Use, Extent : Light, Area Affected : 25%								
Location : Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Through Brick Joints And Foundation Wall At 135th Street Into Basement								
Masonry: Limestone	10%			LIFE	* *	5	$23,200	
Stucco Cement	5%			2038	* *	5	$19,300	
Windows								
Aluminum	100%	4+	$42,800	2049	* *	5	$22,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Window Lintels								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$18,800	LIFE	* *	5	$16,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Main Roof								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping Stone Joints								
Masonry: Brick	75%	Now	$98,000	LIFE	* *	5	$15,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Rail	10%			2046	* *	5-10	$37,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$13,000	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$58,900	
Copper/Terne	5%			2061	* *	10	$7,700	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2029	$285,000	3	$32,200	
Cast in Place Concrete	10%	Now	$137,100	LIFE	* *	5	$35,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room								
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Basement Area								
Ceramic Tile	3%			2036	* *	5	$4,800	
Terrazzo	5%			LIFE	* *	5	$12,600	
Traffic Topping	5%	Now	$384,500	2043	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	62%	0-2	$55,200	2038	* *	3	$37,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Corridors								
Wood	5%	Now	$144,200	2048	* *	5	$7,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium Areas								
Interior Walls								
Ceramic Tile	10%	Now	$96,000	2036	* *	5	$8,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Stairwells. Teachers Toilet Rooms								
Glass: Single Pane	5%			LIFE	* *	5	$13,100	
Masonry: Brick	10%			LIFE	* *	10	$5,200	
Plaster	65%			LIFE	* *	5-10	$96,400	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$8,700	
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$16,100	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$20,100	
Metal Panel	5%			LIFE	* *	5	$20,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Plaster	75%			LIFE	* *	5-10	$207,700	
Site Enclosure								
Fence/Gates								
Chain Link	45%			2043	* *			
Iron Picket	55%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	65%			2038	* *			
Masonry: Granite	35%	Now	$37,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : At Entry Steps								
Activity Yard								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Knife Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	25%			2033	$50,400	1		
Conduit	75%			2053	* *	1		
Panelboards								
Molded Case Bkrs	20%			2049	* *	5	$500	
Molded Case Bkrs	80%			2041	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Under Construction	100%							
Ground								
Grounding Devices								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	85%			2033	$1,229,100	10	$75,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	15%			2038	* *			
Egress Lighting								
Emergency, Service	15%			2033	$9,000	1		
Emergency, Battery	35%			2033	$57,000	10	$8,200	
Exit, Service	50%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	10%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Timer								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							
Alarm								
Security System								
Generic	100%			2033	$182,100	1	$36,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System.								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$59,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Horns, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Behind The Building								
Explanation : 2 New Boilers Under Construction. Temporary Boiler Being Used								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : New Steam Traps								
Terminal Devices								
Air Handler	10%			2028	$182,500	1	$6,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	90%	0-2	$142,800	2031	$713,900	1	$25,400	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2028	$275,600	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,600	
Exhaust Fans								
Interior	50%			2028	$215,100	2	$1,500	
Roof	50%			2033	$94,100	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Under Construction	100%							
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$9,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$19,400	4	$3,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$26,800	1-2	$500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 43 - Q ANNEX**		
Address	: **12 MARVIN STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q907**
Program / Asset #	: **BOE1048.000 / 14261**	**Yr Built/Renovated**	: **2005 /**
Area Sq Ft	: **10,694**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **15819** **Lot** : **148**	**BIN**	: **4531136**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$168,600
Electrical		$159,400
Mechanical		$179,700
Total		**$507,700**
Importance Code A		$168,600
Importance Code B		$339,100
Total		**$507,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$2,900		$23,200
Interior Architecture		$1,800	$1,300	$8,000
Electrical	$1,000	$1,200	$1,100	$1,100
Mechanical	$1,100	$700	$2,000	$700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$6,100**	**$10,500**	**$8,300**	**$36,900**
Importance Code A	$500	$3,400	$500	$23,700
Importance Code B	$5,600	$7,100	$6,900	$13,200
Importance Code C			$900	
Total	**$6,100**	**$10,500**	**$8,300**	**$36,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - Q ANNEX

Asset # : 14261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	$4,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$7,300	
Stucco Cement	70%			2037	* *	5	$39,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Facade Walls								
Explanation : This Component Actually Insulated Pre-fab Panels								
Windows								
Aluminum	100%			2040	* *	5	$5,700	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$2,000	
Metal Panel	45%			2052	* *	5	$7,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	95%			2032	$168,600	10	$14,400	
Skylight, Metal/Glass	5%			2042	* *	10	$2,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,800	
Ceramic Tile	5%			2041	* *	5	$800	
Vinyl Tile	90%			2037	* *	3	$5,400	
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$1,900	
Gypsum Board	95%			LIFE	* *	5	$21,500	
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	$16,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 200 Amperes								
Raceway								
Conduit	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q ANNEX
Asset # : 14261

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	20%			2040	* *	5	$100	
Molded Case Bkrs	80%			2040	* *	5	$200	
Wiring								
Thermoplastic	100%			2042	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$3,300	
Generators								
Natural Gas	100%			2041	* *	1	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Cummins Brand, Installed In Steel Platform								
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$159,400	10	$9,800	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2032	$9,000	10	$1,300	
Exit, Service	50%			2032	$2,300	1		
Exterior Lighting								
Fluorescent	30%			2032	$12,800	10	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Compact Fluorescent Light Fixtures								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$6,000	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$8,300	1-3	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights And Horns. Monitoring Company Is Statewide Fire Corporation, Mr-2900 Fire Alarm Control Panel Secutron By Mircom.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - Q ANNEX

Asset # : 14261

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2032	$33,300	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Exterior Package Units For Heating And Cooling								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2032	$179,700	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	
Exhaust Fans								
Roof	100%			2032	$20,800	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

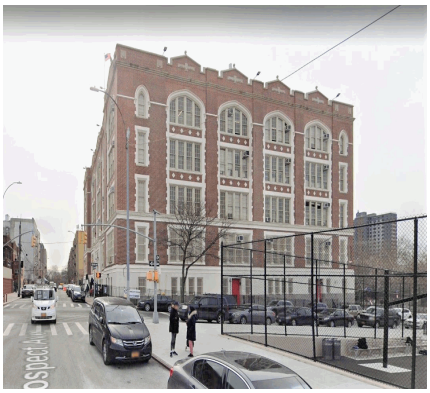
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 44 - BX**
Address : **1825 PROSPECT AVENUE @E. 176 STREET**
Borough : **BRONX**
Agency's Number : **X044**
Program / Asset # : **BOE0187.000 / 516**
Yr Built/Renovated : **1911 / 2001**
Area Sq Ft : **76,560**
Project Type : **EDUCATION**
Date of Survey : **14-Feb-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **2949** **Lot** : **64**
BIN : **2009957**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$481,700	$571,300
Interior Architecture	$1,244,000	$6,128,200
Electrical	$99,800	$545,200
Mechanical	$1,479,600	$2,405,800
Site Enclosure	$386,700	
Total	**$3,691,900**	**$9,650,600**
Importance Code A	$481,700	$571,300
Importance Code B	$2,477,400	$9,079,200
Importance Code C	$732,800	
Total	**$3,691,900**	**$9,650,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$80,000		$12,700	
Interior Architecture	$52,700		$2,900	$11,500
Electrical	$13,200	$7,100	$8,100	$8,600
Mechanical	$90,100	$10,900	$10,700	$10,100
Site Enclosure	$6,000			
Site Pavements	$32,600			
Total	**$274,600**	**$18,100**	**$34,400**	**$30,100**
Importance Code A	$87,600	$7,600	$20,300	$7,600
Importance Code B	$148,900	$10,500	$14,100	$22,600
Importance Code C	$38,100			
Total	**$274,600**	**$18,100**	**$34,400**	**$30,100**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,900	
Masonry: Brick	85%			LIFE	* *	5	$178,100	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$7,900	
Metal Panel	5%			2053	* *	5-10	$36,000	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Roof Stair Penthouse								
Windows								
Aluminum	99%	0-2	$341,700	2041	* *	5	$17,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	1%	Now	$14,500	2058	* *	5	$1,800	
Dry Rot/Decay, Extent : Moderate, Area Affected : 100%								
Location : Roof Stair Penthouse								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Roof Stair Penthouse								
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$59,600	
Metal Rail	10%			2046	* *	5-10	$21,000	
Pre-Cast Concrete	15%			LIFE	* *	5	$21,900	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	93%	2-4	$9,600	2033	$482,300			
Ponding, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	5%			2048	* *	10	$5,600	
Skylight, Metal/Glass	2%			2043	* *	10	$3,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$50,100	
Ceramic Tile	5%			2036	* *	5	$5,700	
Quarry Tile	5%			2038	* *	5	$8,600	
Vinyl Tile	50%	Now	$791,400	2038	* *	3	$21,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout And Room 412								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Loose Units, Extent : Light, Area Affected : 15%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%			2033	$6,067,400	3	$17,200	
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : First Floor And Basement								
Interior Walls								
Ceramic Tile	10%	4+	$16,600	2042	* *	5	$7,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Stairways								
Concrete Masonry Unit	5%			LIFE	* *	5	$6,000	
Masonry: Brick	5%	Now	$71,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Plaster	75%	Now	$274,500	LIFE	* *	5	$33,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 2%								
Location : Throughout And 4th Floor Girls Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Electrical Room And Kitchen Locker Room								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$3,800	
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$17,200	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Throughout								
Plaster	85%			LIFE	* *	5-10	$167,400	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Iron Picket	50%	2-4	$386,700	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$6,000	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Main Entry Stair								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$17,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 1%								
Location : East 176th Street								
On-Site Walkways								
Cast in Place Concrete	50%	Now	$1,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exit 7 Stair								
Pavers/Stone	50%	4+	$5,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Slate Entry Stairs								
Parking/Driveway								
Asphalt	100%	4+	$8,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : We Were Informed That Water Penetrates The Room In The Meter Area. Main Service Switch Is Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2053	* *	5	$300	
Fused Disc Sw	20%			2043	* *	5	$100	
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2041	* *	5	$400	
Molded Case Bkrs	50%			2041	* *	5	$1,000	
Molded Case Bkrs	30%			2041	* *	5	$600	
Wiring								
Braided Cloth	50%	2-4	$99,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$500	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$56,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	20%			2041	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout The Fourth Floor								
Egress Lighting								
Emergency, Battery	25%			2028	$32,100	10	$4,600	
Emergency, Battery	25%			2038	* *	10	$4,600	
Exit, Service	25%			2028	$8,300	1		
Exit, Service	25%			2033	$8,300	1		
Exterior Lighting								
HID	10%			2041	* *	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$143,700	1	$28,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$197,500	1-3	$48,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Above Ground. Capacity 7,500 Gallons								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$75,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	92%			2033	$564,000			
Steam Piping/Pump	8%	Now	$49,000	2063	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Explanation : Steam Condensate Return Pumping System Motor Defective. Quantity: 1								
Terminal Devices								
Convector/Radiator	95%			2031	$594,700	1	$23,500	
Unit Heater - Steam	5%			2028	$21,800	4	$500	
Controls								
Pneumatic	100%			2027	$1,479,600			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$90,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Distribution Frame Room 412a								
Explanation : 1 Unit								
Window/Wall Unit	60%			2028	$174,000	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$6,800	
No Component	90%							
Exhaust Fans								
Interior	10%	Now	$13,600	2033	$34,000	2	$200	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Toilet Exhaust								
Roof	20%			2033	$29,700	2	$500	
Roof	10%	Now	$14,900	2043	* *	2	$200	
Broken, Extent : Severe, Area Affected : 50%								
Location : Kitchen Exhaust Fan								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	$786,600	1		
Galvanized Steel	20%			2031	$195,500	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,300	4	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2028	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2033	$15,400	1		
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Basement							
	Explanation : 175 Gallons. Quantity 1							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$31,800	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 452 - M (FORMER P.S.191)**
Address : **210 WEST 61 STREET BTWN: AMSTERDAM AV., WEST END A**
Borough : **MANHATTAN** **Agency's Number** : **M191**
Program / Asset # : **BOE0114.000 / 1636** **Yr Built/Renovated** : **1956 / 2014**
Area Sq Ft : **75,000** **Project Type** : **EDUCATION**
Date of Survey : **24-Oct-2018** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2,3**
Block : **1152** **Lot** : **29** **BIN** : **1030320**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$301,700	$77,400
Interior Architecture	$105,700	$1,325,300
Electrical	$217,800	$363,300
Mechanical	$452,800	$1,164,400
Site Pavements	$50,600	$705,200
Total	**$1,128,500**	**$3,635,700**
Importance Code A	$301,700	$731,100
Importance Code B	$826,800	$2,904,500
Total	**$1,128,500**	**$3,635,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,900			$600
Interior Architecture	$116,100		$5,900	$1,700
Electrical	$4,600	$30,800	$6,200	$4,200
Mechanical	$54,700	$22,000	$17,500	$10,400
Site Enclosure	$2,300			
Site Pavements	$1,400			
Total	**$200,000**	**$52,800**	**$29,600**	**$16,900**
Importance Code A	$28,400	$7,600	$7,400	$8,000
Importance Code B	$148,000	$45,200	$22,200	$8,800
Importance Code C	$23,700			
Total	**$200,000**	**$52,800**	**$29,600**	**$16,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 452 - M (FORMER P.S.191)
Asset # : 1636

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$127,500	LIFE	* *	5	$77,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : East Side								
Masonry: Limestone	5%			LIFE	* *	5	$3,100	
Windows								
Aluminum	92%			2052	* *	5	$1,200	
Aluminum	5%	Now	$3,200	2055	* *	5		
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Metal Louvers	3%			2039	* *	10	$300	
Parapets								
Masonry: Brick	90%	Now	$174,300	LIFE	* *	5	$27,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 312, 316								
Masonry: Limestone	10%			LIFE	* *	5	$3,800	
Roof								
Built-Up (BUR)	95%	4+	$13,700	2035	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : Around Drains								
Copper/Terne	5%	4+	$4,100	2065	* *			
Ponding, Extent : Light, Area Affected : 25%								
Location : Roof Over Stair								
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 452 - M (FORMER P.S.191)
Asset # : 1636

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%	Now	$26,600	2032	$26,600	3	$2,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Multimedia Room								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Multimedia Room								
Cast in Place Concrete	10%			LIFE	* *	5	$16,400	
Mosaic Tile	5%	Now	$105,700	2035	* *	5	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen And Toilets								
Terrazzo	5%			LIFE	* *	5	$2,900	
Vinyl Tile	63%			2035	* *	3	$17,700	
Vinyl Tile 9" X 9"	10%	Now	$26,500	2030	$1,325,300	3	$2,800	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Offices Throughout								
Wood	5%			2058	* *	5	$7,000	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%	Now	$20,000	LIFE	* *	5	$12,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Stair A								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair A, Rooms 312, 316								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair A, Rooms 312, 316								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	Now	$36,300	2035	* *	5	$11,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exposed Struc: Concrete	55%			LIFE	* *	5	$6,500	
Plaster	15%	0-2	$6,900	LIFE	* *	5	$7,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above 3rd Floor Windows Throughout, Stair A								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 452 - M (FORMER P.S.191)
Asset # : 1636

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%	Now	$2,300	2050	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot Gate								
Iron Picket	75%			2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	25%			2065	* *			
Masonry: Brick	75%			2040	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$1,400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps To Play Area								
Parking/Driveway								
Asphalt	50%			2039	* *			
Cast in Place Concrete	50%			2043	* *			
Activity Yard								
Asphalt	75%	Now	$50,600	2033	$505,900			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Rubber Matting	25%			2030	$199,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : The Service Equipment Includes A 2,000 Ampere Main Disconnect Switch Which Is In Good Condition.								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : The Service Equipment Includes A 200 Ampere Main Disconnect For Emergency Which Is In Good Condition.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 452 - M (FORMER P.S.191)
Asset # : 1636

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	* *	5	$2,000	
Raceway								
Conduit	90%			2030	$130,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$18,000	5	$200	
Molded Case Bkrs	60%			2046	* *	5	$1,200	
Molded Case Bkrs	30%			2029	$53,900	5	$600	
Wiring								
Braided Cloth	50%	2-4	$99,800	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Thermoplastic	30%			2030	$59,900	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$55,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout The Building								
Explanation : Fixtures Are T-8 Lamp Type And Are In Good Condition.								
LED	20%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Library, Media Room								
Explanation : LED Fixtures Have Been Installed At Several Locations.								
Egress Lighting								
Emergency, Battery	50%			2025	$62,900	10	$9,100	
Exit, Service	50%			2025	$16,200	1		
Exterior Lighting								
HID	100%			2035	* *	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$46,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 452 - M (FORMER P.S.191)

Asset # : 1636

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2050	* *	5	$23,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 20,000 Tank For Number 4 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%			2028	$653,700	1	$74,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$30,000	2040	* *			
Broken, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Condensate Return Pump And Vacuum Pump								
Terminal Devices								
Air Handler	20%			2025	$282,300	1	$9,300	
Convector/Radiator	80%			2035	* *	1	$19,400	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	10%			2030	$178,100			
Window/Wall Unit	60%			2025	$170,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	100%			2030	$332,600	2	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Roof								
Explanation : Penthouse								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2035	* *	1		
Water Heater With Tanks								
Gas Fired	80%			2024	$13,700	2		
Gas Fired	20%	Now	$100	2030	$3,400	2		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Sub-basement Crawl Space								
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Sub-basement								
Explanation : Kitchen Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 452 - M (FORMER P.S.191)
Asset # : 1636

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2030	$15,000	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2050	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 46 - BX EDGAR ALLAN POE**		
Address	: **279 EAST 196 STREET @BAINBRIDGE AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X046**
Program / Asset #	: **BOE0189.000 / 502**	**Yr Built/Renovated**	: **1911 / 2000**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3295** **Lot** : **1**	**BIN**	: **2094729**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,133,000	$139,300
Interior Architecture	$574,900	$847,600
Electrical	$328,900	$573,400
Mechanical	$382,000	$187,900
Total	**$2,418,800**	**$1,748,200**
Importance Code A	$1,133,000	$139,300
Importance Code B	$1,189,100	$1,608,900
Importance Code C	$96,700	
Total	**$2,418,800**	**$1,748,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,600	$1,500		
Interior Architecture	$90,900	$25,100	$3,800	$17,300
Electrical	$5,400	$2,600	$2,600	$52,400
Mechanical	$43,100	$10,400	$18,400	$10,400
Site Pavements	$72,000			
Total	**$213,000**	**$39,500**	**$24,800**	**$80,100**
Importance Code A	$34,300	$8,900	$7,400	$7,600
Importance Code B	$125,600	$17,300	$17,300	$72,500
Importance Code C	$53,200	$13,200		
Total	**$213,000**	**$39,500**	**$24,800**	**$80,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%	Now	$94,500	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Spandrel								
Masonry: Brick	40%	Now	$521,500	LIFE	* *	5	$63,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Building Corners, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Building Corners, Throughout West Facade At Fourth Floor								
Masonry: Brick Cavity	48%			LIFE	* *	5	$76,000	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls New Wing								
Masonry: Limestone	6%	Now	$149,600	LIFE	* *	5	$7,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Window Wall	3%			2058	* *	5	$17,800	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Wing Entrance From Courtyard								
Windows								
Aluminum	50%			2040	* *	5	$3,000	
Aluminum	50%			2054	* *	5	$3,000	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : New Wing								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$100	
Concrete Masonry Unit	20%			LIFE	* *	5	$100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Roof Parapet New Wing								
Masonry: Brick	45%			LIFE	* *	5	$200	
Metal Rail	2%			2049	* *	5-10	$100	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Roof New Wing								
Metal: Cage/Fence	5%			2049	* *	5-10	$100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof Deck Playground New Wing								
Pre-Cast Concrete	25%			LIFE	* *	5	$600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Roof Parapet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	50%	Now	$367,400	2042	* *			
Gravel/Slag Surface, Extent : Severe, Area Affected : 100%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 10%								
Location : Main Roof								
Ponding, Extent : Severe, Area Affected : 15%								
Location : Roof Old Wind								
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : Main Roof Area								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 90%								
Location : Main Roof								
Plaza Roof: Stone Panels	30%			2058	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Third Floor Roof Plaza Deck Metal Cage								
Explanation : Recent Construction								
Play Surface	20%			2040	* *	10	$12,600	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Third Floor Roof Deck Play Area								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,800	
Ceramic Tile	3%			2035	* *	5	$3,700	
Ceramic Tile	10%			2045	* *	5	$12,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : New Wing Bathrooms								
Terrazzo	2%	0-2	$11,500	LIFE	* *	5	$1,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Front Lobby								
Terrazzo	10%			LIFE	* *	5	$9,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : First Floor New Wing								
Vinyl Tile	25%			2032	$847,600	3	$11,500	
Vinyl Tile	25%			2040	* *	3	$11,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Throughout New Wing								
Wood	15%			2047	* *	5	$34,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%	0-2	$9,700	2035	* *	5	$1,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria Toilets								
Ceramic Tile	15%			2045	* *	5	$26,500	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Throughout New Wing								
Concrete Masonry Unit	7%			LIFE	* *	5	$4,900	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Stairs New Wing								
Glass: Single Pane	3%			LIFE	* *	5	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor New Wing								
Explanation : Recent Construction								
Gypsum Board	23%			LIFE	* *	5	$24,400	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Throughout New Wing								
Masonry: Brick	2%	Now	$13,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Masonry: Brick	3%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor New Wing								
Explanation : Recent Construction								
Plaster	45%	Now	$96,700	LIFE	* *	5	$23,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Staircase C, Rooms 402, 407, 412, 413, 401, 313, 312, 309, 301								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Staircase A, B, C, E, F. Rooms 402, 407, 412								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	35%			2049	* *	5	$53,700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Throughout New Wing								
Exposed Struc: Concrete	8%	0-2	$29,400	LIFE	* *	5	$1,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Storage Room Next To Electrical Room								
Exposed Struc: Steel	7%	Now	$413,000	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout Basement								
Exposed Struc: Steel	8%			LIFE	* *			
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Basement And Fifth Floor Path To Roof								
Exposed Struc: Steel	7%			LIFE	* *			
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Interior Gymnasium In New Wing								
Plaster	35%	Now	$65,300	LIFE	* *	5	$26,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 402, 407, 412								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Retaining Walls								
Masonry: Brick	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%	4+	$41,900	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Briggs Avenue								
Cast in Place Concrete	40%			2049	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk In Front Of New Wing								
Explanation : Recent Construction								
Pavers/Stone	10%			2045	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sidewalk In Front Of New Wing								
Explanation : Recent Construction								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$30,000	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various								

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DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	80%			2049	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Courtyard Playground								
Explanation : Recent Construction								
Rubber Matting	20%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Courtyard Playground								
Explanation : Recent Construction								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Fused Knife Sw	2%	2-4	$3,600	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2040	* *	5	$400	
Molded Case Bkrs	68%			2031	$122,100	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2032	$39,900	1		
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	60%			2030	$71,700	5	$300	
Locally Mounted	40%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	

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DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$67,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Battery	40%			2027	$50,400	10	$7,200	
Emergency, Battery	10%			2037	* *	10	$1,800	
Exit, Service	40%			2027	$12,900	1		
Exit, Service	10%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$70,000	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$28,200	1	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Exit Doors And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$13,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Horn,bell, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 7500 Gallons								

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DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$32,700	2037	* *	1	$66,800	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Tube Of Number 2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	90%			2042	* *	4	$3,300	
Central Plant Steam Piping/Pmp	10%	Now	$4,200	2042	* *	4	$400	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room. Defective Circulating Pump								
Terminal Devices								
Air Handler	17%			2027	$239,900	1	$7,900	
Air Handler	3%	0-2	$2,100	2032	$42,300	1	$1,300	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Room. Corroded Piping Around The Air Handling Unit								
Convector/Radiator	75%			2037	* *	1	$18,200	
Fan Coil Unit/Heat	5%			2037	* *	1	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2027	$142,100	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Roof	100%			2032	$145,500	2	$2,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2032	$15,000	4	$2,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,100	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 47 - BX**		
Address	: **1794 EAST 172 STREET BTWN: ST. LAWRENCE AV - BEACH AV**		
Borough	: **BRONX**	**Agency's Number**	: **X047**
Program / Asset #	: **BOE0190.000 / 490**	**Yr Built/Renovated**	: **1912 / 2015**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3786** **Lot** : **16**	**BIN**	: **2025622**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$203,900	$177,600
Interior Architecture	$12,856,100	$124,400
Electrical	$326,400	$378,400
Mechanical		$3,818,000
Total	**$13,386,400**	**$4,498,400**
Importance Code A	$203,900	$177,600
Importance Code B	$13,182,500	$4,268,300
Importance Code C		$52,600
Total	**$13,386,400**	**$4,498,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,800			$21,600
Interior Architecture	$80,600		$12,100	$3,300
Electrical	$2,800	$2,400	$61,700	$2,100
Mechanical	$63,000	$13,000	$64,600	$13,000
Site Pavements	$21,200			
Total	**$172,300**	**$15,400**	**$138,400**	**$40,000**
Importance Code A	$13,100	$8,300	$8,500	$29,900
Importance Code B	$153,000	$7,100	$129,900	$10,100
Importance Code C	$6,300			
Total	**$172,300**	**$15,400**	**$138,400**	**$40,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$53,700	
Masonry: Brick	90%	4+	$203,900	LIFE	* *	5	$123,800	
Recent Replace Evident, Extent : N/A, Area Affected : 90%								
Location : All Facades								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement At Beach Avenue								
Masonry: Limestone	5%			LIFE	* *	5	$5,200	
Recent Replace Evident, Extent : N/A, Area Affected : 90%								
Location : All Facades								
Windows								
Aluminum	100%			2047	* *	5	$43,100	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$17,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,600	
Roof								
Metal Panel	5%			2044	* *	10	$4,800	
Modified Bitumen	95%			2039	* *	10	$49,300	
Recent Replace Evident, Extent : N/A, Area Affected : 95%								
Location : Main Roof								
Interior								
Floors								
Ceramic Tile	4%			2034	* *	5	$5,300	
Mosaic Tile	5%	4+	$31,100	2036	* *	5	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Entry Vestibule, Main Lobby								
Quarry Tile	3%			2036	* *	5	$6,000	
Terrazzo	8%	Now	$19,800	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Main Lobby								
Vinyl Tile	20%	4+	$14,600	2036	* *	3	$9,900	
Patching Evident, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Vinyl Tile 9" X 9"	55%			2026	$12,856,100	3	$27,300	
Wood	5%			2059	* *	5	$12,400	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$12,500	
Glazed Ceramic Panel	10%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$52,600	
Ceilings								
Masonry: Vault Struct	10%			LIFE	* *			
Plaster	90%			LIFE	* *	5	$71,900	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	2%			2057	* *			
Iron Picket	98%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$10,400	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East 172nd Street								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	93%	4+	$10,100	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basketball Courts								
Pavers/Stone	2%			2040	* *			
Rubber Matting	5%	Now	$600	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	70%			2030	$167,600	5	$1,500	
Molded Case Bkrs	20%			2047	* *	5	$400	
Wiring								
Braided Cloth	65%	2-4	$189,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2051	* *	1		
Thermoplastic	10%			2031	$29,200	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2029	$11,900	5	$100	
Locally Mounted	20%			2044	* *	5	$100	
Motor Control Center	70%			2044	* *	5	$1,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	10%			2039	* *	10	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
Fluorescent	86%			2036	* *	10	$66,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$70,500	10	$10,100	
Exit, Service	50%			2026	$18,100	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$31,500	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only; Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 5,000 Gallons. No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$83,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$47,200	2031	$2,362,100	4	$4,100	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Condensate Piping Corroded								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	50%			2031	$790,400	1	$26,000	
Convector/Radiator	50%			2029	$343,400	1	$13,600	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Auditorium And Main Distribution Frame Room								
Explanation : For Auditorium And Main Distribution Frame Room								
Window/Wall Unit	50%			2029	$159,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,800	
Exhaust Fans								
Roof	100%			2031	$163,000	2	$2,600	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$3,400	2031	$16,800	4	$1,800	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : 2 Units. 1 Unit Not Working Due To Burnt Motor								
Sewage Ejector(s)								
Electric	100%			2026	$44,000	4	$3,300	
Backflow Preventer								
No Component	90%							
Generic	10%			2036	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 48 - BX**		
Address	: **1290 SPOFFORD AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X048**
Program / Asset #	: **BOE0191.000 / 491**	**Yr Built/Renovated**	: **1916 / 2009**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2766** **Lot** : **1**	**BIN**	: **2006680**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$763,000	$317,800
Interior Architecture	$1,050,300	$1,321,900
Electrical	$218,800	$944,100
Mechanical	$216,200	$1,614,900
Total	**$2,248,300**	**$4,198,700**
Importance Code A	$911,200	$1,058,700
Importance Code B	$1,337,100	$3,140,000
Total	**$2,248,300**	**$4,198,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,700		$7,500	
Interior Architecture	$172,800		$5,100	$7,700
Electrical	$56,300	$7,900	$9,900	$8,900
Mechanical	$5,600	$10,700	$11,600	$10,700
Site Pavements	$27,300			
Total	**$289,700**	**$18,600**	**$34,200**	**$27,300**
Importance Code A	$27,700	$8,400	$15,900	$8,400
Importance Code B	$162,300	$10,200	$18,200	$16,300
Importance Code C	$99,600			$2,600
Total	**$289,700**	**$18,600**	**$34,200**	**$27,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$148,400	
Copper/Terne	2%			2053	* *	10	$4,500	
Masonry: Brick	73%			LIFE	* *	5	$138,700	
Masonry: Limestone	10%			LIFE	* *	5	$14,200	
Granite Panels	2%			LIFE	* *	5	$2,900	
Stucco Cement	3%			2046	* *	5	$7,100	
Windows								
Aluminum	100%	Now	$558,000	2049	* *	5	$14,600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$72,000	
Masonry: Limestone	10%			LIFE	* *	5-10	$21,400	
Metal: Cage/Fence	5%			2046	* *	5-10	$6,800	
Weathering Steel	25%			LIFE	* *	1		
Roof								
Built-Up (BUR)	25%			2033	$174,300	10	$14,900	
Copper/Terne	10%			2061	* *	10	$14,900	
Modified Bitumen	65%			2038	* *	10	$38,800	
Soffits								
Copper/Terne	100%			2068	* *	10		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$57,700	LIFE	* *	5	$14,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Paint Storage Room In Basement								
Ceramic Tile	5%			2042	* *	5	$6,800	
Quarry Tile	3%			2038	* *	5	$6,100	
Terrazzo	5%	4+	$31,700	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Entrance Lobby, Stairwell								
Vinyl Tile	30%			2038	* *	3	$15,300	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Lunchroom								
Vinyl Tile	5%	Now	$187,300	2043	* *	3	$2,500	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Multipurpose Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Multipurpose Room								
Vinyl Tile 9" X 9"	5%			2028	$1,196,500	3	$3,400	
Wood	42%	Now	$679,300	2048	* *	5	$53,400	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout Classrooms								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$5,300	
Glass: Single Pane	5%	Now	$32,000	LIFE	* *	5	$4,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Marble Panels	5%	4+	$18,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	80%			LIFE	* *	5-10	$71,700	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$2,600	
Ceilings								
AcousTile,Adhered	5%			2038	* *	5	$6,800	
Exposed Struc: Concrete	10%	4+	$40,600	LIFE	* *	5	$2,100	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plaster	85%			LIFE	* *	5-10	$198,100	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Chain Link	60%			2053	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	60%			2068	* *			
Masonry: Fieldstone	40%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%	Now	$27,300	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Faile Street								
Pavers/Stone	5%			2042	* *			
On-Site Walkways								
Cast in Place Concrete	98%			2038	* *			
Pavers/Stone	2%			2036	* *			
Parking/Driveway								
Asphalt	75%			2036	* *			
Cast in Place Concrete	25%			2038	* *			
Activity Yard								
Asphalt	50%			2042	* *			
Rubber Matting	50%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	75%			2033	$170,700	5	$300	
Molded Case Bkrs	25%			2033	$56,900	5	$600	
Raceway								
Conduit	95%			2033	$191,700	1		
Under Construction	5%							
Panelboards								
Fused Disc Sw	5%			2032	$12,000	5	$100	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	85%			2032	$203,600	5	$1,900	
Wiring								
Braided Cloth	75%	2-4	$218,800	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	$58,300	1		
Under Construction	5%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	95%			2031	$113,500	5	$500	
Under Construction	5%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : At Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$70,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	10%	Now	$47,100	2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Cafeteria								
Explanation : LED Are Malfunctioning								
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$10,300	
Exit, Battery	50%			2041	* *	10	$2,900	
Exterior Lighting								
HID	20%			2028	$79,300	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$600	
Alarm								
Security System								
Generic	100%			2038	* *	1	$31,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Manual Door Lock Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$52,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$26,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$148,200	2031	$740,900	1	$75,800	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : No.2 Boiler Tube Leakage And Corrosion								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$68,100	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Leaking Vacuum Pump								
Terminal Devices								
Convector/Radiator	80%			2031	$556,100	1	$22,000	
Under Construction	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Various Locations								
Explanation : Blowers, Supply And Return And Exhaust Fans Under Construction								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$100,900			
Window/Wall Unit	10%	0-2	$3,200	2028	$32,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various Locations. 30 Percent Is Not Working								
No Component	85%							
Ventilation								
Distribution								
No Component	80%							
Under Construction	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Various Locations								
Explanation : Ventilation Units Are Under Construction								
Exhaust Fans								
Interior	20%			2038	* *	2	$500	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$217,000	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Passenger And A Basement Wheelchair Lift								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$23,500	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 48 - M**		
Address	: **4360 BROADWAY @ W.186 ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M048**
Program / Asset #	: **BOE0975.000 / 4138**	**Yr Built/Renovated**	: **1993 / 2011**
Area Sq Ft	: **93,913**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2167** **Lot** : **29**	**BIN**	: **1076752**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$232,500	$168,700
Interior Architecture		$533,300
Electrical	$69,300	$1,830,800
Mechanical		$3,198,300
Total	**$301,800**	**$5,731,100**
Importance Code A	$232,500	$168,700
Importance Code B	$69,300	$5,492,800
Importance Code C		$69,700
Total	**$301,800**	**$5,731,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,500			
Interior Architecture	$67,200	$12,100	$10,800	
Electrical	$54,500	$16,600	$15,300	$17,000
Mechanical	$33,900	$31,500	$50,800	$20,300
Site Enclosure	$32,500			
Site Pavements	$6,200			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$237,700**	**$70,100**	**$86,700**	**$47,200**
Importance Code A	$38,200	$4,800	$4,600	$4,600
Importance Code B	$155,100	$65,200	$82,100	$42,600
Importance Code C	$44,400			
Total	**$237,700**	**$70,100**	**$86,700**	**$47,200**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%	0-2	$181,700	LIFE	* *	5	$110,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	3%			LIFE	* *	5	$11,100	
Repairs in Progress, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	97%	Now	$33,500	2046	* *	5	$17,600	
Glazing Broken/Cracked, Extent : Light, Area Affected : 5%								
Location : 4th Floor, North Façade								
Metal Louvers	3%			2039	* *	10	$6,800	
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$9,100	
Metal Rail	35%			2043	* *	5-10	$96,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,800	
Roof								
Copper/Terne	5%			2058	* *	10	$6,700	
IRMA/Protected Membrane	95%			2035	* *	10	$50,800	
Soffits								
Cement - Fiber Panel	100%			2035	* *	10		
Interior								
Floors								
Carpet	15%			2031	$357,100	3	$30,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Offices								
Cast in Place Concrete	5%			LIFE	* *	5	$14,700	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Basement								
Ceramic Tile	5%	0-2	$37,900	2033	$379,500	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Quarry Tile	2%			2043	* *	5	$4,000	
Sheet Vinyl/Rubber	2%			2035	* *	5	$4,000	
Terrazzo	5%	0-2	$12,600	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	64%			2035	* *	3	$32,300	
Wood	2%			2058	* *	5	$5,000	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	2%	Now	$5,700	2039	* *	5	$2,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass: Single Pane	3%			LIFE	* *	5	$5,800	
Gypsum Board	45%			LIFE	* *	5	$69,700	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%	0-2	$6,500	2043	* *	5	$12,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	0-2	$4,500	2043	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,100	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	50%			LIFE	* *	5	$84,100	
Metal Panel	5%			LIFE	* *	5	$8,400	
Site Enclosure								
Fence/Gates								
Chain Link	50%	2-4	$6,400	2040	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	50%	Now	$7,000	2050	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Along Broadway								
Free Standing Walls								
Masonry: Brick	100%	Now	$19,100	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$6,200	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Not Accessible	100%							
Activity Yard								
Asphalt	80%			2043	* *			
Rubber Matting	20%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere And One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	90%			2038	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$28,900	
Generators								
Diesel	100%	Now	$69,300	2039	* *	1	$32,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kilowatt Defective Fuel Supply System								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallons								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2030	$1,358,000	10	$83,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2030	$14,000	10	$900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors And 4th Floor								
HID	1%			2030	$11,100	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : HID Lights								
Incandescent	1%			2030	$26,000	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Recessed Fixtures								
Egress Lighting								
Emergency, Service	50%			2030	$28,900	1		
Exit, Service	40%			2030	$16,200	1		
Exit, Battery	10%			2035	* *	10	$600	
Exterior Lighting								
HID	20%	Now	$17,500	2035	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Play Yard								
Explanation : Fixtures Not Operational								
LED	80%			2035	* *			
Alarm								
Security System								
Generic	50%	Now	$4,400	2030	$88,100	1	$15,800	
Cameras Damaged, Extent : Light, Area Affected : 2%								
Location : 4th Floor Stair C								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV System								
Generic	25%			2035	* *	1	$8,800	
Other Observation, Extent : Light, Area Affected : 25%								
Location : 1st Through 3rd Floor								
Explanation : Intrusion Alarm System								
Generic	25%	Now	$17,600	2030	$44,100	1	$7,900	
Control Panel Damaged, Extent : Moderate, Area Affected : 25%								
Location : 4th And 5th Floors								
Fire/Smoke Detection								
Generic, Digital	100%			2030	$242,200	1-3	$59,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 5,500 Gallon Tanks For No. 2 Fuel								
Conversion Equipment								
Hot Water Boiler	100%			2035	* *	1	$46,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2038	* *	4	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Pumps								
Terminal Devices								
Air Handler	50%			2030	$883,600	1	$29,000	
Convector/Radiator	50%			2035	* *	1	$15,200	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2030	$692,700	1	$21,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Two Chillers In The Basement								
Exterior Pkg Unit - Cooling	45%			2030	$463,400	2	$2,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	5%			2030	$111,500			
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2040	* *	4	$3,500	
Ductwork/Diffusers	50%			LIFE	* *	2	$61,100	
Terminal Devices								
Air Handler/Cool/Ht	50%			2030	$911,100	1	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Roof								
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	50%			2030	$135,900	2	$32,700	
No Component	50%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Exhaust Fans								
Roof	100%			2035	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	50%			2028	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Gas Fired	50%			2024	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Duplex Sets								
Backflow Preventer								
Generic	100%			2035	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor, 1st To 5th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$47,400	
Sprinkler								
No Component	85%							
Generic	15%			2050	* *	1-2	$3,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 49 - BX**		
Address	: **383 EAST 139 STREET BTWN: ALEXANDER AVE., WILLIS AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X049**
Program / Asset #	: **BOE0192.000 / 492**	**Yr Built/Renovated**	: **1965 / 2009**
Area Sq Ft	: **114,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2302** **Lot** : **40**	**BIN**	: **2000626**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$192,400
Interior Architecture	$131,300	$20,381,100
Electrical		$1,880,700
Mechanical	$200,000	$2,040,700
Site Pavements	$78,200	
Total	**$409,500**	**$24,494,800**
Importance Code A		$1,237,400
Importance Code B	$279,000	$23,257,400
Importance Code C	$130,600	
Total	**$409,500**	**$24,494,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$117,300			
Interior Architecture	$132,200		$8,600	$18,800
Electrical	$24,300	$10,600	$11,000	$14,100
Mechanical	$68,700	$15,900	$25,300	$21,500
Site Enclosure	$23,300			
Site Pavements	$9,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$379,300**	**$30,400**	**$48,800**	**$58,300**
Importance Code A	$128,600	$11,300	$11,300	$11,300
Importance Code B	$186,600	$19,200	$37,500	$42,700
Importance Code C	$64,100			$4,300
Total	**$379,300**	**$30,400**	**$48,800**	**$58,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$1,400	
Masonry: Brick	73%			LIFE	* *	5	$84,500	
Masonry: Limestone	2%	Now	$1,800	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : At Entrances								
Metal Panel	20%			2053	* *	5-10	$79,600	
Granite Panels	3%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%			2049	* *	5	$21,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$22,500	
Masonry: Brick	40%			LIFE	* *	5-10	$43,300	
No Component	55%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof Perimeter As Guard Railing								
Explanation : Metal Chain Link Fence Moved To Site As A Component								
Roof								
Built-Up (BUR)	40%			2038	* *	10	$56,600	
Copper/Terne	5%			2061	* *	10	$17,700	
IRMA/Protected Membrane	55%			2038	* *	10	$77,900	
Soffits								
Cast in Place Concrete	100%	4+	$7,300	LIFE	* *	5	$12,400	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Roof Slab Projection								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$36,100	
Ceramic Tile	5%			2036	* *	5	$8,200	
Terrazzo	5%	Now	$15,400	LIFE	* *	5	$6,400	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Stair Thread In Stair C At 2nd Floor								
Explanation : Loose Section								
Vinyl Tile	14%			2038	* *	3	$8,700	
Vinyl Tile 9" X 9"	70%			2028	$20,381,100	3	$57,700	
Wood	1%			2061	* *	5	$3,100	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$21,700	
Ceramic Tile	5%			2042	* *	5	$8,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,900	
Glazed Ceramic Panel	5%			LIFE	* *	10	$7,800	
Plaster	55%			LIFE	* *	5-10	$81,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$21,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2038	* *	5	$48,100	
AcousTileSusp.Lay-In	5%			2038	* *	5	$8,000	
Exposed Struc: Concrete	11%			LIFE	* *	5-10	$22,000	
Exposed Struc: Steel	2%			LIFE	* *	10	$6,400	
Fiber Board	5%			2038	* *			
Metal Panel	2%			LIFE	* *	5	$8,000	
Plaster	45%			LIFE	* *	5-10	$124,000	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2043	* *			
Chain Link	10%			2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Fence Guard Railing At Roof Edge Perimeter								
Iron Picket	40%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$23,300	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Rear Play Yard								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	75%	Now	$2,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Ramp And Steps At Rear Yard								
Masonry: Granite	25%	Now	$6,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : At Door Entry Points								
Parking/Driveway								
Asphalt	85%	Now	$78,200	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Cast in Place Concrete	15%	Now	$1,300	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Driveway Entrance								
Activity Yard								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$25,700	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 1,600 Amperes								
Fused Disc Sw	50%			2033	$25,700	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Molded Case Bkrs	80%			2032	$191,600	5	$2,400	
Molded Case Bkrs	10%			2049	* *	5	$300	
Wiring								
Braided Cloth	90%			2032	$307,700	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$181,400	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,400	
Lighting								
Interior Lighting								
Fluorescent	5%			2038	* *	10	$5,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement And First Floor								
Fluorescent	85%			2038	* *	10	$88,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Service	15%			2028	$10,500	1		
Emergency, Battery	35%			2028	$67,000	10	$9,600	
Exit, Service	25%			2028	$12,300	1		
Exit, Battery	25%			2033	$40,400	10	$1,900	
Exterior Lighting								
HID	9%			2028	$47,900	10		
LED	1%			2041	* *			
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	$214,000	1	$42,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$294,100	1-3	$72,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$265,100	5	$35,300	
Conversion Equipment								
Steam Boiler	100%			2031	$993,600	1	$112,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	15%			2028	$321,800	1	$10,600	
Air Handler	5%	Now	$53,600	2033	$107,300	1	$3,200	
Broken, Extent : Severe, Area Affected : 30%								
Location : Fan Room								
Convector/Radiator	80%			2038	* *	1	$29,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$15,100	2028	$302,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. 5 Percent Of Units Are Not Working								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,600	
Exhaust Fans								
Interior	10%			2028	$50,600	2	$400	
Roof	90%			2038	* *	2	$3,100	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$146,400	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main. Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$11,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$500	2028	$22,800	4	$2,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Boys Bathroom								
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
No Component	80%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 5 - M**		
Address	: **3703 10TH AVE. @ DYCKMAN ST - HARLEM RIVER DR**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M005**
Program / Asset #	: **BOE0976.000 / 4139**	**Yr Built/Renovated**	: **1993 /**
Area Sq Ft	: **93,233**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **2150** **Lot** : **30**	**BIN**	: **1084201**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$218,100
Interior Architecture		$86,900
Electrical		$1,781,700
Mechanical	$438,600	$4,491,800
Total	**$438,600**	**$6,578,500**
Importance Code A		$218,100
Importance Code B	$438,600	$6,360,300
Total	**$438,600**	**$6,578,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$68,000	$11,800	
Interior Architecture	$16,600		$12,200	
Electrical	$23,800	$18,800	$16,900	$15,200
Mechanical	$25,400	$37,600	$29,700	$18,700
Site Enclosure	$20,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$93,600**	**$132,300**	**$78,600**	**$41,800**
Importance Code A	$4,600	$72,800	$16,500	$4,600
Importance Code B	$60,300	$59,500	$62,100	$37,200
Importance Code C	$28,700			
Total	**$93,600**	**$132,300**	**$78,600**	**$41,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$2,100	
Masonry: Brick Cavity	76%			LIFE	* *	5	$130,300	
Metal Panel	5%			2050	* *	5-10	$58,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$11,100	
Stucco Cement	5%			2043	* *	5	$21,400	
Window Wall	10%			2050	* *	5	$64,300	
Windows								
Aluminum	98%			2046	* *	5	$23,700	
Metal Louvers	2%			2039	* *	10	$3,000	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$10,500	
Metal Panel	2%			2050	* *	5	$900	
Metal Rail	5%			2043	* *	5-10	$10,600	
Pre-Cast Concrete	3%			LIFE	* *	5	$2,200	
Roof								
Built-Up (BUR)	5%			2035	* *	10	$5,900	
Metal Panel	20%			2043	* *	10	$43,000	
Modified Bitumen	75%			2040	* *	10	$87,900	
Recent Installation, Extent : N/A, Area Affected : 100% *Location : Throughout*								
Soffits								
Cement - Fiber Panel	100%			2035	* *	10	$13,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,400	
Ceramic Tile	5%	Now	$7,800	2039	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5% *Location : Restrooms*								
Quarry Tile	5%			2043	* *	5	$10,400	
Terrazzo	5%			LIFE	* *	5	$5,400	
Vinyl Tile	70%			2035	* *	3	$36,500	
Wood	5%			2058	* *	5	$13,000	
Interior Walls								
Ceramic Tile	5%	Now	$8,700	2039	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5% *Location : Restrooms*								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,400	
Glass Block	2%			LIFE	* *			
Glass: Single Pane	3%			LIFE	* *	5	$3,600	
Gypsum Board	10%			LIFE	* *	5	$9,500	
Gypsum Board	40%			LIFE	* *	5	$38,100	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%			2043	* *	5	$34,800	
AcousTileSusp.Lay-In	20%			2043	* *	5	$27,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	50%			LIFE	* *	5	$86,900	
Metal Panel	5%			LIFE	* *	5	$8,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	0-2	$8,400	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%	Now	$11,600	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%			2039	* *			
Activity Yard								
Asphalt	60%			2043	* *			
Rubber Matting	40%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$200	
Molded Case Bkrs	90%			2038	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$28,700	
Generators								
Diesel	100%			2033	$138,700	1	$36,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 250 Kilowatt								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Generator Room								
Explanation : One 40 Gallons								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Generator Room								
Explanation : One 6,000 Gallons								
Lighting								
Interior Lighting								
Fluorescent	48%			2030	$667,100	10	$41,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	48%			2030	$667,100	10	$41,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 45%								
Location : Throughout The Building								
Incandescent	2%			2030	$51,700	2		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Auditorium And Kitchen								
Explanation : Incandescent Fixtures								
LED	2%			2038	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2030	$28,700	1		
Emergency, Battery	2%	Now	$100	2035	* *			
Not Functioning, Extent : Moderate, Area Affected : 2%								
Location : Fire Rescue Areas/ Holding Rooms								
Exit, Service	2%			2030	$800	1		
Exit, Battery	46%			2035	* *	10	$2,900	
Exterior Lighting								
HID	10%	Now	$4,400	2030	$43,500			
Sensor/Timer Malfunction, Extent : Light, Area Affected : 10%								
Location : Roof								
LED	90%			2035	* *			
Alarm								
Security System								
Generic	100%			2030	$175,000	1	$34,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$57,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 10,000 Gallon Tank For No. 2 Fuel Oil								
Conversion Equipment								
Heat Exchanger, Shell & Tube	50%			2033	$198,900			
Steam Boiler	50%			2035	* *	1	$46,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2038	* *	4	$2,300	
Central Plant Steam Piping/Pmp	50%			2040	* *	4	$3,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%	Now	$438,600	2035	* *	1	$25,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Six Units Are Broken								
Convector/Radiator	50%			2043	* *	1	$15,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	100%			2030	$2,213,900			
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$1,809,100	1	$57,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse And Second Floor Fan Rooms								
Explanation : Equipment Accounted For Under Heating Section Of This Report								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,000	
Exhaust Fans								
Roof	100%			2030	$180,900	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Triplex Booster Pumps								
Water Heater With Tanks								
Electric	10%			2025	$2,400	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 30 Gallons								
Gas Fired	75%			2029	$12,800	2		
Recent Replace Evident, Extent : N/A, Area Affected : 75%								
Location : Basement Boiler Room								
Other Observation, Extent : N/A, Area Affected : 75%								
Location : Boiler Room								
Explanation : One 400 Gallon Unit Serves Toilet Rooms								
Gas Fired	15%			2025	$2,600	2		
Other Observation, Extent : Light, Area Affected : 25%								
Location : First Floor Kitchen Equipment Room								
Explanation : 140 Gallon Serves Kitchen								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$7,500	2035	* *	4	$2,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : One Of Two Pumps Is Broken								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$47,000	
Sprinkler								
No Component	80%							
Generic	20%			2050	* *	1-2	$5,200	
Fire Pump								
Generic	100%			2033	$89,000	1	$17,400	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 50 - BX**		
Address	: **1550 VYSE AVENUE @E. 172-173 STS.**		
Borough	: **BRONX**	**Agency's Number**	: **X050**
Program / Asset #	: **BOE0193.000 / 493**	**Yr Built/Renovated**	: **1914 / 2012**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2996** **Lot** : **10**	**BIN**	: **2010786**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$803,800	$326,500
Interior Architecture	$387,600	$118,400
Electrical	$308,200	$232,000
Mechanical	$470,000	$787,900
Site Enclosure	$53,200	
Site Pavements	$233,200	
Total	**$2,255,900**	**$1,464,800**
Importance Code A	$803,800	$326,500
Importance Code B	$1,080,900	$1,076,900
Importance Code C	$371,200	$61,300
Total	**$2,255,900**	**$1,464,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$52,900		$9,600	$38,400
Electrical	$3,000	$2,000	$2,000	$61,700
Mechanical	$87,800	$15,500	$21,700	$92,500
Site Pavements	$29,700			
Total	**$173,500**	**$17,500**	**$33,300**	**$192,700**
Importance Code A	$7,300	$7,300	$7,300	$7,300
Importance Code B	$166,200	$10,200	$19,200	$185,300
Importance Code C			$6,800	
Total	**$173,500**	**$17,500**	**$33,300**	**$192,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$58,600	
Glass Block	5%			LIFE	* *	5	$4,700	
Masonry: Brick	85%	Now	$524,800	LIFE	* *	5	$127,500	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : 5th Floor, Stairways, A And B								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Foundation, Boiler Room, 5th Floor, Stairways A And B								
Masonry: Limestone	5%			LIFE	* *	5	$5,600	
Windows								
Aluminum	100%	Now	$82,400	2048	* *	5	$8,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Rooms 503, 509								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$11,600	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,600	
Roof								
Built-Up (BUR)	30%			2032	$140,400	10	$12,000	
Built-Up (BUR)	70%	4+	$196,600	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 5th Floor Classrooms								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Upper Roof Areas								
Explanation : Open Seams At Cap Flashing								
Interior								
Floors								
Carpet	5%			2033	$99,700	3	$11,300	
Cast in Place Concrete	10%			LIFE	* *	5	$24,700	
Cast in Place Concrete	5%			LIFE	* *	5	$12,300	
Ceramic Tile	5%			2041	* *	5	$5,600	
Quarry Tile	3%			2037	* *	5	$5,100	
Vinyl Tile	47%	2-4	$29,300	2037	* *	3	$19,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms								
Wood	25%			2047	* *	5	$52,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$13,600	
Marble Panels	5%			LIFE	* *			
Plaster	75%	Now	$248,700	LIFE	* *	5	$61,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 5th Floor, Rooms 503, Stairway A								
SGFT/Glazed Masonry	10%			LIFE	* *			

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Metal Panel	3%	Now	$20,900	LIFE	* *	5	$3,900	
Bent/Warped Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Plaster	87%	Now	$138,800	LIFE	* *	5	$57,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor, Rooms 503, 509, 410, 412, Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2052	* *			
Iron Picket	10%			2067	* *			
Retaining Walls								
Masonry: Brick	10%			2052	* *			
Masonry: Fieldstone	90%	Now	$53,200	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Play Yard Area								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Play Yard Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$110,700	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Vyse Avenue And Bryant Avenue								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Vyse Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$122,400	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Ramp In Play Yard								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Next To Auditorium Wall, Front Steps On Vyse Avenue, Play Yard Steps								
Activity Yard								
Asphalt	90%	Now	$29,700	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 65%								
Location : Throughout Play Yard								
Potholes, Extent : Severe, Area Affected : 5%								
Location : Play Yard								
Sinking/Subsiding, Extent : Severe, Area Affected : 5%								
Location : Play Yard Area								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Play Yard Area								
Rubber Matting	10%			2037	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2058	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2058	* *	5	$300	
Raceway								
Conduit	70%			2032	$101,200	1		
Conduit	30%			2058	* *	1		
Panelboards								
Fused Disc Sw	2%			2054	* *	5		
Fused Disc Sw	8%			2031	$14,400	5	$100	
Molded Case Bkrs	80%			2054	* *	5	$1,600	
Molded Case Bkrs	10%			2031	$18,000	5	$200	
Wiring								
Braided Cloth	60%	2-4	$119,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2032	$20,000	1		
Thermoplastic	30%			2058	* *	1		
Motor Controllers								
Locally Mounted	70%			2045	* *	5	$300	
Locally Mounted	30%			2030	$35,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	84%			2040	* *	10	$57,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout First To Upper Floors								
Explanation : T-8 Lamps								
Fluorescent	10%			2037	* *	10	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	6%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$62,100	10	$8,900	
Exit, Service	50%			2027	$16,000	1		
Exterior Lighting								
HID	20%			2027	$69,100	10		
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$27,800	1	$5,500	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$57,300	1-3	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Hallways								
Explanation : Bell, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$22,900	
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$73,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$29,600	2042	* *			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Return Line And Vacuum Pump In Basement								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Malfunctioning Air Compressor. Compressed Air Not Sent To Pneumatic Valve								
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2027	$139,300	1	$4,600	
Convector/Radiator	80%			2030	$484,100	1	$19,100	
Fan Coil Unit/Heat	10%			2027	$183,500	1	$2,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	0-2	$2,100	2027	$42,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various. 30 Percent Of The Window, Wall Air Conditioning Units Are Not Working								
No Component	85%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Exhaust Fans								
Interior	20%	Now	$3,300	2027	$65,600	2	$400	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Roof	80%	Now	$23,000	2032	$114,900	2	$1,400	
Not in Service, Extent : Severe, Area Affected : 65%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$188,900	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2027	$17,100	2		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement. Leaking Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$5,200	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2032	$14,800	4	$2,300	
Sewage Ejector(s)								
Electric	100%			2032	$38,700	4	$4,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$30,700	1-2	$600	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 51 (ECC) - Q**		
Address	: **87-45 117TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q051**
Program / Asset #	: **BOE1149.000 / 14895**	**Yr Built/Renovated**	: **1995 /**
Area Sq Ft	: **31,384**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Ph**		
Block	: **9327** **Lot** : **26**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$57,700	
Electrical		$517,400
Mechanical	$72,000	$2,052,200
Total	**$129,700**	**$2,569,600**
Importance Code B	$129,700	$2,569,600
Total	**$129,700**	**$2,569,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$68,300		$39,000	
Interior Architecture	$68,300		$7,800	$5,400
Electrical	$7,600	$5,100	$8,600	$5,100
Mechanical	$20,600	$11,500	$16,600	$13,900
Site Enclosure	$6,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$175,000**	**$20,600**	**$75,900**	**$28,300**
Importance Code A	$71,100	$2,800	$41,800	$2,800
Importance Code B	$63,100	$17,800	$34,100	$20,600
Importance Code C	$40,700			$5,000
Total	**$175,000**	**$20,600**	**$75,900**	**$28,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 (ECC) - Q

Asset # : 14895

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	1%			LIFE	* *	5	$600	
Masonry: Brick Cavity	99%			LIFE	* *	5	$95,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	85%			2049	* *	5	$5,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Windows								
Metal Louvers	15%			2042	* *	10	$6,000	
Parapets								
Masonry: Brick Cavity	20%			LIFE	* *	5-10	$6,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Metal Rail	40%			2046	* *	5-10	$34,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Pre-Cast Concrete	40%			LIFE	* *	5	$24,200	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Roof								
IRMA/Protected Membrane	75%			2038	* *	10	$28,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Flat Roof								
Metal Panel	20%			2046	* *	10	$13,900	
Metal Panel	5%			2046	* *	10	$3,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Louvered Metal Mechanical Screen								
Explanation : No Repairs Needed								
Soffits								
Stucco Cement	100%			2046	* *	5	$1,100	
Interior								
Floors								
Carpet	2%			2029	$16,600	3	$1,900	
Cast in Place Concrete	8%			LIFE	* *	5	$16,400	
Ceramic Tile	10%			2036	* *	5	$4,700	
Granite Panels	2%			LIFE	* *	5	$1,400	
Quarry Tile	3%			2046	* *	5	$2,100	
Vinyl Tile	75%			2038	* *	3	$13,200	
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$9,900	
Concrete Masonry Unit	40%			LIFE	* *	5	$31,800	
SGFT/Glazed Masonry	50%			LIFE	* *	10	$24,800	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 (ECC) - Q

Asset # : 14895

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	80%	Now	$57,700	2046	* *	5	$17,400	
Misaligned/Bulging, Extent : Light, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout 2nd Floor								
Exposed Struc: Steel	10%			LIFE	* *	10	$8,700	
Gypsum Board	10%			LIFE	* *	5-10	$14,900	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fence								
Explanation : Construction Netting Installed Over Fence With Sidewalk Shed								
Retaining Walls								
Cast in Place Concrete	70%			2068	* *			
Masonry: Brick	30%	4+	$6,200	2053	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Front Steps								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Sidewalk								
Explanation : Sidewalk Shed In Use								
On-Site Walkways								
Cast in Place Concrete	90%			2046	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Walkways								
Explanation : Sidewalk Shed In Use								
Pavers/Stone	10%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Entry								
Explanation : Sidewalk Shed In Use								
Activity Yard								
Asphalt	50%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard								
Explanation : Construction Staging Area								
Cast in Place Concrete	5%			2046	* *			
Rubber Matting	45%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 (ECC) - Q

Asset # : 14895

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Switch Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2043	* *	5	$100	
Molded Case Bkrs	50%			2043	* *	5	$400	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$700	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%	4+	$1,400	2038	* *	5	$100	
Corroded, Extent : Light, Area Affected : 2%								
Location : Roof And Penthouse								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$9,700	
Generators								
Diesel	100%			2036	* *	1	$12,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 100 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$1,200	
Fuel Storage								
Day Tank	50%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 50 Gallons								
Main Tank	50%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5,000 Gallons								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$458,500	10	$28,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 51 (ECC) - Q
Asset # : 14895

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2033	$9,700	1		
Exit, Service	50%			2033	$6,800	1		
Exterior Lighting								
HID	20%			2033	$29,300	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$58,900	1	$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$19,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Manual Pull Boxes, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Heat Exchanger, Shell & Tube	10%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Steam Used To Heat Glycol								
Steam Boiler	90%			2038	* *	1	$28,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	95%			2041	* *	4	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : All Floors								
Explanation : Glycol Used For Heating And Cooling								
Hot Wtr Piping/Pump	5%	0-2	$1,400	2041	* *	4	$100	
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Building Management System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 (ECC) - Q

Asset # : 14895

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2033	$88,600	1	$2,900	
Convector/Radiator	5%			2038	* *	1	$500	
Fan Coil Unit/Heat	80%			2033	$622,500	1	$8,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2033	$463,000	1	$14,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2043	* *	4	$1,500	
Terminal Devices								
Air Handler/Cool/Ht	10%			2033	$60,900	1	$1,900	
Fan Coil - 2 Pipe	80%			2033	$765,900	1	$8,100	
No Component	10%							
Heat Rejection								
Dry Cooler	100%	2-4	$72,000	2043	* *	2	$17,500	
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Beyond Useful Life								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,700	
Exhaust Fans								
Interior	15%			2033	$20,900	2	$100	
Roof	15%			2033	$9,100	2	$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One Tankless Unit With A 200 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$6,300	4	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 (ECC) - Q

Asset # : 14895

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : One Elevator								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$15,800	
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$300	
Chemical System								
Generic	100%	0-2	$2,000	2033	$40,800	1-3	$34,500	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 528 - M (I. S. 528 - M)**		
Address	: **180 WADSWORTH AVENUE BTWN: WEST 182 ST., WEST 183 S**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M528**
Program / Asset #	: **BOE0139.000 / 1630**	**Yr Built/Renovated**	: **1925 / 2014**
Area Sq Ft	: **21,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **2164** **Lot** : **32**	**BIN**	: **1063928**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$115,300	$70,000
Interior Architecture	$71,100	
Electrical		$411,000
Mechanical		$207,200
Total	**$186,400**	**$688,300**
Importance Code A	$115,300	$70,000
Importance Code B	$71,100	$618,300
Total	**$186,400**	**$688,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$12,300	$3,300	
Interior Architecture	$115,300			$2,800
Electrical	$1,600	$600	$600	$500
Mechanical	$20,600	$4,800	$12,000	$3,100
Site Enclosure	$6,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$147,700**	**$21,700**	**$19,900**	**$10,300**
Importance Code A	$2,200	$14,400	$5,400	$2,100
Importance Code B	$88,000	$7,300	$14,500	$8,200
Importance Code C	$57,600			
Total	**$147,700**	**$21,700**	**$19,900**	**$10,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$115,300	LIFE	* *	5	$70,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor West Side								
Masonry: Granite	5%			LIFE	* *	5	$2,900	
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%			2046	* *	5	$6,600	
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$1,400	
Masonry: Limestone	15%			LIFE	* *	5	$600	
Metal Cornice	5%			2058	* *	10	$500	
Stucco Cement	35%			2043	* *	5	$2,800	
Roof								
Built-Up (BUR)	98%			2035	* *	10	$12,300	
Skylight, Metal/Glass	2%			2050	* *	10	$800	
Interior								
Floors								
Ceramic Tile	5%	Now	$1,700	2039	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Staff Toilets Throughout								
Sheet Vinyl/Rubber	5%	2-4	$1,900	2035	* *	5	$1,100	
Seams Open/Split, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Vinyl Tile	75%	Now	$30,500	2035	* *	3	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout Corridors								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Corridors And Cafeteria Throughout								
Wood	15%			2058	* *	5	$8,300	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$2,900	
Glass Block	2%			LIFE	* *			
Gypsum Board	45%			LIFE	* *	5	$15,600	
SGFT/Glazed Masonry	48%	0-2	$49,800	LIFE	* *			
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Stair At 2nd Floor								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Stair At 2nd Floor								
Explanation : Efflorescence In Stair								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	75%	Now	$71,100	2050	* *	5	$13,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 402, 403, 406								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
AcousTileSusp.Lay-In	20%	Now	$29,400	2043	* *	5	$2,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	5%	Now	$500	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Classroom Closet								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Classroom Closet								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$6,300	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 40%								
Location : Throughout Activity Yard								
Explanation : Efflorescence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	30%	4+	$100	2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$100	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5		
Molded Case Bkrs	95%			2038	* *	5	$500	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	4+	$1,000	LIFE	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement								
Explanation : Bus Bar Painted								
Lighting								
Interior Lighting								
Fluorescent	100%			2030	$313,000	10	$19,300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 30%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 70%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2030	$17,600	10	$2,500	
Exit, Service	50%			2030	$4,500	1		
Exterior Lighting								
HID	100%			2030	$98,000	10	$100	
Damaged Fixtures, Extent : Light, Area Affected : 10%								
Location : Southeast Roof Parapet Lighting Fixture Head Damaged								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2035	* *	1-3	$5,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2050	* *	1		
Interruptible Gas/Dual Fuel	90%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 3,000 Gallon Tank For No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$20,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Convector/Radiator	100%			2035	* *	1	$6,800	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	90%			2030	$207,200	2	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units								
Split Unit	10%			2030	$49,900			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$27,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$11,700	
Exhaust Fans								
Roof	100%			2030	$40,700	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		

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DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$1,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Kitchen								
Explanation : Serves Basement And Kitchen Areas								
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 53 - BX**		
Address	: **360 EAST 168 STREET BTWN: FINDLAY AVE - TELLER AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X053**
Program / Asset #	: **BOE0195.000 / 142**	**Yr Built/Renovated**	: **1913 / 2013**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2435** **Lot** : **75**	**BIN**	: **2002299**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$82,600
Interior Architecture	$1,056,600	$59,800
Electrical	$226,500	$302,200
Mechanical	$360,500	$415,700
Site Pavements	$126,800	
Total	**$1,770,500**	**$860,300**
Importance Code A		$82,600
Importance Code B	$1,657,000	$777,700
Importance Code C	$113,500	
Total	**$1,770,500**	**$860,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,800		$49,300	
Interior Architecture	$51,600	$1,200	$2,500	$7,500
Electrical	$5,500	$4,300	$53,800	$5,600
Mechanical	$49,800	$9,100	$22,100	$10,600
Total	**$108,700**	**$14,600**	**$127,700**	**$23,700**
Importance Code A	$8,000	$6,100	$55,500	$6,300
Importance Code B	$94,300	$7,300	$72,300	$17,400
Importance Code C	$6,400	$1,200		
Total	**$108,700**	**$14,600**	**$127,700**	**$23,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$82,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Masonry: Granite	2%			LIFE	* *	5	$1,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Windows								
Aluminum	100%			2053	* *	5	$21,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall								
Masonry: Brick	90%			LIFE	* *	5	$8,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Roof Parapet Wall								
Roof								
Built-Up (BUR)	98%			2036	* *	10	$49,300	
Metal Panel	2%			2044	* *	10	$1,800	
Interior								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$17,000	LIFE	* *	5	$21,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	4%			2044	* *	5	$4,000	
Ceramic Tile	1%	Now	$22,500	2046	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Mosaic Tile	2%			2036	* *	5	$5,000	
Marble Panels	1%			LIFE	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Main Entrance Lobby								
Explanation : Marble Panel Steps								
Terrazzo	2%	4+	$3,700	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%	Now	$528,000	2041	* *	3	$22,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Classrooms And Corridors								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Classrooms And Corridors								
Wood	20%	4+	$356,900	2046	* *	5	$18,700	
Deteriorated Finish, Extent : Severe, Area Affected : 70%								
Location : Classrooms								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	2%	0-2	$6,400	2034	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stairways								
Ceramic Tile	2%			2040	* *	5	$2,300	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	2%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Marble Panels	1%			LIFE	* *			
Plaster	80%	Now	$113,500	LIFE	* *	5	$28,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th And 5th Levels Of Stair No.2, 5th Floor Classrooms								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
Exposed Struc: Steel	2%			LIFE	* *			
Metal Panel	2%			LIFE	* *	5	$2,500	
Plaster	96%	2-4	$58,200	LIFE	* *	5	$59,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	40%			2051	* *			
Iron Picket	60%			2066	* *			
Retaining Walls								
Cast in Place Concrete	10%			2051	* *			
Masonry: Fieldstone	90%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%	Now	$126,800	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Play Yard								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$300	
Raceway								
Conduit	70%			2031	$101,200	1		
Conduit	30%			2057	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$9,000	5	$100	
Molded Case Bkrs	80%			2053	* *	5	$1,300	
Molded Case Bkrs	15%			2030	$26,900	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2057	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$119,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$54,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$14,700	10		
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$7,500	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	10%			2026	$28,900	10		
HID	20%	Now	$57,900	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Of The Building								
Explanation : Not Functioning								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$34,900	1	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$39,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$19,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$61,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers. Approximately Half Of The Thermostat Not Working								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%			2051	* *	4	$3,100	
Terminal Devices								
Convector/Radiator	90%			2036	* *	1	$18,000	
Fan Coil Unit/Heat	10%			2036	* *	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%	0-2	$196,100	2029	$196,100	2	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Cafeteria.								
Explanation : Defective Colling Unit For The Gymnasium And Cafeteria								
Split Unit	10%			2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Distribution Frame And Kitchen								
Explanation : Split Unit For The Main Distribution And Kitchen Area								
Window/Wall Unit	70%			2026	$164,400	1		
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$13,800	
No Component	60%							
Exhaust Fans								
Interior	20%	Now	$16,500	2031	$55,000	2	$300	
Unit Inoperable, Extent : Severe, Area Affected : 15%								
Location : Auditorium Blower Located In Basement								
Roof	80%	Now	$19,200	2031	$96,200	2	$1,200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Explanation : 6 Exhaust Fans At The Roof Malfunctioning								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Water Meter Is Grounded								
Water Heater With Tanks								
Gas Fired	100%			2029	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$5,000	2031	$12,400	4	$1,300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Three Out Of Service And Two Pumps On Extended Life.								
Backflow Preventer								
No Component	95%							
Generic	5%			2039	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Boiler Feed								
Explanation : Serves Boiler Feed Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2051	* *	1-2	$900	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Various								
Explanation : Partial Sprinklers In Building								
Chemical System								
No Component	90%							
Generic	10%			2029	$12,200	1-3	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 53 - BX MINISCHOOL - EAST**		
Address	: **E. 168 STREET AND TELLER AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X874**
Program / Asset #	: **BOE0195.020 / 2877**	**Yr Built/Renovated**	: **1970 / 1998**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2435** **Lot** : **75**	**BIN**	: **2002299**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$623,000	
Interior Architecture	$50,500	$2,784,100
Electrical		$71,700
Mechanical	$157,900	$189,800
Total	**$831,500**	**$3,045,500**
Importance Code A	$623,000	
Importance Code B	$208,500	$3,045,500
Total	**$831,500**	**$3,045,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$11,600			$1,900
Electrical	$1,100	$1,000	$24,400	$1,000
Mechanical	$39,000	$600	$24,300	$600
Site Pavements	$15,700			
Total	**$67,300**	**$1,600**	**$48,700**	**$3,500**
Importance Code A	$37,300	$600	$600	$600
Importance Code B	$30,000	$1,000	$48,100	$2,900
Importance Code C				
Total	**$67,300**	**$1,600**	**$48,700**	**$3,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - EAST
Asset # : 2877

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$4,500	
Metal Panel	95%	Now	$57,100	2041	* *	5	$32,300	
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : All Facades								
Windows								
Aluminum	100%	Now	$89,200	2056	* *	5	$900	1
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$476,700	2051	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Classrooms, Electrical Room, Toilets								
Soffits								
Alum/Vinyl Siding	100%			2051	* *	10	$500	
Interior								
Floors								
Mosaic Tile	5%	0-2	$3,700	2044	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Vinyl Tile	5%			2036	* *	3	$400	
Vinyl Tile 9" X 9"	90%	Now	$50,500	2031	$2,527,300	3	$5,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Interior Walls								
Concrete Masonry Unit	40%			LIFE	* *	5	$4,200	
Metal Panel	60%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2029	$256,800	5	$15,400	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Asphalt	95%			2034	* *			
Cast in Place Concrete	5%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - EAST
Asset # : 2877

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	0-2	$15,700	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Play Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Raceway								
Conduit	100%			2031	$25,700	1		
Panelboards								
Fused Disc Sw	50%			2030	$20,000	5	$100	
Molded Case Bkrs	50%			2030	$20,000	5	$200	
Wiring								
Thermoplastic	100%			2031	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$1,400	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	30%			2026	$16,800	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$6,800	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - EAST
Asset # : 2877

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%	0-2	$37,300	2041	* *	1	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : Two Duct Mounted Gas Fired Furnaces								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Ductwork Is For Heating, Cooling And Ventilation								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%	0-2	$94,900	2029	$189,800	2	$600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Temperature Control System								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : Two Evaporators Split Air Conditioning Unit On Extended Life. Defective Thermostat And Or Defective Damper Actuator								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$15,600	
Heat Rejection								
Evaporative Condenser	100%			2026	$63,000	2	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : Two Air Cooled Condensers On Extended Life								
Ventilation								
Exhaust Fans								
Roof	20%			2031	$4,700	2	$100	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - EAST
Asset # : 2877

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 53 - BX MINISCHOOL - WEST**		
Address	: **E 168 STREET AND FINDLAY AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X851**
Program / Asset #	: **BOE0195.010 / 486**	**Yr Built/Renovated**	: **1970 / 1998**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2435** **Lot** : **75**	**BIN**	: **2002299**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$146,300	
Interior Architecture		$2,555,400
Electrical		$71,700
Mechanical	$57,000	$285,000
Site Pavements	$100,100	
Total	**$303,300**	**$2,912,000**
Importance Code A	$146,300	
Importance Code B	$157,100	$2,912,000
Total	**$303,300**	**$2,912,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$47,700			
Interior Architecture	$23,700	$1,800		
Electrical	$1,100	$1,000	$24,400	$1,000
Mechanical	$600	$600	$5,400	$600
Total	**$73,000**	**$3,400**	**$29,800**	**$1,600**
Importance Code A	$48,300	$600	$600	$600
Importance Code B	$7,600	$2,800	$29,200	$1,000
Importance Code C	$17,200			
Total	**$73,000**	**$3,400**	**$29,800**	**$1,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - WEST
Asset # : 486

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$4,500	
Metal Panel	95%	Now	$57,100	2041	* *	5	$32,300	1
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : At Base								
Deformed/Dented, Extent : Moderate, Area Affected : 40%								
Location : All Facades								
Painted Surfaces, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Windows								
Aluminum	100%	Now	$89,200	2056	* *	5	$900	1
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$47,700	2044	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Toilet Room, Fan Room								
Soffits								
Alum/Vinyl Siding	100%			2051	* *	10	$500	
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$700	
Mosaic Tile	7%			2044	* *	5	$2,800	
Vinyl Tile 9" X 9"	91%			2031	$2,555,400	3	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	35%	0-2	$17,200	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	65%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$5,100	2036	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - WEST
Asset # : 486

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	95%			2034	* *			
Cast in Place Concrete	5%			2044	* *			
Activity Yard								
Asphalt	10%			2034	* *			
Rubber Matting	90%	4+	$100,100	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Play Yard Matting								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Play Yard Matting								
Explanation : Loose Sections								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Rated At 600 Amperes.								
Raceway								
Conduit	100%			2031	$25,700	1		
Panelboards								
Fused Disc Sw	15%			2030	$6,000	5		
Molded Case Bkrs	85%			2030	$33,900	5	$300	
Wiring								
Thermoplastic	100%			2031	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$1,400	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	30%			2026	$16,800	10		
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - WEST
Asset # : 486

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$6,800	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations, Alarm Bells, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	100%			2031	$37,300	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Duct Mounted, Gas Fired Furnaces								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	100%	Now	$57,000	2031	$285,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Classroom								
Explanation : Defective Thermostat And Defective Damper Actuator								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$15,600	
Ventilation								
Exhaust Fans								
Roof	20%			2031	$4,700	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - WEST
Asset # : 486

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	100%			2030	$23,600	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Heater Room								
Explanation : One 52 Gallon Unit Electric Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 54 - BX**		
Address	: **2703 WEBSTER AVE. @E. 197 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X054**
Program / Asset #	: **BOE1008.000 / 4515**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **80,484**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3278** **Lot** : **33**	**BIN**	: **2016383**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$88,200	$539,100
Interior Architecture	$402,000	$3,039,200
Electrical	$72,300	$2,907,700
Mechanical	$1,155,800	$7,876,400
Site Pavements	$111,300	
Total	**$1,829,700**	**$14,362,500**
Importance Code A	$88,200	$539,100
Importance Code B	$1,339,400	$13,755,200
Importance Code C	$402,000	$68,200
Total	**$1,829,700**	**$14,362,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,800		$14,000	
Interior Architecture	$217,500		$6,100	$12,200
Electrical	$93,800	$13,100	$16,800	$15,700
Mechanical	$148,600	$76,600	$73,100	$122,400
Site Enclosure	$10,200			
Site Pavements	$71,300			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$612,000**	**$94,600**	**$114,800**	**$155,200**
Importance Code A	$72,800	$7,000	$21,000	$7,000
Importance Code B	$483,700	$87,600	$89,600	$148,200
Importance Code C	$55,500		$4,300	
Total	**$612,000**	**$94,600**	**$114,800**	**$155,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$176,400	
Metal Panel	2%			2043	* *	5-10	$12,500	
Pre-Cast Concrete	1%			LIFE	* *	5	$5,900	
Windows								
Aluminum	100%			2041	* *	5	$28,000	
Parapets								
Masonry: Brick	90%	2-4	$42,600	LIFE	* *	5	$6,700	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 3%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Main Roof								
Pre-Cast Concrete	10%	2-4	$3,000	LIFE	* *	5	$4,700	
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : Throughout Coping								
Roof								
Built-Up (BUR)	90%	Now	$9,000	2033	$450,900			
Miss/Damaged Flashings, Extent : Light, Area Affected : 2%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Roof								
Cast in Place Concrete	8%			LIFE	* *	10	$5,700	
Metal Panel	2%	4+	$2,500	2038	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Soffits								
Stucco Cement	100%			2038	* *	5		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	3%	4+	$3,200	2029	$63,900	3	$5,400	
Worn/Eroded, Extent : Light, Area Affected : 2%								
Location : Library								
Cast in Place Concrete	5%	4+	$25,600	LIFE	* *	5	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2036	* *	5	$3,600	
Poured Epoxy/Resin	10%	2-4	$13,500	2028	$674,900			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Science Laboratory								
Quarry Tile	5%			2038	* *	5	$9,000	
Terrazzo	2%			LIFE	* *	5	$3,800	
Vinyl Tile	69%	4+	$45,900	2033	$2,296,200	3	$31,200	
Cracking/Crumbling, Extent : Light, Area Affected : 3%								
Location : Cafeteria And Throughout								
Wood	3%			2048	* *	5	$6,800	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$8,500	
Concrete Masonry Unit	28%	2-4	$149,500	LIFE	* *	5	$31,800	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Corridor Behind Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Corridor Behind Auditorium								
Glass: Single Pane	2%			LIFE	* *	5	$8,500	
Gypsum Board	40%			LIFE	* *	5-10	$193,100	
SGFT/Glazed Masonry	25%	4+	$127,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Stairs								
Wood	2%			LIFE	* *	5	$45,400	
Ceilings								
AcousTileConcealSpLn	25%	Now	$23,700	2038	* *	5	$18,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
AcousTileSusp.Lay-In	60%	4+	$23,500	2038	* *	5	$35,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Corridor Behind Auditorium								
Exposed Struc: Steel	5%			LIFE	* *	10	$11,800	
Gypsum Board	8%			LIFE	* *	5-10	$32,400	
Wood	2%			LIFE	* *	5	$41,300	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	70%	4+	$6,200	2068	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	30%	2-4	$4,000	2053	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Peeling Paint								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$17,500	2046	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Various Locations Along Sidewalk								
On-Site Walkways								
Cast in Place Concrete	75%	0-2	$18,300	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Entry Ramp And Stairs, Play Yard Stair								
Pavers/Stone	25%			2036	* *			
Activity Yard								
Asphalt	40%	Now	$35,400	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Activity Yard								
Pavers/Stone	60%	Now	$111,300	2042	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : Plaza Area In Rear Of Buildings								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 0ne 4,000 Ampere, One 1,600 Ampere, One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch For Emergency								

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2031	$26,700	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Kil-volt-ampere, 480/277 Hv- 208/120 Lv, One 112.5 Kilovolt-ampere, 480hv-208/120lv And One 45 Kilovolt-ampere, 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$227,600	5	$300	
Raceway								
Conduit	100%			2033	$201,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	90%			2032	$215,500	5	$1,900	
Wiring								
Thermoplastic	100%			2033	$291,700	1		
Motor Controllers								
Locally Mounted	15%			2038	* *	5	$100	
Locally Mounted	5%	2-4	$6,000	2053	* *	5		
Corroded, Extent : Light, Area Affected : 100%								
Location : Roof								
Motor Control Center	78%			2031	$230,400	5	$1,700	
Variable Frequency Drive	2%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$26,800	1	$24,800	
Generators								
Diesel	100%			2029	$138,700	1	$31,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One 230 Kilowatt								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$17,900	
Fuel Storage								
Day Tank	50%			2032	$12,800	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One 50 Gallon								
Main Tank	50%			2036	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One 275 Gallon								
Explanation : Basement								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2028	$1,139,800	10	$70,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2028	$36,000	10	$2,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Kitchen And Lobby								
LED	2%	Now	$44,600	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Lighting Motion Sensors Are Not Working								
Egress Lighting								
Emergency, Battery	50%			2028	$67,500	10	$9,700	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
Fluorescent	1%			2028	$3,200	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Building Canopy								
HID	7%			2028	$26,300	10		
LED	2%	Now	$8,600	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Building Exterior Walls								
Explanation : Lights Are On During The Day Time. Lighting Control Is Not Working								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2036	* *	5	$500	
Alarm								
Security System								
Generic	100%			2028	$151,100	1	$30,100	
Fire/Smoke Detection								
Generic, Digital	100%			2028	$207,600	1-3	$51,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5,000 Gallons								

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Plate & Frame	25%			2036	* *	1	$10,000	
Steam Boiler	75%			2038	* *	1	$59,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	75%			2041	* *	4	$4,500	
Steam Piping/Pump	25%			2043	* *			
Terminal Devices								
Air Handler	25%			2033	$378,600	1	$12,400	
Fan Coil Unit/Heat	75%			2033	$1,496,600	1	$19,500	
Controls								
Digital	100%	Now	$1,155,800	2028	$2,311,500			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : System Does Not Work And Runs Manually								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2028	$1,187,400	1	$37,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2043	* *	4	$4,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2033	$1,561,700	1	$49,800	
Heat Rejection								
Dry Cooler	100%			2033	$369,300	2	$56,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,100	
Exhaust Fans								
Interior	20%			2038	* *	2	$500	
Roof	80%			2038	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2046	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$14,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : North Side Playground								
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,700	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,200	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,900	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2028	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2033	$15,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Unit. Quantity 1								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$40,600	
Sprinkler								
Generic	100%			2053	* *	1-2	$22,500	
Fire Pump								
Generic	100%			2036	* *	1	$15,000	
Chemical System								
Generic	100%			2028	$571,200	1-3	$566,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood 140 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 54 - Q MINISCHOOL**
Address : **86-02 127TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE1163.000 / 14909**
Area Sq Ft : **10,155**
Date of Survey : **04-Mar-2022**
Areas Surveyed : **Roof, Floors 1**
Block : **9280** **Lot** : **1**

Agency's Number : **Q864**
Yr Built/Renovated : **1992 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$60,500
Electrical		$151,400
Mechanical		$292,600
Site Pavements	$127,400	
Total	**$127,400**	**$504,500**
Importance Code A		$60,500
Importance Code B	$127,400	$444,000
Total	**$127,400**	**$504,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,100			
Interior Architecture	$93,300			$1,700
Electrical	$1,300	$900	$1,100	$1,100
Mechanical	$5,900	$4,100	$3,400	$4,100
Site Enclosure	$26,400			
Total	**$175,000**	**$5,000**	**$4,500**	**$6,900**
Importance Code A	$49,100	$1,000	$1,000	$1,000
Importance Code B	$80,100	$4,000	$3,400	$5,900
Importance Code C	$45,800			
Total	**$175,000**	**$5,000**	**$4,500**	**$6,900**

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DEPARTMENT OF EDUCATION - 040
P. S. 54 - Q MINISCHOOL
Asset # : 14909

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$15,100	
Masonry: Brick	55%			LIFE	* *	5	$33,300	
Painted Surfaces, Extent : Light, Area Affected : 40%								
Location : Exterior Wall								
Metal Panel	40%			2053	* *	5-10	$83,200	
Windows								
Aluminum	100%			2049	* *	5	$4,600	
Roof								
Metal Panel	80%	Now	$21,600	2046	* *			
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Classroom								
Modified Bitumen	5%			2038	* *	10	$1,900	
Skylight, Metal/Glass	15%			2053	* *	10	$18,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$3,300	
Ceramic Tile	5%	2-4	$25,700	2042	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Toilets								
Vinyl Tile	90%	Now	$18,900	2038	* *	3	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridors And Exits								
Interior Walls								
Concrete Masonry Unit	45%			LIFE	* *	5	$12,200	
Gypsum Board	25%			LIFE	* *	5-10	$14,400	
SGFT/Glazed Masonry	30%	Now	$18,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Corner At Corridor Intersection								
Ceilings								
AcousTileSusp.Lay-In	60%	Now	$3,200	2046	* *	5	$4,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Classrooms								
Gypsum Board	15%			LIFE	* *	5-10	$8,300	
Metal Panel	25%			LIFE	* *	5	$10,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	2-4	$12,200	2068	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Perimeter Fence								

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DEPARTMENT OF EDUCATION - 040
P. S. 54 - Q MINISCHOOL
Asset # : 14909

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$14,200	2053	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Hillside Avenue And 126th Street								
Site Pavements								
On-Site Walkways								
Asphalt	100%			2042	* *			
Activity Yard								
Rubber Matting	100%	Now	$127,400	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Playground Along Hillside Avenue								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Playground Along Hillside Avenue								
Tripping Hazard, Extent : Severe, Area Affected : 20%								
Location : Playground Along Hillside Avenue								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$300	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5		
Molded Case Bkrs	95%			2041	* *	5	$300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 54 - Q MINISCHOOL
Asset # : 14909

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$136,200	10	$8,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2033	$15,100	10	$900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 1st Floor Hallway								
Egress Lighting								
Emergency, Battery	50%			2033	$8,500	10	$1,200	
Exit, Service	50%			2033	$2,200	1		
Exterior Lighting								
HID	20%			2033	$9,500	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$19,100	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Mechanical, Electrical Room And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$26,200	1-3	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Manual Pull Boxes, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$10,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Air Handler	50%			2033	$95,600	1	$3,100	
Convector/Radiator	50%			2046	* *	1	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 54 - Q MINISCHOOL
Asset # : 14909

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2038	* *	1	$4,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Boiler Room								
Terminal Devices								
Air Handler/Cool/Ht	100%			2033	$197,000	1	$6,300	
Heat Rejection								
Air Cooled Condenser Unit	100%			2033	$29,400	2	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,000	
Exhaust Fans								
Interior	90%			2033	$40,500	2	$300	
Roof	10%			2033	$2,000	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 80 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 54 - SI**		
Address	: **1060 WILLOWBROOK ROAD @SUNSET AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R054**
Program / Asset #	: **BOE0939.000 / 1415**	**Yr Built/Renovated**	: **1970 / 2013**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1987** **Lot** : **104**	**BIN**	: **5034476**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$349,700	$113,700
Interior Architecture	$2,847,500	$9,539,800
Electrical	$59,900	$1,033,900
Mechanical	$1,488,700	$1,513,200
Site Pavements		$78,600
Total	**$4,745,800**	**$12,279,300**
Importance Code A	$349,700	$750,800
Importance Code B	$3,287,700	$11,528,500
Importance Code C	$1,108,400	
Total	**$4,745,800**	**$12,279,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$127,700			
Interior Architecture	$164,300			$9,600
Electrical	$9,200	$7,000	$7,400	$8,900
Mechanical	$136,300	$10,300	$16,100	$16,100
Site Enclosure	$35,600			
Site Pavements	$42,800			
Total	**$515,800**	**$17,300**	**$23,500**	**$34,700**
Importance Code A	$135,000	$7,200	$7,200	$7,200
Importance Code B	$238,100	$10,000	$16,200	$27,400
Importance Code C	$142,800			
Total	**$515,800**	**$17,300**	**$23,500**	**$34,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$63,200	
Masonry: Brick	90%			LIFE	* *	5	$227,400	
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : South Yard								
Explanation : Gymnasium Addition Under Construction.								
Masonry: Limestone	5%			LIFE	* *	5	$9,500	
Windows								
Aluminum	95%	Now	$30,500	2041	* *	5	$16,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Classrooms								
Metal Louvers	5%	0-2	$93,400	2048	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	55%			LIFE	* *	5-10	$90,200	
Masonry: Limestone	25%			LIFE	* *	5-10	$73,100	
Metal: Cage/Fence	20%			2038	* *	5-10	$37,100	
Roof								
Metal Panel	5%			2038	* *	10	$8,400	
Modified Bitumen	95%	Now	$47,700	2038	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Upper Roof								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Entry Canopy								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Vestibule Roof At Exit 2								
Soffits								
Cast in Place Concrete	75%			LIFE	* *	5	$23,400	
Cement - Fiber Panel	25%	Now	$1,500	2033	$15,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Entrance								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$47,900	
Ceramic Tile	5%	2-4	$30,800	2036	* *	5	$2,700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Girls Restroom								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Toilets								
Quarry Tile	5%	Now	$80,500	2038	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	7%	0-2	$143,200	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 75%								
Location : Stair Treads Throughout								
Vinyl Tile	25%	Now	$15,100	2028	$755,500	3	$10,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	45%	Now	$434,400	2033	$8,688,600	3	$18,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	3%			2048	* *	5	$6,200	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$31,700	
Ceramic Tile	5%	Now	$34,900	2036	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Bathrooms								
Concrete Masonry Unit	10%	Now	$59,600	LIFE	* *	5	$5,100	
Vertical Cracks, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Store Room								
Folding Partition	5%	Now	$877,900	2058	* *	5	$7,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Separates Auditorium And Cafeteria								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Separates Auditorium And Cafeteria								
Plaster	40%			LIFE	* *	5-10	$43,100	
SGFT/Glazed Masonry	30%	Now	$170,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2038	* *	5	$10,900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Metal Panel	70%	Now	$1,014,500	LIFE	* *	5	$95,700	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Plaster	20%	Now	$66,500	LIFE	* *	5	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 90%								
Location : Stairs And Cellar								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2043	* *			
Iron Picket	25%	2-4	$35,600	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$12,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Front Entry								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	90%	2-4	$29,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Rubber Matting	10%			2033	$78,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 200 Ampere Emergency Lighting Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	$156,100	5	$300	
Fused Disc Sw	20%			2059	* *	5	$100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2033	$130,100	1		
Conduit	10%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	80%			2032	$143,700	5	$1,600	
Molded Case Bkrs	10%			2055	* *	5	$200	
Wiring								
Braided Cloth	30%	0-2	$59,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	60%			2033	$119,800	1		
Thermoplastic	10%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$63,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2028	$20,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fan Room								
Explanation : Incandescent Lights								
LED	4%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$8,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exit, Service	40%			2041	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Exit, Service	10%			2028	$3,200	1		
Exterior Lighting								
LED	10%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Exterior Of The Building								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$138,900	1	$27,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Camera, Motion Sensors And Intrusion Alarms								
Fire/Smoke Detection								
Generic, Analog	85%			2028	$162,200	1-3	$39,900	
Generic, Digital	15%			2041	* *	1-3	$6,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Under Construction								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	99%			2043	* *	5	$22,400	
Natural Gas	1%			2043	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Gas Service For Boiler Ignition								
Conversion Equipment								
Steam Boiler	100%			2031	$637,100	1	$72,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$58,500	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Condensate Vacuum Pump								
Terminal Devices								
Air Handler	20%	Now	$5,500	2033	$275,100	1	$8,100	
Convector/Radiator	80%	0-2	$23,900	2038	* *	1	$17,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Steam Trap Faulty								
Controls								
Pneumatic	100%	Now	$28,600	2027	$1,430,200			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Unit Controls								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2033	$173,600			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Main Distribution Frame Room								
Explanation : 4 Units For Auditorium And 1 Unit For Main Distribution Frame Room								
Window/Wall Unit	90%			2028	$249,200	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Exhaust System Serves Classrooms, Toilet Rooms, Kitchen, And Other Areas								
Exhaust Fans								
Interior	20%			2033	$64,800	2	$500	
Roof	80%			2028	$113,500	2	$1,800	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Water Mains								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$7,200	
Sanitary Piping								
Cast Iron	100%	Now	$46,000	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 5%								
Location : Stage Sink Drain Pipe And 1st Floor Teachers Bathroom Pipe								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2027	$2,300	4	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 55 - BX**		
Address	: **450 SAINT PAUL'S PLACE @WASHINGTON AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X055**
Program / Asset #	: **BOE0196.000 / 487**	**Yr Built/Renovated**	: **1916 / 2013**
Area Sq Ft	: **123,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2902** **Lot** : **1**	**BIN**	: **2009463**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$317,500
Interior Architecture	$835,300	$2,035,600
Electrical	$157,700	$643,900
Mechanical	$1,090,500	$1,602,000
Site Pavements	$117,900	
Total	**$2,201,300**	**$4,599,000**
Importance Code A		$317,500
Importance Code B	$2,065,200	$4,281,500
Importance Code C	$136,100	
Total	**$2,201,300**	**$4,599,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$49,600		$22,400	$27,800
Interior Architecture		$6,100	$13,000	$8,500
Electrical	$3,000	$4,100	$4,100	$65,400
Mechanical	$18,500	$17,700	$26,500	$29,600
Site Pavements	$42,700			
Total	**$113,900**	**$27,900**	**$65,900**	**$131,300**
Importance Code A	$61,800	$12,200	$34,500	$40,300
Importance Code B	$33,300	$13,600	$31,400	$91,000
Importance Code C	$18,800	$2,100		
Total	**$113,900**	**$27,900**	**$65,900**	**$131,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,500	
Copper/Terne	5%			2076	* *	10	$22,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof Bulkheads								
Masonry: Brick	85%			LIFE	* *	5	$162,200	
Sidewalk Shed in Use, Extent : Light, Area Affected : 50%								
Location : All Facades								
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Windows								
Aluminum	100%			2057	* *	5	$55,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Facades								
Explanation : Installation In Progress 90 Percent Complete								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$18,800	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Masonry: Limestone	3%			LIFE	* *	5	$800	
Pre-Cast Concrete	7%			LIFE	* *	5	$9,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Roof								
Built-Up (BUR)	5%	Now	$49,600	2042	* *			
Gravel/Slag Surface, Extent : Severe, Area Affected : 100%								
Location : Auditorium Roof								
Water Penetration, Extent : Severe, Area Affected : 90%								
Location : Auditorium Roof								
Worn/Eroded, Extent : Severe, Area Affected : 75%								
Location : Auditorium Roof								
Modified Bitumen	95%			2040	* *	10	$80,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Entrance								
Explanation : Painted Surface								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2031	$141,100	3	$12,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Charter School Classrooms								
Explanation : Charter School								
Cast in Place Concrete	10%			LIFE	* *	5	$34,900	
Ceramic Tile	5%			2041	* *	5	$8,000	
Vinyl Tile	25%	Now	$330,500	2042	* *	3	$15,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Rooms 211, 311, 411,510 And Corridors, Stair Landings, Auditorium								
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Auditorium And Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Corridors, Auditorium								
Vinyl Tile	45%			2032	$1,982,900	3	$26,900	
Vinyl Tile 9" X 9"	5%	Now	$70,400	2042	* *	3	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Corridors, Classrooms And Throughout								
Wood	5%	2-4	$95,100	2035	* *	5	$7,500	
Deteriorated Finish, Extent : Severe, Area Affected : 90%								
Location : Auditorium								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Auditorium								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$4,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	80%	Now	$83,100	LIFE	* *	5	$20,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Exit 13 And 11 Back Of Auditorium								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Exit 13 And 11 Back Of Auditorium								
Ceilings								
AcousTileSusp.Lay-In	5%			2037	* *	5	$5,000	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,500	
Plaster	85%	Now	$256,200	LIFE	* *	5	$52,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Exit 11 And 13 Back Of Auditorium, 6th Floor Roof Entrance, Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stairway At Exit 13, 11 And 9, Classrooms 502, 503 And 402								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2042	* *			
Iron Picket	50%			2052	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	5%			2067	* *			
Masonry: Fieldstone	95%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$64,900	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$18,800	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Park Avenue								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$53,000	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Park Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Park Avenue								
Activity Yard								
Asphalt	25%			2041	* *			
Rubber Matting	75%	Now	$24,000	2037	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Play Yard								
Explanation : Open Seams								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	70%			2032	$170,600	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$21,000	5	$200	
Fused Disc Sw	3%			2048	* *	5	$100	
Molded Case Bkrs	60%			2031	$179,600	5	$1,900	
Molded Case Bkrs	30%			2048	* *	5	$1,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	30%			2052	* *	1		
Thermoplastic	70%			2032	$239,300	1		
Motor Controllers								
Locally Mounted	30%			2030	$54,400	5	$200	
Locally Mounted	70%			2045	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$106,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	6%			2037	* *			
Egress Lighting								
Emergency, Battery	25%			2027	$51,600	10	$7,400	
Emergency, Battery	25%			2037	* *	10	$7,400	
Exit, Service	45%			2027	$23,900	1		
Exit, Service	5%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Cameras								
Generic	10%			2027	$23,100	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$22,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Bell, Horn, Strobe Lights, Smoke Detector Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$121,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$69,200	2042	* *	4	$6,100	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Broken Insulation. Feed Water Piping.								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Condensate Return Piping Behind The Boilers And Pumps								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement. Chemical Mixing Tank Is Not Working								
Terminal Devices								
Air Handler	20%	Now	$231,500	2032	$462,900	1	$13,700	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Fan Room								
Convector/Radiator	70%			2030	$704,100	1	$27,800	
Unit Heater - Steam	10%			2032	$69,900	4	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Auditorium								
Window/Wall Unit	70%			2027	$326,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,600	
Exhaust Fans								
Interior	85%			2027	$463,700	2	$3,200	
Roof	10%			2037	* *	2	$400	
Roof	5%			2027	$11,900	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$314,100	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$2,500	2032	$24,600	4	$2,600	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	50%							
Generic	50%			2037	* *	1	$3,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$51,000	1-2	$1,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 56 - BX NORWOOD HEIGHTS**		
Address	: **341 EAST 207 STREET BTWN: DECATUR AVE - HULL AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X056**
Program / Asset #	: **BOE0197.000 / 2694**	**Yr Built/Renovated**	: **1915 / 2008**
Area Sq Ft	: **30,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **3351** **Lot** : **1**	**BIN**	: **2018457**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$422,100
Total		**$422,100**
Importance Code B		$422,100
Total		**$422,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,600			$6,900
Interior Architecture	$16,000			$3,600
Electrical	$4,700	$4,100	$8,400	$4,800
Mechanical	$47,800	$12,700	$29,000	$12,900
Total	**$70,000**	**$16,800**	**$37,500**	**$28,300**
Importance Code A	$3,800	$2,200	$2,200	$9,200
Importance Code B	$56,100	$14,600	$35,200	$19,000
Importance Code C	$10,100			
Total	**$70,000**	**$16,800**	**$37,500**	**$28,300**

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DEPARTMENT OF EDUCATION - 040
P. S. 56 - BX NORWOOD HEIGHTS
Asset # : 2694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$17,300	
Masonry: Brick	25%			LIFE	* *	5	$18,500	
Masonry: Brick Cavity	55%			LIFE	* *	5	$40,700	
Masonry: Limestone	10%			LIFE	* *	5	$5,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,800	
Window Wall	5%			2057	* *	5	$13,900	
Windows								
Aluminum	60%			2053	* *	5	$5,400	
Aluminum	35%			2039	* *	5	$3,200	
Metal Louvers	5%			2040	* *	10	$2,800	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$40,200	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Parapet Wall								
Explanation : Covered With Roof Membrane								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,000	
Masonry: Brick	40%			LIFE	* *	5	$3,100	
Roof								
Copper/Terne	5%			2059	* *	10	$3,200	
Modified Bitumen	70%			2039	* *	10	$17,700	
Plaza Roof: Stone Panels	25%			2057	* *			
Soffits								
Exposed Struc: Steel	70%			LIFE	* *	5	$4,400	
Glass: Special Gauge	30%			LIFE	* *	1		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$9,800	
Ceramic Tile	10%			2044	* *	5	$4,500	
Quarry Tile	5%			2048	* *	5	$3,300	
Terrazzo	10%			LIFE	* *	5	$3,500	
Vinyl Tile	65%			2039	* *	3	$14,500	
Interior Walls								
Ceramic Tile	20%			2044	* *	5	$20,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,100	
Gypsum Board	40%			LIFE	* *	5	$24,300	
Masonry: Brick	5%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 3%								
Location : Stair								
Explanation : Mesh Cage Partitions								
Plaster	20%			LIFE	* *	5	$6,100	
Wood	2%			LIFE	* *	5	$8,100	

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DEPARTMENT OF EDUCATION - 040
P. S. 56 - BX NORWOOD HEIGHTS
Asset # : 2694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	70%			2048	* *	5	$31,200	
Exposed Struc: Concrete	10%			LIFE	* *	5	$700	
Gypsum Board	5%			LIFE	* *	5	$2,800	
Plaster	15%			LIFE	* *	5	$4,200	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2057	* *			
Iron Picket	70%			2075	* *			
Retaining Walls								
Cast in Place Concrete	100%			2075	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2057	* *	1		
Panelboards								
Fused Disc Sw	15%			2053	* *	5	$100	
Molded Case Bkrs	85%			2053	* *	5	$700	
Wiring								
Thermoplastic	100%			2057	* *	1		
Motor Controllers								
Locally Mounted	50%			2048	* *	5	$100	
Variable Frequency Drive	50%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Stand-by Power								

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DEPARTMENT OF EDUCATION - 040
P. S. 56 - BX NORWOOD HEIGHTS
Asset # : 2694

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$9,200	
Generators								
Diesel	100%			2044	* *	1	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 350 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$1,100	
Fuel Storage								
Day Tank	50%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 250 Gallons Rated Capacity								
Main Tank	50%			2066	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2039	* *	10	$24,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$3,600	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2066	* *	5	$2,700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$19,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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DEPARTMENT OF EDUCATION - 040
P. S. 56 - BX NORWOOD HEIGHTS
Asset # : 2694

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2057	* *	1		
Interruptible Gas/Dual Fuel	50%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Building Boiler Room								
Explanation : 2 Units								
Conversion Equipment								
Hot Water Boiler	50%			2048	* *	1	$7,400	
Steam Boiler	50%			2036	* *	1	$14,900	
Distribution								
Hot Wtr Piping/Pump	50%			2053	* *	4	$1,100	
Steam Piping/Pump	50%			2051	* *			
Terminal Devices								
Air Handler	50%	Now	$28,200	2031	$282,300	1	$8,400	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Old Building Hallway								
Explanation : Burnt Motor Of Exhaust Fan Old Building Hallway.								
Convector/Radiator	40%			2044	* *	1	$3,900	
Fan Coil Unit/Heat	10%			2036	* *	1	$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	30%			2040	* *	1	$9,700	
Ext Pkg Unit - Heating/Cooling	40%			2036	* *	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units At Roof. R-410a								
Split Unit	5%			2036	* *			
Window/Wall Unit	20%			2029	$22,700	1		
No Component	5%							
Heat Rejection								
Dry Cooler	100%			2036	* *	2	$20,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$16,700	
Exhaust Fans								
Roof	100%	Now	$2,900	2031	$58,200	2	$700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : One Bathroom Exhaust Fan At The Roof Is Malfunctioning Due To Mechanical And Or Electrical Defects								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - BX NORWOOD HEIGHTS
Asset # : 2694

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old And New Building								
Explanation : 2 Units In Old Building And 1 Unit In New Building								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$1,000	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$1,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$15,700	
Sprinkler								
Generic	100%			2051	* *	1-2	$8,400	
Fire Pump								
Generic	100%			2040	* *	1	$5,600	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 57 - BX**				
Address	: **2111 CROTONA AVENUE BTWN: EAST 180 ST., EAST 181 S**				
Borough	: **BRONX**			**Agency's Number**	: **X057**
Program / Asset #	: **BOE0198.000 / 476**			**Yr Built/Renovated**	: **1921 / 2014**
Area Sq Ft	: **76,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5,Ph**				
Block	: **3081**	**Lot**	: **26**	**BIN**	: **2012359**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,392,100	$717,200
Interior Architecture	$2,443,000	$1,618,100
Electrical	$169,700	$544,400
Mechanical	$1,468,800	$1,073,500
Site Enclosure	$60,500	
Total	**$5,534,000**	**$3,953,200**
Importance Code A	$1,392,100	$717,200
Importance Code B	$2,450,500	$3,166,500
Importance Code C	$1,691,400	$69,500
Total	**$5,534,000**	**$3,953,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$64,200			
Interior Architecture	$174,900		$5,900	$6,800
Electrical	$8,300	$7,100	$8,800	$8,000
Mechanical	$66,500	$22,900	$21,800	$16,500
Site Enclosure	$4,400			
Site Pavements	$57,700			
Total	**$376,000**	**$30,000**	**$36,500**	**$31,200**
Importance Code A	$77,400	$7,500	$7,500	$7,500
Importance Code B	$264,600	$22,500	$29,000	$23,700
Importance Code C	$34,000			
Total	**$376,000**	**$30,000**	**$36,500**	**$31,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$117,200	
Masonry: Brick	85%	Now	$1,049,600	LIFE	* *	5	$127,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Exterior Walls Facade								
Painted Surfaces, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Masonry: Granite	5%			LIFE	* *	5	$11,200	
Metal Panel	5%			2043	* *	5-10	$51,600	
Windows								
Wood	100%	Now	$208,200	2041	* *	5	$86,400	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 40%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$19,400	
Masonry: Brick	95%			LIFE	* *	5-10	$88,700	
Roof								
Built-Up (BUR)	95%	Now	$44,500	2033	$444,700			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Fifth Floor								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Bulkheads, Classrooms								
Copper/Terne	5%			2048	* *	10	$5,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$24,000	LIFE	* *	5	$12,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement And Penthouse								
Ceramic Tile	3%			2036	* *	5	$3,400	
Mosaic Tile	2%			2038	* *	5	$5,600	
Marble Panels	4%	0-2	$49,500	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$8,500	
Terrazzo	3%	0-2	$31,600	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Auditorium								
Vinyl Tile	30%			2038	* *	3	$12,700	
Vinyl Tile	48%	Now	$149,500	2033	$1,494,800	3	$20,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	4+	$22,500	2036	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Entry Lobby And Kitchen								
Masonry: Brick	10%			LIFE	* *	10	$8,200	
Marble Panels	2%			LIFE	* *	10	$2,200	
Plaster	85%	Now	$1,691,400	LIFE	* *	5	$69,500	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout And Penthouse								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$34,900	2038	* *	5	$2,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Exposed Struc: Concrete	10%	0-2	$78,600	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	3%	4+	$2,100	LIFE	* *	5	$3,900	
Deformed/Dented, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Plaster	82%	Now	$523,500	LIFE	* *	5	$53,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 509 And 505 B								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	60%	Now	$1,100	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : South Yard								
Iron Picket	40%			2053	* *			
Retaining Walls								
Cast in Place Concrete	10%	0-2	$3,200	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Fieldstone	90%	0-2	$60,500	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$36,800	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	95%	2-4	$20,900	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Rubber Matting	5%			2033	$6,500			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Play Yard								
Explanation : Open Joints								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	10%			2049	* *	5	$200	
Molded Case Bkrs	80%			2032	$143,700	5	$1,600	
Wiring								
Braided Cloth	85%	2-4	$169,700	2058	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	15%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$68,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2028	$42,100	2		
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$9,200	
Exit, Service	50%			2033	$16,400	1		
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Throughout								
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Exterior Lighting								
HID	10%			2038	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : The Fireman Indicated That Some Exterior Areas Are Dark And Require Additional Lighting Fixtures.								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$28,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cafeteria, Hallways, Offices And Exit Doors								
Explanation : Panel Has Recently Been Repaired, Its Connection To Central Area Has Been Repaired. No CCTV Camera, Only Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$46,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	50%			2033	$87,200	5	$11,800	
Natural Gas	50%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$13,200	2038	* *	1	$67,700	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Outside Air Damper Motor								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,200	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump In Boiler Room								
Terminal Devices								
Air Handler	20%	Now	$5,700	2033	$286,000	1	$8,500	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Air Handling Units 3 And 4								
Convector/Radiator	80%			2038	* *	1	$19,600	
Controls								
Pneumatic	100%			2027	$1,468,800			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	15%			2038	* *			
Window/Wall Unit	80%			2028	$230,300	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,100	
Exhaust Fans								
Interior	100%			2033	$337,100	2	$2,300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 267 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,300	4	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$400	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 75 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 58 - BX**		
Address	: **459 EAST 176 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X058**
Program / Asset #	: **BOE0199.000 / 463**	**Yr Built/Renovated**	: **1890 / 2001**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2909** **Lot** : **32**	**BIN**	: **2009540**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$78,100	$78,100
Interior Architecture	$1,317,600	
Electrical		$332,000
Mechanical	$175,000	$433,300
Total	**$1,570,600**	**$843,400**
Importance Code A	$78,100	$78,100
Importance Code B	$1,152,400	$765,300
Importance Code C	$340,200	
Total	**$1,570,600**	**$843,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,500			
Interior Architecture	$2,100		$6,200	$1,700
Electrical	$7,900	$5,800	$6,600	$6,900
Mechanical	$91,000	$8,800	$13,200	$8,800
Site Enclosure	$9,100			
Site Pavements	$27,500			
Total	**$197,000**	**$14,600**	**$26,100**	**$17,500**
Importance Code A	$86,500	$6,100	$6,100	$6,100
Importance Code B	$109,600	$8,500	$19,900	$10,100
Importance Code C	$900			$1,300
Total	**$197,000**	**$14,600**	**$26,100**	**$17,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$156,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : All Facades								
Masonry: Fieldstone	10%			LIFE	* *	5	$14,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Facades								
Explanation : Repair Work In Progress								
Masonry: Limestone	5%			LIFE	* *	5	$7,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facades								
Metal Panel	5%			2053	* *	5-10	$33,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Facades								
Explanation : Repair Work In Progress								
Windows								
Aluminum	95%	Now	$46,100	2049	* *	5	$4,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Louvers	5%			2042	* *	10	$3,200	
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Soffits								
Stucco Cement	100%	Now	$2,400	2038	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Access Ramp At Rear Of Building								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	4+	$76,900	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	1%			2042	* *	5	$900	
Ceramic Tile	4%	Now	$203,900	2048	* *	5	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Toilet Rooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Toilet Rooms								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Toilet Rooms								
Terrazzo	2%			LIFE	* *	5	$2,800	
Vinyl Tile	55%			2038	* *	3	$18,600	
Wood	28%	Now	$453,000	2036	* *	5	$23,700	
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2042	* *	5	$2,600	
Masonry: Brick	10%	4+	$163,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Marble Panels	2%			LIFE	* *	10	$700	
Plaster	85%	Now	$177,100	LIFE	* *	5	$21,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various 4th Floor Classrooms, Staircase A								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Various 4th Floor Classrooms, Staircase A								
Ceilings								
Exposed Struc: Concrete	25%	4+	$169,400	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Sidewalk Hatch In Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Electrical Room								
Plaster	75%			LIFE	* *	5-10	$116,600	
Site Enclosure								
Fence/Gates								
Chain Link	98%			2053	* *			
Iron Picket	2%			2068	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$9,100	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Access Ramp At Rear Of Building								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Access Ramp At Rear Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$27,300	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : East 176th Street And Washington Avenue								
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Near Tree Pit On Washington Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$200	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Access Ramp At Rear Of Building								
Activity Yard								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Play Yard								
Explanation : Being Used As Construction Staging Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 2,000 Amperes								
Fused Disc Sw	50%			2043	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Service Switch Rated At 200 Amperes For Emergency Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$55,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2041	* *	10	$6,000	
Exit, Battery	50%			2033	$43,900	10	$2,100	
Exterior Lighting								
No Component	90%							
Not Accessible	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Perimeter								
Explanation : Scaffolding Around Perimeter								
Alarm								
Security System								
Generic	100%			2033	$116,400	1	$23,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$159,900	1-3	$39,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	* *	5	$19,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$27,000	2038	* *	1	$55,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement. Smoke Damper And Safety Valve Malfunctioning								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	15%	Now	$175,000	2043	* *	1	$5,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement. Two Blowers Out Of Services								
On Extended Life, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Convector/Radiator	85%	0-2	$43,100	2038	* *	1	$15,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Regulators. Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2028	$47,000	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,700	
Exhaust Fans								
Interior	100%			2033	$275,000	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$158,300	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$12,400	4	$2,000	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$17,100	1-2	$300	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 58 - SI**		
Address	: **77 MARSH AVENUE (NEAR RICHMOND HILL RD.)**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R058**
Program / Asset #	: **BOE1042.000 / 13596**	**Yr Built/Renovated**	: **2003 / 2018**
Area Sq Ft	: **131,605**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,Ph**		
Block	: **2450** **Lot** : **305**	**BIN**	: **5145698**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$358,700	$1,216,100
Interior Architecture	$694,200	$4,081,300
Electrical		$2,609,700
Mechanical	$2,543,500	$931,900
Site Pavements	$477,800	$140,000
Total	**$4,074,100**	**$8,979,100**
Importance Code A	$358,700	$1,216,100
Importance Code B	$2,866,300	$7,762,900
Importance Code C	$849,200	
Total	**$4,074,100**	**$8,979,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,500		$8,800	
Interior Architecture	$79,800		$4,900	$18,000
Electrical	$40,500	$21,400	$25,600	$23,900
Mechanical	$109,400	$117,000	$83,300	$92,300
Site Enclosure	$10,200			
Site Pavements	$48,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$313,000**	**$146,300**	**$130,500**	**$142,100**
Importance Code A	$29,500	$13,000	$21,800	$13,000
Importance Code B	$218,300	$133,300	$108,700	$129,100
Importance Code C	$65,200			
Total	**$313,000**	**$146,300**	**$130,500**	**$142,100**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$298,600	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$32,900	
Metal Panel	10%			2043	* *	5-10	$120,700	
Windows								
Aluminum	95%	0-2	$63,500	2041	* *	5	$13,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%			2036	* *	10	$8,800	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5-10	$94,100	
Masonry: Brick	80%			LIFE	* *	5-10	$90,700	
Roof								
Built-Up (BUR)	80%			2033	$901,800	10	$77,300	
Metal Panel	20%			2038	* *	10	$35,400	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Carpet	2%	4+	$3,500	2029	$69,700	3	$5,900	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Library								
Cast in Place Concrete	10%	0-2	$33,500	LIFE	* *	5	$43,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Receiving Room 146a								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout Basement								
Ceramic Tile	5%			2036	* *	5	$9,800	
Quarry Tile	5%			2038	* *	5	$14,800	
Sheet Vinyl/Rubber	3%	0-2	$7,700	2033	$386,600	5	$4,400	
Seams Open/Split, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Terrazzo	5%			LIFE	* *	5	$15,400	
Vinyl Tile	65%	2-4	$176,900	2033	$3,537,100	3	$48,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2048	* *	5	$18,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$17,500	
Concrete Masonry Unit	55%	2-4	$362,800	LIFE	* *	5	$30,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridor By Cafeteria And Basement								
Gypsum Board	10%	2-4	$9,800	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	30%	2-4	$75,700	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Stair A								
Ceilings								
AcousTileSusp.Lay-In	80%			2038	* *	5	$157,600	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Auditorium And Throughout								
Exposed Struc: Steel	20%			LIFE	* *	10	$78,800	
Site Enclosure								
Fence/Gates								
Chain Link	15%			2043	* *			
Concrete Masonry Unit	5%			2043	* *			
Iron Picket	80%	4+	$10,200	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 2%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	90%			2053	* *			
Concrete Masonry Unit	10%			2043	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$7,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 2%								
Location : Westport Street Curb cuts								

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DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$124,800	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps And Sidewalks Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rear Yard								
Pavers/Stone	10%	Now	$27,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Gates And Main Path								
Parking/Driveway								
Asphalt	95%	Now	$285,800	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Pavers/Stone	5%			2036	* *			
Activity Yard								
Asphalt	85%	0-2	$67,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rubber Matting	15%	Now	$14,000	2033	$140,000			
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2038	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room, Automatic Transfer Switch Room								
Explanation : Various Capacities								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$600	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$300	
Molded Case Bkrs	90%			2041	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2038	* *	5	$100	
Motor Control Center	90%			2038	* *	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$40,500	
Generators								
Diesel	100%			2036	* *	1	$51,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 500 Kilowatt Capacity								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$29,300	
Fuel Storage								
Day Tank	20%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallon Tank								
Main Tank	80%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : One 5000 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	50%			2033	$980,900	10	$60,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	46%			2033	$902,400	10	$55,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2033	$31,200	10	$100	
Incandescent	2%			2033	$72,900	2	$100	
Egress Lighting								
Emergency, Service	60%			2033	$48,600	1		
Exit, Battery	40%			2033	$74,600	10	$3,600	
Exterior Lighting								
LED	10%			2043	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof And Building Perimeter								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$1,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2033	$123,500	1	$24,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$24,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$339,500	1-3	$83,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : 6,000 Gallon Fuel Tank								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$130,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers. 2 Heat Exchangers								
Distribution								
Hot Wtr Piping/Pump	30%			2049	* *	4	$2,900	
Steam Piping/Pump	70%			2053	* *			
Terminal Devices								
Air Handler	70%			2038	* *	1	$57,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 12 Units								
Convector/Radiator	30%			2046	* *	1	$12,800	
Controls								
Pneumatic	100%			2027	$2,543,500			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2042	* *	1	$128,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Explanation : 2 Chillers Using Refrigerant 134a								
Split Unit	5%			2038	* *			
No Component	5%							
Distribution								
CW & CHW Wtr Pipe/Pump	90%			2053	* *	4	$8,800	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	90%			2038	* *	1	$73,200	
No Component	10%							
Heat Rejection								
Water Cooling Tower	90%			2031	$568,400	2	$119,200	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$116,200	
Exhaust Fans								
Interior	85%			2038	* *	2	$3,400	
Roof	15%			2033	$38,300	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$102,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 500 Gallons. Quantity 6								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,800	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$5,200	
Backflow Preventer								
Generic	100%			2038	* *	1	$8,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Ground Floor								
Explanation : Access From The Outside								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From Basement To Penthouse, One Unit From 1st To 4th Floor								
Explanation : 2 Units, 1 Under Repair								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$66,400	
Sprinkler								
Generic	100%			2053	* *	1-2	$36,900	
Fire Pump								
Generic	100%			2042	* *	1	$24,600	
Chemical System								
Generic	100%			2031	$261,100	1-3	$238,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 16 Feet Long, 64 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 59 - BX**		
Address	: **2185 BATHGATE AVENUE @ E.182 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X059**
Program / Asset #	: **BOE0200.000 / 2600**	**Yr Built/Renovated**	: **1921 / 1998**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3049** **Lot** : **37**	**BIN**	: **2011538**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$199,600	$750,600
Interior Architecture	$973,300	$6,941,000
Electrical		$1,569,300
Mechanical	$358,300	$1,166,500
Total	**$1,531,200**	**$10,427,400**
Importance Code A	$199,600	$750,600
Importance Code B	$1,255,800	$9,676,800
Importance Code C	$75,700	
Total	**$1,531,200**	**$10,427,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,300		$100	
Interior Architecture	$77,000		$5,600	$13,800
Electrical	$7,700	$6,400	$7,600	$7,700
Mechanical	$59,900	$15,600	$20,600	$21,300
Site Enclosure	$11,500			
Site Pavements	$5,200			
Total	**$174,600**	**$22,000**	**$33,900**	**$42,900**
Importance Code A	$43,400	$6,800	$6,900	$6,800
Importance Code B	$117,600	$15,200	$22,600	$36,000
Importance Code C	$13,600		$4,400	
Total	**$174,600**	**$22,000**	**$33,900**	**$42,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$123,700	
Masonry: Brick	87%			LIFE	* *	5	$275,500	
Masonry: Granite	3%			LIFE	* *	5	$7,100	
Metal, Corrugated	5%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Stair Bulkhead Walls								
Windows								
Aluminum	100%			2049	* *	5	$6,000	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$1,600	
Masonry: Brick	83%			LIFE	* *	5-10	$2,200	
Metal Rail	2%			2046	* *	5-10	$100	
Roof								
Built-Up (BUR)	75%			2033	$551,000	10	$47,200	
Built-Up (BUR)	25%	Now	$3,700	2038	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%								
Location : Upper Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$53,700	
Ceramic Tile	10%			2042	* *	5	$12,300	
Terrazzo	5%	4+	$57,400	LIFE	* *	5	$4,800	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Entry Vestibule, Near Auditorium								
Traffic Topping	25%			2033	$1,464,200	5	$38,400	
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs And Corridors								
Vinyl Tile	25%	Now	$17,000	2038	* *	3	$11,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Room 308								
Vinyl Tile 9" X 9"	25%	4+	$541,500	2028	$5,415,400	3	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 4th Floor Classrooms								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$8,800	
Masonry: Brick	10%			LIFE	* *	10	$5,300	
Metal: Cage/Fence	5%			LIFE	* *	10	$1,800	
Marble Panels	2%			LIFE	* *	10	$1,400	
Plaster	78%			LIFE	* *	5-10	$117,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	2%			2046	* *	5	$2,500	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$23,000	
Metal Panel	3%			LIFE	* *	5	$9,200	
Plaster	80%	Now	$298,600	LIFE	* *	5	$61,400	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2043	* *			
Iron Picket	40%			2053	* *			
Retaining Walls								
Cast in Place Concrete	50%	4+	$11,500	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : South Wall By Driveway								
Masonry: Fieldstone	50%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2038	* *			
Masonry: Granite	5%	Now	$5,200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Steps At Entry And At Play Yard								
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 1,200 Amperes								
Fused Disc Sw	50%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Service Switch Rated At 400 Amperes For Emergency Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	50%			2033	$72,300	1		
Conduit	50%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$1,600	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$1,008,000	10	$62,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	25%			2033	$10,600	1		
Emergency, Battery	25%			2033	$29,000	10	$4,200	
Exit, Battery	50%			2033	$48,900	10	$2,300	
Exterior Lighting								
LED	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$129,500	1	$25,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$178,000	1-3	$43,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$30,100	2038	* *	1	$61,500	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Boiler 1 Tubes								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Number 2 Boiler Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$55,300	2043	* *			
Corroded, Extent : Severe, Area Affected : 10%								
Location : Boiler Feed Tank And Vacuum Pump								
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Boiler Feed Tank And Vacuum Pump								
Terminal Devices								
Air Handler	15%			2028	$194,800	1	$6,400	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : Cafeteria And Auditorium								
Convector/Radiator	85%			2031	$479,600	1	$18,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2028	$104,600	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$303,000	LIFE	* *	2-5	$38,500	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Rooms								
Exhaust Fans								
Interior	100%	Now	$15,300	2028	$306,000	2	$1,700	
Broken, Extent : Severe, Area Affected : 50%								
Location : Basement General Exhaust Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 115 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$13,800	4	$2,200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 6 - SI**		
Address	: **555 PAGE AVENUE BTWN ACADEMY AVE - BARTOW AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R006**
Program / Asset #	: **BOE1009.000 / 13402**	**Yr Built/Renovated**	: **2000 /**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **7760** **Lot** : **1**	**BIN**	: **5131697**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$364,400	$498,400
Interior Architecture	$90,000	$54,100
Electrical		$1,683,700
Mechanical	$415,800	
Site Enclosure	$59,000	
Site Pavements		$118,000
Total	**$929,200**	**$2,354,200**
Importance Code A	$444,700	$498,400
Importance Code B	$484,500	$1,855,700
Total	**$929,200**	**$2,354,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$14,500	
Interior Architecture	$183,700		$20,800	$4,400
Electrical	$21,700	$15,800	$21,300	$15,800
Mechanical	$150,000	$45,600	$59,200	$34,600
Site Enclosure	$2,200			
Site Pavements	$2,400			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$371,800**	**$73,200**	**$127,700**	**$66,700**
Importance Code A	$200	$9,400	$23,900	$9,400
Importance Code B	$251,100	$63,900	$103,800	$55,100
Importance Code C	$120,400			$2,300
Total	**$371,800**	**$73,200**	**$127,700**	**$66,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	$140,400	LIFE	* *	5	$85,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Office								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Office								
Metal Panel	35%			2053	* *	5-10	$342,000	
Window Wall	5%			2053	* *	5	$26,600	
Windows								
Aluminum	98%	Now	$58,500	2049	* *	5	$12,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Louvers	2%			2042	* *	10	$3,100	
Parapets								
Masonry: Brick	50%	2-4	$88,600	LIFE	* *	5	$7,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At School Yard Elevation								
Metal Rail	50%			2046	* *	5-10	$126,500	
Roof								
IRMA/Protected Membrane	90%			2038	* *	10	$71,200	
Metal Panel	10%			2046	* *	10	$14,500	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$44,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2042	* *	5	$4,300	
Sheet Vinyl/Rubber	2%	Now	$3,800	2038	* *	5	$2,200	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Terrazzo	5%			LIFE	* *	5	$11,300	
Vinyl Tile	78%			2038	* *	3	$42,200	
Wood	5%			2061	* *	5	$13,500	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	12%			LIFE	* *	10	$45,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Electrical Room								
Ceramic Tile	3%			2042	* *	5	$4,500	
Concrete Masonry Unit	30%			LIFE	* *	5	$36,200	
Gypsum Board	15%			LIFE	* *	5-10	$38,400	
SGFT/Glazed Masonry	40%			LIFE	* *	10	$30,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	75%	4+	$90,000	2046	* *	5	$54,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout 1st Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Office								
Exposed Struc: Steel	5%			LIFE	* *	10	$14,400	
Gypsum Board	15%	Now	$7,600	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exit First Floor								
Metal Panel	5%	2-4	$11,900	LIFE	* *	5	$9,000	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen, Cafeteria								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Kitchen, Cafeteria								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$2,200	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	50%			2068	* *			
Masonry: Brick	50%	4+	$59,000	2053	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Pavers/Stone	5%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	90%			2042	* *			
Rubber Matting	10%	2-4	$2,400	2033	$118,000			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2038	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical, Generator And Mechanical Room								
Explanation : One 500 Kilovolt Amperes, One 45 Kilovolt Amperes, One 30 Kilovolt Amperes And, One 15 Kilovolt Amperes 480 Volts Primary, 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$500	
Motor Control Center	30%			2038	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$29,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Basement								
Explanation : 3 Automatic Transfer Switches								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2036	* *	1	$37,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Basement								
Explanation : 375 Kilowatts Generator								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Basement								
Explanation : One 275 Gallon								
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$1,373,700	10	$84,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Explanation : Maintenance Department Reported Not Having Equipment Capable Of Reaching Ceiling Fixtures To Replace Bulbs								
Fluorescent	3%			2028	$43,400	10	$2,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Stairwells								
HID	2%			2033	$23,000	10	$100	
Egress Lighting								
Emergency, Service	50%			2033	$29,900	1		
Exit, Service	50%			2033	$20,900	1		
Exterior Lighting								
HID	10%			2033	$45,300	10		
LED	10%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$91,000	1	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior And Exterior								
Explanation : Security Cameras System								
Generic	50%			2028	$91,000	1	$18,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$59,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Mechanical Room								
Explanation : No.2 Oil 6,000 Gallon Tank								
Conversion Equipment								
Heat Exchanger, Plate & Frame	5%			2042	* *	1	$2,400	
Steam Boiler	95%	0-2	$80,300	2046	* *	1	$82,100	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Boiler Two And Control Valve Leaks								
Distribution								
Hot Wtr Piping/Pump	70%	Now	$14,800	2049	* *	4	$3,300	
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Steam Piping/Pump	30%			2053	* *			
Terminal Devices								
Air Handler	40%	Now	$36,500	2038	* *	1	$21,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Control System								
Convector/Radiator	20%			2046	* *	1	$6,300	
Fan Coil Unit/Heat	40%	0-2	$192,400	2038	* *	1	$11,300	
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : All Classroom								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2038	* *	1	$22,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Reciprocating Compr/Chiller	50%	Now	$143,100	2038	* *	1	$20,200	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Unit Three In Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2053	* *	4	$7,200	
Terminal Devices								
Air Handler/Cool/Ht	80%			2038	* *	1	$48,000	
Fan Coil - 4 Pipe	20%			2038	* *	1	$6,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	100%			2038	* *	2	$67,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,600	
Exhaust Fans								
Roof	100%			2038	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 100 Gallons, Small For The Needs								
HW Heat Exchanger								
Steam Fired	100%			2053	* *	4	$14,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,000	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,900	
Backflow Preventer								
Generic	100%			2038	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From 1st To 4th Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$48,900	
Sprinkler								
Generic	100%			2053	* *	1-2	$27,200	
Fire Pump								
Generic	100%	Now	$37,000	2042	* *	1	$16,300	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Pump Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Dry	100%			2031	$48,900	1-3	$43,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 12 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 60 - BX**			
Address	:	**888 REVEREND JAMES A. POLITE AVE BTWN: DAWSON ST., EAST 162 ST.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X060**
Program / Asset #	:	**BOE0201.000 / 464**	**Yr Built/Renovated**	:	**1922 / 2014**
Area Sq Ft	:	**113,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**12-May-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1,2,3,4,5**			
Block	:	**2696** **Lot** : **85**	**BIN**	:	**2005348**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$306,300	$295,200
Interior Architecture	$289,100	$357,100
Electrical	$318,400	$3,024,600
Mechanical	$363,900	$1,707,600
Total	**$1,277,700**	**$5,384,500**
Importance Code A	$306,300	$346,600
Importance Code B	$971,300	$5,037,900
Total	**$1,277,700**	**$5,384,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$80,300		$30,000	
Interior Architecture	$134,200		$13,600	$2,100
Electrical	$30,500	$10,600	$10,600	$14,000
Mechanical	$128,200	$16,200	$24,900	$15,700
Site Enclosure	$53,300			
Total	**$426,600**	**$26,700**	**$79,100**	**$31,800**
Importance Code A	$91,500	$11,200	$41,200	$11,200
Importance Code B	$264,800	$15,500	$37,900	$18,400
Importance Code C	$70,200			$2,100
Total	**$426,600**	**$26,700**	**$79,100**	**$31,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$149,100	
Masonry: Brick	80%			LIFE	* *	5	$305,300	
Masonry: Granite	2%			LIFE	* *	5	$5,700	
Masonry: Limestone	5%			LIFE	* *	5	$14,300	
Metal Panel	5%			2053	* *	5-10	$65,600	
Stucco Cement	3%			2046	* *	5	$14,300	
Windows								
Aluminum	98%			2049	* *	5	$54,500	
Metal Louvers	2%			2042	* *	10	$7,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$59,200	
Masonry: Brick	65%			LIFE	* *	5-10	$92,700	
Metal Panel	5%			2053	* *	5	$4,000	
Metal Rail	10%			2046	* *	5-10	$37,700	
Weathering Steel	10%			LIFE	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : This Is Actually Exposed Structural Steel Bracing								
Roof								
Copper/Terne	5%			2061	* *	10	$10,600	
IRMA/Protected Membrane	10%			2038	* *	10	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Bulkheads On Main Roof								
Explanation : Gravel Ballast								
Modified Bitumen	80%			2038	* *	10	$68,100	
Single Ply Membrane	5%			2038	* *	10	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Story Shed Roofs								
Explanation : This Is Actually A Fluid Applied Membrane								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$69,800	
Ceramic Tile	5%			2036	* *	5	$8,000	
Sheet Vinyl/Rubber	5%			2038	* *	5	$12,000	
Terrazzo	3%			LIFE	* *	5	$7,500	
Traffic Topping	4%	0-2	$30,400	2033	$304,500	5	$4,000	
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Vinyl Tile	48%			2038	* *	3	$28,700	
Wood	25%	4+	$237,800	2048	* *	5	$37,400	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$10,700	
Ceramic Tile	5%			2042	* *	5	$4,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,400	
Masonry: Brick	10%			LIFE	* *	10	$2,600	
Marble Panels	5%			LIFE	* *	10	$1,700	
Plaster	55%			LIFE	* *	5-10	$39,900	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$6,400	
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$18,600	
Plaster	85%	4+	$51,200	LIFE	* *	5	$52,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkheads								
Site Enclosure								
Fence/Gates								
Chain Link	65%			2053	* *			
Iron Picket	35%	4+	$21,400	2068	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Throughout Fence Area								
Retaining Walls								
Cast in Place Concrete	15%	Now	$1,600	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Coping Over Wall In South Yard								
Concrete Masonry Unit	30%			2053	* *			
Masonry: Fieldstone	55%	4+	$30,400	2043	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Retaining Walls Throughout								
Explanation : Painted Surfaces								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2046	* *			
Pavers/Stone	30%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Stairs								
Explanation : These Are Actually Slate Steps								
Parking/Driveway								
Asphalt	100%			2042	* *			
Activity Yard								
Asphalt	98%			2042	* *			
Rubber Matting	2%			2038	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$51,400	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	90%			2033	$219,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Fused Knife Sw	1%	2-4	$2,400	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room Basement								
Molded Case Bkrs	79%			2032	$189,200	5	$2,400	
Molded Case Bkrs	10%			2049	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$239,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	10%			2033	$34,200	1		
Motor Controllers								
Locally Mounted	20%			2031	$36,300	5	$200	
Locally Mounted	80%			2038	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$1,516,000	10	$93,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$94,800	10	$13,600	
Exit, Service	50%			2028	$24,400	1		
Exterior Lighting								
HID	15%	Now	$79,100	2043	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
HID	5%			2028	$26,400	10		
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$212,100	1	$42,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$291,500	1-3	$71,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bell, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	* *	5	$35,000	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$111,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$45,200	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pump Is Not Working								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout Building								
Terminal Devices								
Air Handler	30%			2033	$637,900	1	$21,000	
Convector/Radiator	60%	Now	$27,700	2031	$554,400	1	$19,700	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Thermostats, Throughout								
Unit Heater - Steam	10%			2033	$64,200	4	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	85%			2026	$363,900	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2028	$451,100	2	$3,100	
Roof	10%			2033	$21,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 175 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$4,500	2038	* *	4	$2,400	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement. One Sump Pump Is Not Working								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Obsolete Trim And Faucets, Repair Parts Difficult To Obtain								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 61 - BX**		
Address	: **1550 CROTONA PARK EAST @CHARLOTTE ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X061**
Program / Asset #	: **BOE0202.000 / 703**	**Yr Built/Renovated**	: **1922 / 2003**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2939** **Lot** : **45**	**BIN**	: **2009865**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,083,700	$63,800
Interior Architecture	$1,712,400	$52,000
Electrical	$211,600	$560,800
Mechanical	$418,000	$1,429,100
Total	**$3,425,800**	**$2,105,700**
Importance Code A	$1,150,900	$63,800
Importance Code B	$1,864,500	$2,041,900
Importance Code C	$410,400	
Total	**$3,425,800**	**$2,105,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$131,000			
Interior Architecture	$70,800	$5,500		$11,400
Electrical	$1,900	$2,700	$2,600	$16,800
Mechanical	$88,800	$17,100	$22,800	$40,600
Site Enclosure	$49,100			
Site Pavements	$33,100			
Total	**$374,700**	**$25,300**	**$25,500**	**$68,800**
Importance Code A	$131,000	$7,600	$7,600	$7,800
Importance Code B	$226,700	$17,700	$17,900	$61,000
Importance Code C	$16,900			
Total	**$374,700**	**$25,300**	**$25,500**	**$68,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$29,300	
Glass Block	5%			LIFE	* *	5	$2,300	
Masonry: Brick	85%	Now	$262,800	LIFE	* *	5	$63,800	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 75%								
Location : Front And Side Facades								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 3rd And 5th Floor Classrooms, Stairways								
Stucco Cement	5%	Now	$127,500	2052	* *	5	$4,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : 5th Floor Roof Bulkhead								
Windows								
Aluminum	100%	Now	$101,100	2048	* *	5	$5,300	
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Rooms 505,409,413,412, 5th Floor Roof								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Classrooms Windows								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$40,100	LIFE	* *	5	$2,800	1
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Rooms 501,502,503,504,505,409,413,412,5th Floor								
Masonry: Brick	95%	Now	$442,300	LIFE	* *	5	$7,000	1
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout Interior Side Of Wall								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 100%								
Location : Interior Facde								
Loose/Delam Surface, Extent : Severe, Area Affected : 95%								
Location : Throughout								
Parge/Tar Separating, Extent : Severe, Area Affected : 20%								
Location : Interior Face								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Rooms 501,502,503,504,505,409,413,412,5th Floor								
Roof								
Built-Up (BUR)	70%	Now	$150,000	2037	* *			1
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Rooms 501,502,503,504,505,409,413,412,5th Floor								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Rooms 501,502,503,504,505,409,413,412 5th Floor								
Copper/Terne	5%	Now	$48,300	2072	* *			1
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Stairways 2,3,8, And 9								
Paver: Asphalt	25%	Now	$42,600	2041	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Roof, Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$15,600	2035	* *	5	$2,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Toilets								
Quarry Tile	2%			2037	* *	5	$3,300	
Sheet Vinyl/Rubber	5%			2037	* *	5	$8,300	
Terrazzo	3%	Now	$6,200	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor								
Vinyl Tile	15%	Now	$137,900	2042	* *	3	$6,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Lunchroom								
Vinyl Tile	40%			2037	* *	3	$16,600	
Vinyl Tile 9" X 9"	5%	Now	$48,900	2042	* *	3	$2,100	
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Classroom, Office								
Wood	25%	Now	$661,400	2060	* *	5	$26,000	
Deteriorated Finish, Extent : Severe, Area Affected : 80%								
Location : Classrooms								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%	Now	$80,000	2041	* *	5	$2,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Toilet Rooms, Kitchen								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%	Now	$330,300	LIFE	* *	5	$20,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout 4th And 5th Floors, Stair A, Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2037	* *	5	$5,500	
AcousTileSusp.Lay-In	5%	Now	$55,300	2052	* *	5	$2,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Bathrooms, Room 416								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,700	
Metal Panel	5%	Now	$110,200	LIFE	* *	5	$6,900	
Bent/Warped Elements, Extent : Severe, Area Affected : 40%								
Location : Kitchen								
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Plaster	55%			LIFE	* *	5	$38,100	
Plaster	20%	Now	$337,300	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Auditorium, Rooms 501,502,503,504,505,409,413,412.								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2052	* *			
Iron Picket	25%			2067	* *			
Retaining Walls								
Cast in Place Concrete	50%	Now	$11,100	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Driveway								
Concrete Masonry Unit	50%	Now	$38,000	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Driveway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,800	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Crotona Park East								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Crotona Park East And Charlotte Street								
On-Site Walkways								
Asphalt	20%	Now	$200	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Cast in Place Concrete	80%			2037	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$16,700	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Side Driveway								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	65%	4+	$3,000	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Play Yard								
Cast in Place Concrete	30%			2037	* *			
Rubber Matting	5%	Now	$1,400	2032	$13,700			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	60%			2032	$117,000	5	$200	
Fused Disc Sw	40%			2042	* *	5	$100	
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	3%			2040	* *	5	$100	
Fused Disc Sw	7%			2031	$12,600	5	$100	
Molded Case Bkrs	20%			2040	* *	5	$400	
Molded Case Bkrs	70%			2031	$125,700	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2042	* *	1		
Motor Controllers								
Locally Mounted	40%			2037	* *	5	$200	
Locally Mounted	50%			2030	$59,700	5	$300	
Variable Frequency Drive	10%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2040	* *	10	$63,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$64,600	10	$9,300	
Exit, Service	50%			2032	$16,600	1		
Exterior Lighting								
HID	20%			2027	$71,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$14,500	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$67,100	2037	* *	1	$68,600	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Two Tubes Plugged In No. 1 Boiler								
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Basement, Boiler Room. Feed Water Tank Deteriorating Insulation								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room. Leaking Safety Valve No. 2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,300	2032	$616,600			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room. Leaking Vacuum Pump								
Terminal Devices								
Air Handler	30%	0-2	$43,500	2032	$434,700	1	$12,900	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room. Broken Auditorium Blower								
Convector/Radiator	60%			2030	$377,800	1	$14,900	
Fan Coil Unit/Heat	10%			2040	* *	1	$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Roof								
Explanation : 2 Units, R-410a								
Window/Wall Unit	25%	0-2	$3,600	2027	$72,900	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 30 Percent Of Window Wall Units Are Not Working								
No Component	70%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2037	* *	1	$1,200	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2037	* *	2	$2,700	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%	Now	$136,600	2042	* *	2	$800	
Abandoned in Place, Extent : Severe, Area Affected : 80%								
Location : 3rd And 5th Floor Fan Rooms								
Interior	20%			2037	* *	2	$500	
Roof	40%	0-2	$59,800	2042	* *	2	$800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Various Locations. Most Bathroom Exhaust Fans Are Not Working, Rooms 400, 300, 200, 100 And 210								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$15,400	2042	* *	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2042	* *	1-2	$600	
Chemical System								
Generic	100%			2027	$81,600	1-3	$80,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 62 - BX**		
Address	: **660 FOX STREET @LEGGETT AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X062**
Program / Asset #	: **BOE0203.000 / 465**	**Yr Built/Renovated**	: **1922 / 2008**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2683** **Lot** : **65**	**BIN**	: **2005089**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$954,400	$159,700
Interior Architecture	$475,800	$2,099,700
Electrical	$266,500	$704,300
Mechanical	$917,500	$1,874,200
Site Pavements	$117,300	
Total	**$2,731,500**	**$4,838,000**
Importance Code A	$1,023,300	$848,300
Importance Code B	$1,399,500	$3,861,600
Importance Code C	$308,700	$128,100
Total	**$2,731,500**	**$4,838,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,900			$62,100
Interior Architecture	$140,000			$13,300
Electrical	$5,500	$2,600	$2,800	$54,900
Mechanical	$139,300	$13,000	$19,700	$35,700
Site Enclosure	$11,300			
Site Pavements	$79,600			
Total	**$397,700**	**$15,700**	**$22,500**	**$166,000**
Importance Code A	$21,900	$7,800	$7,800	$70,100
Importance Code B	$338,500	$7,800	$14,700	$95,900
Importance Code C	$37,200			
Total	**$397,700**	**$15,700**	**$22,500**	**$166,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$54,700	
Copper/Terne	5%			2067	* *	10	$16,400	
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Stair Bulkheads								
Explanation : Copper Panels								
Masonry: Brick	75%			LIFE	* *	5	$105,000	
Masonry: Granite	5%			LIFE	* *	5	$5,300	
Masonry: Limestone	10%	Now	$82,700	LIFE	* *	5	$10,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Above Entrance								
Windows								
Aluminum	100%	Now	$871,700	2048	* *	5	$18,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	4+	$11,200	LIFE	* *	5	$9,500	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Roof								
Masonry: Brick	90%			LIFE	* *	5	$11,000	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Roof								
Roof								
Built-Up (BUR)	95%			2037	* *	10	$45,700	
Copper/Terne	2%			2060	* *	10	$2,400	
Modified Bitumen	3%	4+	$300	2037	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stair E And F, Room 512 At Roof Drain								
Soffits								
Cast in Place Concrete	100%	Now	$10,500	LIFE	* *	5	$8,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Rear Of Building, Stair Bulkhead Overhang								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Stair Bulkhead Overhang								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	15%	2-4	$34,700	2052	* *	5	$4,700	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Fifth Floor Corridor And Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Fifth Floor Corridor And Stairs								
Cast in Place Concrete	10%	0-2	$21,200	LIFE	* *	5	$27,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	0-2	$17,600	2041	* *	5	$3,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen Locker, Toilet Room 108b, 4th Floor Girls Toilet, Stairwells								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout 3rd And 5th Floor Bathrooms, Stairwells								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Toilet Rooms								
Quarry Tile	5%			2037	* *	5	$9,400	
Terrazzo	5%	0-2	$29,200	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Main Entrance Lobby, 2nd Floor Entry Hall								
Vinyl Tile	55%	Now	$94,900	2032	$1,897,500	3	$25,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout Classrooms								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : Various Classrooms, Lunchroom								
Wood	5%	0-2	$18,600	2047	* *	5	$5,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Room 304								
Interior Walls								
Ceramic Tile	5%	0-2	$73,400	2035	* *	5	$13,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Various Toilet Rooms, Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Various Toilet Rooms, Kitchen								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	0-2	$235,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%			LIFE	* *	5	$128,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	5%	Now	$18,700	LIFE	* *	5	$1,000	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Storage Area								
Plaster	95%	4+	$72,200	LIFE	* *	5	$74,100	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Stairway Area								
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$11,300	2052	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Adjacent To Upper Play Yard Area Off Fox Street								
Iron Picket	20%			2067	* *			
Retaining Walls								
Cast in Place Concrete	90%			2067	* *			
Masonry: Fieldstone	10%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$17,200	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
On-Site Walkways								
Asphalt	95%	4+	$400	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Various								
Cast in Place Concrete	5%			2045	* *			
Parking/Driveway								
Asphalt	100%	4+	$25,600	2041	* *			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Leggett Avenue								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Leggett Avenue								
Explanation : Drain Clogged								
Activity Yard								
Asphalt	95%	0-2	$117,300	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Activity Yard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Activity Yard								
Rubber Matting	5%	Now	$36,500	2042	* *			
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Activity Yard								
Open Seams, Extent : Severe, Area Affected : 10%								
Location : Activity Yard								

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DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Fused Knife Sw	2%	2-4	$3,600	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Blower Room, Basement								
Molded Case Bkrs	10%			2048	* *	5	$200	
Molded Case Bkrs	78%			2031	$140,100	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Thermoplastic	20%			2032	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2030	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	98%			2040	* *	10	$71,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2040	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Staircases								
Egress Lighting								
Emergency, Battery	40%			2027	$53,000	10	$7,600	
Emergency, Battery	10%			2040	* *	10	$1,900	
Exit, Service	45%			2027	$15,300	1		
Exit, Service	5%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2027	$73,700	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$29,700	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Exit Doors And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$14,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Manual Pull Box, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$24,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	0-2	$68,900	2030	$688,600	1	$70,400	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Basement. Leaking Boiler Shell. Several Plugged Tubes On No.1 And 3 Boiler Due To Leaks								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Condition Of The 3 Boilers Are Very Bad.								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$44,400	2042	* *	4	$3,900	
Damaged, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Condensate Pump								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room. Defective Pneumatic Valves In Various Locations. Feed Water Piping Leaking								

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DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%	Now	$59,500	2027	$594,700	1	$17,600	
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : 5th Floor. 2 Blowers Are Not Working Due To Defective Motor And Broken Belt								
Convector/Radiator	55%	Now	$7,100	2030	$355,300	1	$12,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats								
Fan Coil Unit/Heat	5%	Now	$2,000	2032	$97,900	1	$1,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	65%	Now	$9,700	2027	$194,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 65%								
Location : Various Locations. 6 Units Are Not Working.								
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,100	
Exhaust Fans								
Interior	100%	Now	$17,500	2032	$350,400	2	$1,900	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2042	* *	1		
Galvanized Steel	80%			2037	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2032	$382,000	4	$11,700	
Sanitary Piping								
Cast Iron	100%	Now	$49,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Bathroom Leaking								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$15,800	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2027	$8,200	1-3	$9,300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Explanation : Pyro Chemical Model En-mcu3								
No Component	70%							
Generic	20%			2030	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 63 - BX**		
Address	: **1260 FRANKLIN AVENUE @ E.169 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X063**
Program / Asset #	: **BOE0204.000 / 466**	**Yr Built/Renovated**	: **1924 / 2000**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5,Ph**		
Block	: **2615** **Lot** : **14**	**BIN**	: **2004302**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,228,600	$640,200
Interior Architecture	$1,507,400	$2,365,300
Electrical	$139,700	$842,400
Mechanical	$1,642,000	$2,293,400
Total	**$4,517,700**	**$6,141,400**
Importance Code A	$1,228,600	$1,311,400
Importance Code B	$2,779,500	$4,766,100
Importance Code C	$509,600	$63,900
Total	**$4,517,700**	**$6,141,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$173,200			
Interior Architecture	$121,500		$9,000	$7,500
Electrical	$18,500	$7,200	$8,900	$8,200
Mechanical	$65,700	$11,100	$17,500	$11,100
Site Enclosure	$8,900			
Site Pavements	$47,000			
Total	**$434,800**	**$18,300**	**$35,400**	**$26,900**
Importance Code A	$180,800	$7,600	$7,600	$7,600
Importance Code B	$162,100	$10,700	$27,800	$19,200
Importance Code C	$91,900			
Total	**$434,800**	**$18,300**	**$35,400**	**$26,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	0-2	$45,200	LIFE	* *	5	$71,000	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 30%								
Location : At Window Sills								
Masonry: Brick	75%	Now	$561,500	LIFE	* *	5	$68,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : At Penthouse								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : At Penthouse								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	10%	0-2	$35,800	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Slate Panels	5%	0-2	$35,300	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$667,100	2041	* *	5	$14,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	12%	0-2	$8,200	LIFE	* *	5	$6,900	
Spalling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Masonry: Brick	50%	Now	$23,700	LIFE	* *	5	$3,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Metal Rail	38%			2038	* *	5-10	$51,300	
Roof								
Built-Up (BUR)	100%	Now	$25,100	2033	$501,000			
Gravel/Slag Surface, Extent : Light, Area Affected : 50%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Around Bulkhead Stair								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$51,200	LIFE	* *	5	$26,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement And Stair Landings								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Basement								
Explanation : Stilts Supporting Gymnasium Floor								
Ceramic Tile	5%	Now	$34,000	2036	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilets And Kitchen								
Marble Panels	5%			LIFE	* *	5	$9,000	
Sheet Vinyl/Rubber	10%			2041	* *	5	$18,100	
Terrazzo	10%	0-2	$112,600	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby And Second Floor Corridor								
Traffic Topping	10%	Now	$229,900	2033	$574,800	5	$7,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Stair Landings								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : At Stair Landings								
Vinyl Tile	50%	Now	$166,400	2033	$1,663,900	3	$22,600	
Adhesion Failure, Extent : Moderate, Area Affected : 30%								
Location : Stair 6 At First Floor								
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Stair 6 At First Floor								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$35,500	
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$39,100	2036	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Masonry: Brick	10%			LIFE	* *	10	$8,500	
Marble Panels	5%	0-2	$250,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$259,100	LIFE	* *	5	$63,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor								

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%	Now	$132,600	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Plaster	85%	Now	$305,000	LIFE	* *	5	$62,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 4th And 5th Floor, Gymnasium And Library								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2043	* *			
Iron Picket	20%	0-2	$8,900	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$17,500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Franklin Avenue								
On-Site Walkways								
Asphalt	80%			2036	* *			
Cast in Place Concrete	20%			2038	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Asphalt	100%	2-4	$29,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2033	$40,800	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Rating Not Available Nameplates Are Painted								
Fused Disc Sw	10%			2033	$4,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 200 Ampere Emergency Lighting Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Electrical Room And Boiler Room								
Explanation : 2nd Electrical Room - 3 Section Switchboard And Boiler Room - 2 Section Switchboard								
Raceway								
Conduit	100%			2033	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	90%			2032	$161,700	5	$1,800	
Wiring								
Braided Cloth	70%	0-2	$139,700	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Corroded, Extent : Light, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$67,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement And Hallways								
Fluorescent	5%			2038	* *	10	$3,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Gas Room								
Egress Lighting								
Emergency, Battery	5%			2028	$6,500	10	$900	
Emergency, Battery	45%			2041	* *	10	$8,400	
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$144,500	1	$28,800	
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$47,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	$671,100	1	$76,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$61,700	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump And Various Pipes In Basement								
Terminal Devices								
Air Handler	20%	Now	$29,000	2028	$289,800	1	$8,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement Fan Room								
Convector/Radiator	80%			2031	$503,700	1	$19,900	
Controls								
Pneumatic	100%			2027	$1,488,100			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$91,400			
Window/Wall Unit	80%			2028	$233,400	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,000	
Exhaust Fans								
Interior	90%	Now	$92,200	2028	$307,400	2	$1,700	
Broken, Extent : Severe, Area Affected : 30%								
Location : 3 Units In The Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 70%								
Location : Penthouse								
Roof	10%			2033	$14,900	2	$200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$196,600	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,500	2033	$15,400	4	$1,600	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2038	* *	1	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$21,300	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 63 - BX MINISCHOOL**		
Address	: **1260 FRANKLIN AVE. @ E.169 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X862**
Program / Asset #	: **BOE0204.010 / 2520**	**Yr Built/Renovated**	: **1972 / 2000**
Area Sq Ft	: **7,620**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2615** **Lot** : **14**	**BIN**	: **2004302**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$61,500	$77,000
Interior Architecture	$96,100	$320,400
Electrical		$71,700
Mechanical		$309,400
Total	**$157,600**	**$778,500**
Importance Code A	$61,500	$77,000
Importance Code B	$96,100	$701,500
Total	**$157,600**	**$778,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,000			
Interior Architecture	$28,800		$300	$1,500
Electrical	$4,400	$700	$900	$800
Mechanical	$31,800	$300	$4,000	$300
Site Pavements	$46,600			
Total	**$129,500**	**$1,000**	**$5,200**	**$2,600**
Importance Code A	$18,000			
Importance Code B	$97,700	$1,000	$5,200	$2,600
Importance Code C	$13,900			
Total	**$129,500**	**$1,000**	**$5,200**	**$2,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 63 - BX MINISCHOOL
Asset # : 2520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2043	* *	5-10	$105,800	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$61,500	2058	* *	5	$600	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	100%	2-4	$18,000	2038	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : South Side Of Building								
Soffits								
Metal Panel	100%			2043	* *	5-10	$12,100	
Interior								
Floors								
Ceramic Tile	5%			2036	* *	5	$600	
Vinyl Tile	95%	2-4	$96,100	2033	$320,400	3	$4,400	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$3,900	
Metal Panel	75%			LIFE	* *	10	$6,500	
Ceilings								
AcousTileSusp.Lay-In	100%	2-4	$20,300	2038	* *	5	$6,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room Spaces And Corridors								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$1,400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Adjacent To Boston Road								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 63 - BX MINISCHOOL
Asset # : 2520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	75%	Now	$5,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : West Side Of Building								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : West Side Of Building								
Cast in Place Concrete	25%			2038	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Asphalt	75%	0-2	$13,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North Side Of Building								
Sinking/Subsiding, Extent : Moderate, Area Affected : 20%								
Location : North Side Of Building								
Rubber Matting	25%	0-2	$26,400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Northeast Corner Of Site								
Worn/Eroded, Extent : Moderate, Area Affected : 70%								
Location : Northeast Corner Of Site								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$3,800	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	95%			2033	$15,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2032	$29,900	5		$200
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5		$100
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		$200

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 63 - BX MINISCHOOL
Asset # : 2520

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$7,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	60%			2041	* *	10	$1,100	
Exit, Service	40%			2041	* *	1		
Exterior Lighting								
HID	10%	Now	$3,600	2043	* *			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$14,300	1	$2,900	
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$4,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2043	* *	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,700	
Terminal Devices								
Fan Coil Unit/Heat	100%			2033	$188,900	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room Ceiling								
Explanation : Electric Duct Heater								
Controls								
Electrical	100%			2028	$42,400			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%	Now	$24,100	2031	$120,500	2	$400	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Mechanical Room 1 Of 2 Units								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$12,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 63 - BX MINISCHOOL
Asset # : 2520

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,700	
Exhaust Fans								
Interior	100%			2033	$33,800	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Janitors Closet								
Explanation : 50 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 64 - BX**
Address : **1425 WALTON AVENUE BTWN: EAST 170 ST., EAST 171 S**
Borough : **BRONX** | **Agency's Number** : **X064**
Program / Asset # : **BOE0205.000 / 467** | **Yr Built/Renovated** : **1924 / 2007**
Area Sq Ft : **78,000** | **Project Type** : **EDUCATION**
Date of Survey : **24-Feb-2022** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **2843** **Lot** : **40** | **BIN** : **2008098**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$6,894,200	$135,000
Interior Architecture	$3,895,600	$2,234,700
Electrical	$129,700	$945,300
Mechanical	$2,187,300	$2,764,500
Site Pavements	$195,400	
Total	**$13,302,300**	**$6,079,500**
Importance Code A	$7,574,100	$135,000
Importance Code B	$4,441,000	$5,883,200
Importance Code C	$1,287,200	$61,300
Total	**$13,302,300**	**$6,079,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$183,200			
Interior Architecture	$56,200			$9,900
Electrical	$37,400	$7,300	$7,500	$9,500
Mechanical	$42,400	$11,000	$19,900	$11,000
Site Enclosure	$31,000			
Site Pavements	$37,800			
Total	**$388,000**	**$18,300**	**$27,500**	**$30,400**
Importance Code A	$183,200	$7,700	$7,700	$7,700
Importance Code B	$152,600	$10,600	$19,700	$22,700
Importance Code C	$52,200			
Total	**$388,000**	**$18,300**	**$27,500**	**$30,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	Now	$35,900	LIFE	* *	5	$15,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$70,300	
Masonry: Brick	90%	Now	$6,668,200	LIFE	* *	5	$135,000	
Repairs in Progress, Extent : N/A, Area Affected : 5%								
Location : At Front Entry								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 5%								
Location : Sidewalk Shed At Front Entry								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Brick At Front Entry								
Masonry: Limestone	5%			LIFE	* *	5	$11,200	
Windows								
Aluminum	90%	Now	$148,200	2049	* *	5	$7,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Missing Window Hardware Room 502								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal/Detention Type	10%	4+	$31,200	2059	* *	5	$3,100	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout - Window Guards								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$38,800	
Masonry: Brick	90%	4+	$77,800	LIFE	* *	5	$12,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	98%	Now	$45,900	2041	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Penthouse And Bulkhead Roof								
Cast in Place Concrete	2%			LIFE	* *	10	$1,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$24,000	LIFE	* *	5	$12,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%	Now	$95,300	2036	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Marble Panels	5%	0-2	$247,300	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sheet Vinyl/Rubber	2%	Now	$147,500	2043	* *	5	$1,700	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%	Now	$105,400	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Lobby, 2nd Floor And Throughout								
Traffic Topping	5%	Now	$269,000	2043	* *	5	$3,500	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	68%	Now	$635,300	2033	$2,117,600	3	$28,700	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Auditorium								
Vinyl Tile 9" X 9"	2%	Now	$397,900	2043	* *	3	$800	
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : 2nd Floor Rooms								
Wood	5%	Now	$168,100	2061	* *	5	$5,300	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	0-2	$51,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	10	$8,200	
Marble Panels	5%	0-2	$240,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	75%	Now	$994,900	LIFE	* *	5	$61,300	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$6,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$19,700	
Plaster	85%	Now	$542,600	LIFE	* *	5	$55,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 100%								
Location : Stair Tower, Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$19,000	2053	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Various Locations Throughout								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Iron Picket	50%	0-2	$10,400	2077	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : All Areas								
Retaining Walls								
Cast in Place Concrete	100%	4+	$1,700	2068	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Ramp Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$195,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Walton Avenue And 171st Street								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$7,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Ramp And Main Entrance Path And Exit 5								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	68%	2-4	$30,000	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Play Yard								
Pavers/Stone	2%			2042	* *			
Rubber Matting	30%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	95%			2033	$137,400	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Fused Knife Sw	10%	2-4	$18,000	2058	* *	5	$100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	65%			2032	$116,800	5	$1,300	
Molded Case Bkrs	15%			2049	* *	5	$300	
Wiring								
Braided Cloth	65%	2-4	$129,700	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2053	* *	1		
Thermoplastic	20%			2033	$39,900	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$68,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	2%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Battery	50%			2028	$65,500	10	$9,400	
Exit, Service	50%			2028	$16,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2038	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter And Roof								
Explanation : Operated By Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$29,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$201,200	1-3	$49,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$24,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Vault Basement								
Explanation : Two 7,500 Gallon Tanks For No.4 Fuel								
Conversion Equipment								
Steam Boiler	100%	0-2	$679,900	2053	* *	1	$69,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$12,500	2033	$624,600			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump In Basement								
Terminal Devices								
Air Handler	10%			2028	$146,800	1	$4,800	
Convector/Radiator	90%			2031	$574,000	1	$22,700	
Controls								
Pneumatic	100%			2027	$1,507,500			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	2%			2033	$37,000			
Window/Wall Unit	90%			2028	$265,900	1		
No Component	8%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,900	
Exhaust Fans								
Roof	100%			2028	$151,300	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,001,800	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$2,400	4	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
Generic	100%			2028	$34,800	1	$4,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Tankless Water Heater (POU								
Gas Fired	100%			2028	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2033	$30,800	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : With 500 Gallon Tank								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 65 - BX**
Address : **677 EAST 141 STREET BTWN: CYPRESS AVE, POWERS AVE.**
Borough : **BRONX** | **Agency's Number** : **X065**
Program / Asset # : **BOE0206.000 / 468** | **Yr Built/Renovated** : **1924 / 2010**
Area Sq Ft : **76,000** | **Project Type** : **EDUCATION**
Date of Survey : **06-May-2022** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5,Ph**
Block : **2571** **Lot** : **1** | **BIN** : **2003834**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$645,200	$250,400
Interior Architecture	$9,294,100	$65,200
Electrical	$196,400	$526,900
Mechanical	$111,400	$1,063,300
Site Pavements	$422,000	$53,900
Total	**$10,669,100**	**$1,959,700**
Importance Code A	$645,200	$250,400
Importance Code B	$9,634,500	$1,709,300
Importance Code C	$389,500	
Total	**$10,669,100**	**$1,959,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,700			
Interior Architecture	$55,900		$1,800	$21,000
Electrical	$22,700	$7,100	$9,600	$7,200
Mechanical	$50,100	$11,600	$12,000	$10,800
Site Enclosure	$49,300			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$205,600**	**$23,700**	**$28,400**	**$44,000**
Importance Code A	$30,200	$7,500	$7,500	$7,500
Importance Code B	$119,000	$16,100	$20,900	$32,100
Importance Code C	$56,300			$4,400
Total	**$205,600**	**$23,700**	**$28,400**	**$44,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$247,400	
Copper/Terne	2%			2068	* *	10	$7,400	
Masonry: Brick	80%	Now	$521,500	LIFE	* *	5	$126,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Powers Avenue Elevation At 5th Floor								
Masonry: Limestone	5%			LIFE	* *	5	$11,900	
Metal Panel	3%			2053	* *	5-10	$32,700	
Windows								
Aluminum	100%	Now	$14,300	2049	* *	5	$3,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$1,100	
Masonry: Brick	75%			LIFE	* *	5-10	$2,000	
Metal: Cage/Fence	15%			2038	* *	5-10	$400	
Roof								
Built-Up (BUR)	2%			2033	$14,700	10	$1,300	
Modified Bitumen	75%			2041	* *	10	$47,200	
Recent Installation, Extent : N/A, Area Affected : 75%								
Location : Main Roof								
Panel/Paver: Cer/Brk	23%			2043	* *	10	$19,300	
Soffits								
Stucco Cement	100%			2038	* *	5	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Roof Overhangs At Stair Bulkheads								
Interior								
Floors								
Ceramic Tile	5%			2042	* *	5	$6,100	
Quarry Tile	2%			2046	* *	5	$3,700	
Terrazzo	5%	4+	$28,700	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	48%	Now	$81,400	2038	* *	3	$22,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Classrooms 211, 210								
Vinyl Tile 9" X 9"	40%	Now	$8,664,600	2043	* *	3	$18,400	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Throughout Classrooms And Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$8,800	
Masonry: Brick	10%	Now	$67,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement And Roof Bulkheads								
Masonry: Fieldstone	10%			LIFE	* *	10	$7,100	
Plaster	75%	Now	$322,200	LIFE	* *	5	$39,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various 5th Floor Classrooms								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$23,000	
Plaster	85%	Now	$158,600	LIFE	* *	5	$65,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Auditorium Window Heads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various 5th Floor Classrooms And Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%	4+	$49,300	2053	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	20%			2053	* *			
Masonry: Fieldstone	80%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$75,400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Areas On Cypress And Powers Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	95%	Now	$346,500	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Rubber Matting	5%			2033	$53,900			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	30%			2053	* *	5	$100	
Fused Knife Sw	70%	2-4	$136,500	2063	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2033	$115,700	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$9,000	2058	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	80%			2041	* *	5	$1,600	
Molded Case Bkrs	15%			2032	$26,900	5	$300	
Wiring								
Braided Cloth	30%	2-4	$59,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	2%			2038	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	96%			2038	* *	10	$66,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	20%			2028	$9,400	1		
Emergency, Battery	30%			2028	$38,300	10	$5,500	
Exit, Battery	50%			2033	$53,800	10	$2,600	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	5%			2028	$17,700	10		
LED	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$142,700	1	$28,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$46,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	* *	5	$23,500	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$75,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$60,900	2043	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building								
Terminal Devices								
Air Handler	15%	Now	$10,700	2028	$214,500	1	$6,300	
Malfunctioning, Extent : Severe, Area Affected : 15%								
Location : Pneumatic Control Valves, Basement								
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement								
Convector/Radiator	85%	Now	$26,400	2031	$528,200	1	$18,800	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Connection Lines, Various Locations								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats. Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$90,200			
Window/Wall Unit	80%			2028	$230,300	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$13,400	
No Component	80%							
Exhaust Fans								
Interior	15%	Now	$50,600	2043	* *	2	$300	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room And House Exhaust At Penthouse								
Roof	5%			2033	$7,400	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$15,200	4	$2,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2033	$10,500	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING**		
Address	: **98 GRANT STREET @ SAINT PAULS AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R829**
Program / Asset #	: **BOE0956.000 / 2885**	**Yr Built/Renovated**	: **1897 / 2009**
Area Sq Ft	: **47,595**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2022**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **506** **Lot** : **81**	**BIN**	: **5013382**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$65,300	$65,300
Electrical		$175,600
Mechanical		$67,000
Site Enclosure	$194,400	
Total	**$259,700**	**$307,900**
Importance Code A	$65,300	$65,300
Importance Code B	$194,400	$242,600
Total	**$259,700**	**$307,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$51,500		$7,400	
Interior Architecture	$122,200	$14,200	$29,600	$4,700
Electrical	$5,100	$4,400	$6,000	$4,400
Mechanical	$65,300	$12,900	$31,600	$8,100
Site Pavements	$20,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$272,200**	**$39,500**	**$82,400**	**$25,100**
Importance Code A	$65,300	$1,900	$10,100	$1,900
Importance Code B	$115,000	$37,600	$72,300	$20,300
Importance Code C	$91,900			$2,900
Total	**$272,200**	**$39,500**	**$82,400**	**$25,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$75,600	
Masonry: Brick	40%			LIFE	* *	5	$55,000	
Masonry: Limestone	5%			LIFE	* *	5	$5,200	
Windows								
Aluminum	100%			2049	* *	5	$16,500	
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$20,900	
Masonry: Brick	30%			LIFE	* *	5-10	$10,400	
Metal Cornice	35%			2061	* *	10	$5,700	
Metal Rail	10%			2046	* *	5-10	$9,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,200	
Roof								
IRMA/Protected Membrane	33%			2041	* *	10	$16,300	
Metal Panel	2%			2046	* *	10	$1,800	
Modified Bitumen	25%			2038	* *	10	$12,400	
Slate	40%			LIFE	* *	10	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Simulated Slate Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,200	
Ceramic Tile	5%			2042	* *	5	$3,600	
Mosaic Tile	5%			2038	* *	5	$8,900	
Quarry Tile	5%			2046	* *	5	$5,300	
Vinyl Tile	40%			2038	* *	3	$10,700	
Wood	35%			2061	* *	5	$46,800	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$5,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,700	
Gypsum Board	35%			LIFE	* *	5-10	$69,700	
Plaster	55%			LIFE	* *	5-10	$54,700	
Ceilings								
AcousTileSusp.Lay-In	40%			2050	* *	5	$28,500	
Embossed Metal	50%			LIFE	* *	5	$32,100	
Plaster	10%			LIFE	* *	5-10	$12,200	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2053	* *			
Iron Picket	80%			2068	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	75%			2068	* *			
Masonry: Brick	25%	Now	$194,400	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$11,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	75%			2046	* *			
Pavers/Stone	20%			2042	* *			
Pavers/Stone	5%	Now	$9,000	2036	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 25%								
Location : North Side Exit								
Activity Yard								
Cast in Place Concrete	70%			2046	* *			
Rubber Matting	30%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600, Three 400, One 200 And One 15 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2038	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : The Electrical Room And The Elevators Electrical Room								
Explanation : Three 112.5, One 150, One 75 And One 15 Kilovolt Amperes, 480 High Voltage 220/120 Low Voltage								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2043	* *	1		

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P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	10%			2033	$77,700	10	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	90%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$43,700	10	$5,700	
Exit, Service	50%			2033	$11,200	1		
Exterior Lighting								
HID	20%			2033	$48,600	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$500	
Alarm								
Security System								
Generic	50%			2033	$48,900	1	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior And Exterior								
Explanation : Security Cameras System								
Generic	50%			2033	$48,900	1	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior								
Explanation : Intrusion System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$29,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2059	* *	1		
Natural Gas	80%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	80%	0-2	$13,000	2038	* *	1	$16,900	
Controller Not Working, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Six Gasoline Fired Remote Terminal Units. Unit 6 Is Manual And Building Management System Is Outdated Not Integrated.								
Radiant Heater	20%			2038	* *	2	$4,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Staircases And Hallways								
Explanation : 18 Units								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$33,600	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2038	* *	2	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Six Units, Refrigerant 410-a								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$77,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,000	
Exhaust Fans								
Roof	100%			2038	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$1,900	2032	$18,700	2		
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$1,000	

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DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2038	* *	1	$2,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To The Third Floor								
Explanation : 2 Units. Control And Hydraulic Power Unit Houses In Room. Malfunction Due To Excessive Heat.								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$13,300	
Chemical System								
Generic	100%			2031	$67,000	1-3	$55,800	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Kitchen								
Explanation : 15 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 66 - BK**		
Address	: **845 EAST 96TH STREET @FOSTER AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K066**
Program / Asset #	: **BOE1031.000 / 13584**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **129,940**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **8129** **Lot** : **1**	**BIN**	: **3325418**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$69,400	$1,249,600
Interior Architecture	$72,000	$4,212,000
Electrical		$2,169,400
Mechanical	$126,100	$132,000
Site Pavements		$360,200
Total	**$267,500**	**$8,123,300**
Importance Code A	$69,400	$1,249,600
Importance Code B	$198,000	$6,873,600
Total	**$267,500**	**$8,123,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$9,600
Interior Architecture	$18,200	$9,500	$17,700	$9,100
Electrical	$10,500	$29,100	$10,500	$12,000
Mechanical	$75,100	$72,100	$59,600	$109,300
Site Enclosure	$29,000			
Site Pavements	$52,600			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$193,300**	**$118,600**	**$95,700**	**$148,000**
Importance Code A	$12,900	$12,900	$12,900	$22,800
Importance Code B	$134,800	$102,000	$82,900	$125,200
Importance Code C	$45,600	$3,700		
Total	**$193,300**	**$118,600**	**$95,700**	**$148,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	3%			2067	* *	10	$9,600	
Glass Block	5%	Now	$69,400	LIFE	* *	5	$4,300	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Stairwells A, B, C, D - At Top Spandrel Opening								
Masonry: Brick Cavity	75%			LIFE	* *	5	$102,500	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$25,600	
Pre-Cast Concrete	7%			LIFE	* *	5	$31,100	
Windows								
Aluminum	95%			2048	* *	5	$23,600	
Metal Louvers	5%			2041	* *	10	$7,800	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$8,400	
Pre-Cast Concrete	15%			LIFE	* *	5	$9,300	
Roof								
Built-Up (BUR)	85%			2032	$1,056,700	10	$90,500	
Miss/Damaged Flashings, Extent : Light, Area Affected : 2%								
Location : Main Roof Adjacent To Mechanical Equipment								
Copper/Terne	15%			2060	* *	10	$39,900	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$42,500	
Ceramic Tile	3%			2035	* *	5	$5,800	
Poured Epoxy/Resin	2%			2030	$217,900			
Quarry Tile	2%			2045	* *	5	$5,800	
Terrazzo	5%	0-2	$18,200	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	73%			2032	$3,922,100	3	$53,200	
Wood	5%			2047	* *	5	$18,200	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$7,400	
Concrete Masonry Unit	15%			LIFE	* *	5	$8,900	
Glass: Single Pane	3%			LIFE	* *	5	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Foyer								
Explanation : Decorative Glass								
Gypsum Board	20%			LIFE	* *	5	$17,700	
SGFT/Glazed Masonry	57%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	74%			2037	* *	5	$143,900	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasiums								
Explanation : Component Lightweight Steel Barrel Vault With Metal Cladding								
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse And Basement								
Explanation : Metal Deck								
Gypsum Board	10%			LIFE	* *	5	$24,300	
Metal Panel	1%			LIFE	* *	5	$2,400	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2052	* *			
Iron Picket	30%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	30%			2067	* *			
Masonry: Brick	70%	Now	$29,000	2062	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Courtyard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	60%			2041	* *			
Cast in Place Concrete	10%			2045	* *			
Pavers/Stone	30%	Now	$16,600	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Adjacent To Play Equipment Areas								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Northwest Side Of Building								
Parking/Driveway								
Asphalt	100%			2041	* *			
Activity Yard								
Asphalt	75%			2035	* *			
Rubber Matting	20%	Now	$36,000	2032	$360,200			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Loose Rubber Matting Tiles North And South Yards								
Tripping Hazard, Extent : Moderate, Area Affected : 15%								
Location : North Playground								
No Component	5%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Main Service Disconnect Switches Rated At 2,500 Amperes And 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$600	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$300	
Molded Case Bkrs	90%			2040	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$40,000	
Generators								
Diesel	100%			2035	* *	1	$50,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Emergency Generator Room P01 B								
Explanation : Diesel Generator Rated At 400 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$29,000	
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Emergency Generator Room								
Explanation : 60 Gallon Capacity								
Main Tank	50%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2032	$1,898,300	10	$116,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2032	$19,400	10	$1,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors								
HID	1%			2032	$15,400	10		
Egress Lighting								
Emergency, Service	50%			2032	$40,000	1		
Exit, LED	50%			2047	* *	1		
Exterior Lighting								
HID	10%			2032	$60,600	10		
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2047	* *	5	$1,100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$73,200	1	$14,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$128,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$20,800	2052	* *			
Damaged, Extent : Severe, Area Affected : 10%								
Location : Boiler Room - Steam Condensate Return Pump System Leaking, Defective Valves And Gaskets								
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room - 2 Boiler Feedwater Pumps Leaking								
Recent Installation, Extent : N/A, Area Affected : 75%								
Location : Boiler Room - Boiler Feedwater Tank And Primary And Secondary Low Water Cut Off Devices								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Missing Pipe Insulation								
Terminal Devices								
Air Handler	60%			2037	* *	1	$48,200	
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Basement Mechanical Room, Penthouse, Mechanical Room 317								
Explanation : 10 Units. Refer To Air-conditioning For Notes.								
Convector/Radiator	40%			2045	* *	1	$16,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2037	* *	1	$60,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Air Conditioning Units In Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$9,600	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Penthouse								
Explanation : Pump Motors For Pump No.2 And No.3 Replaced In 2019 And 2017 Respectively.								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$126,100	2037	* *	1	$72,300	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Basement Mechanical Room, Mechanical Room 317, Penthouse; Local Control Panel For Each Air Handling Unit Is Malfunctioned.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room, Mechanical Room 317, Penthouse								
Explanation : 10 Units.								
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$90,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,500	
Exhaust Fans								
Interior	80%			2037	* *	2	$3,200	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement Mechanical Room, Mechanical Room 317, Penthouse								
Explanation : Inline Return Fans That Are Interlocked With Air Handlers.								
Roof	20%			2032	$50,400	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Input 399,000 Btu/hr; 300 Gallon Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit For Boiler System Drainage; 3 Units For Stormwater Drainage								
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$7,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Backflow Preventer								
Generic	100%			2037	* *	1	$8,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room, Room Rpz 139								
Explanation : 3 Units.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$65,500	
Sprinkler								
Generic	100%			2052	* *	1-2	$36,400	
Fire Pump								
Generic	100%			2041	* *	1	$24,300	
Chemical System								
Wet	100%			2030	$81,600	1-3	$92,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Unit								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 68 - BX**		
Address	: **4011 MONTICELLO AVENUE @STRANG AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X068**
Program / Asset #	: **BOE0209.000 / 2608**	**Yr Built/Renovated**	: **1926 / 2004**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4986** **Lot** : **81**	**BIN**	: **2067852**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$313,100	
Interior Architecture	$289,800	$2,015,600
Electrical	$227,400	$1,714,900
Mechanical	$168,100	$5,333,100
Total	**$998,500**	**$9,063,500**
Importance Code A	$313,100	$688,600
Importance Code B	$685,300	$8,374,900
Total	**$998,500**	**$9,063,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,800			$4,000
Interior Architecture	$59,100	$3,500	$8,800	$12,600
Electrical	$79,000	$2,200	$2,800	$36,200
Mechanical	$69,100	$29,300	$22,600	$29,900
Site Enclosure	$19,300			
Site Pavements	$15,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$307,600**	**$39,000**	**$38,100**	**$86,600**
Importance Code A	$96,200	$7,800	$7,800	$12,000
Importance Code B	$170,000	$30,300	$30,300	$74,600
Importance Code C	$41,400	$900		
Total	**$307,600**	**$39,000**	**$38,100**	**$86,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$42,000	
Masonry: Brick	36%			LIFE	* *	5	$38,700	
Masonry: Brick Cavity	35%	2-4	$65,500	LIFE	* *	5	$37,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Window Lintels On South Facade								
Masonry: Granite	10%			LIFE	* *	5	$8,100	
Metal Panel	2%			2052	* *	5-10	$14,800	
Marble Panels	2%			LIFE	* *	5	$1,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$34,900	
Windows								
Aluminum	100%	Now	$247,700	2048	* *	5	$13,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,600	
Masonry: Brick	85%	0-2	$49,000	LIFE	* *	5	$19,400	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : 1926 Roof, Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Roof Access Bulkhead, 2004 Roof								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : 1926 Brick, Adjacent 2004 Roof Access Door								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : 1926 Roof, 2004 Stair Bulkhead								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,200	
Roof								
Built-Up (BUR)	100%	0-2	$12,800	2037	* *			
Blisters, Extent : Severe, Area Affected : 10%								
Location : Bridge Connecting Roof								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 1%								
Location : 2004 Roof Adjacent Roof Access Door, Damaged Gutter								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : 1926 Roof								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,500	
Ceramic Tile	5%			2035	* *	5	$5,200	
Marble Panels	2%			LIFE	* *	5	$1,500	
Vinyl Tile	68%			2032	$1,935,200	3	$26,300	
Vinyl Tile 9" X 9"	10%	Now	$90,900	2042	* *	3	$3,900	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 1926 Wing Hallways, Rooms 215, 315, 315								
Wood	5%			2047	* *	5	$9,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2035	* *	5	$1,900	
Folding Partition	3%			2054	* *	5	$7,100	
Masonry: Brick	7%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	61%	0-2	$28,200	LIFE	* *	5	$17,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Room 314								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$198,900	2052	* *	5	$10,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Basement, Missing Tiles								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : 3rd Floor								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : 3rd Floor								
AcousTileConcealSpLn	10%			2037	* *	5	$12,900	
AcousTileSusp.Lay-In	10%			2049	* *	5	$10,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Lunch Room And Auditorium								
Exposed Struc: Concrete	20%			LIFE	* *	5	$3,200	
Fiber Board	5%			2032	$80,300			
Metal Panel	5%	Now	$3,400	LIFE	* *	5	$6,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	30%	Now	$18,800	LIFE	* *	5	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : All Stair D Landings, Outside Wall, Classroom 314								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : All Stair D Landings, Outside Wall								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 30%								
Location : Throughout								
Iron Picket	75%	2-4	$9,700	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$9,700	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stair, Hill Avenue								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Hill Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Coping At Playground, Hill Avenue								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Throughout, Hill Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$15,400	2045	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : Hill Avenue								
On-Site Walkways								
Cast in Place Concrete	60%			2037	* *			
Pavers/Stone	20%			2035	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exit 2								
Explanation : Slate Entry Landing								
Pavers/Stone	20%			2035	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Entry								
Explanation : Marble Landing And Stairs								
Activity Yard								
Asphalt	45%			2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Pavers/Stone	35%			2041	* *			
Rubber Matting	20%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2042	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room, Basement								
Explanation : One 2000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	50%			2032	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : Two 1200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	50%			2032	$97,500	5	$200	
Fused Disc Sw	50%			2042	* *	5	$200	
Raceway								
Conduit	70%			2032	$101,200	1		
Conduit	30%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Molded Case Bkrs	80%			2031	$143,700	5	$1,700	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	$95,500	5	$400	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$1,130,500	10	$69,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2040	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	20%			2027	$26,500	10	$3,800	
Emergency, Battery	30%	Now	$39,800	2042	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallway 1st Floor And Basement								
Exit, Service	50%			2032	$17,000	1		
Exterior Lighting								
HID	10%			2032	$36,900	10		
HID	10%	Now	$36,900	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$29,700	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$61,100	1-3	$15,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bell, Pull Station Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	0-2	$9,200	2032	$183,700	5	$12,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Circulating Oil Pump Is Leaking								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$34,400	2030	$688,600	1	$70,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubing Of Boilers Is Required								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%			2032	$2,221,500	4	$5,800	
Terminal Devices								
Air Handler	30%			2032	$446,000	1	$14,700	
Convector/Radiator	50%			2030	$323,000	1	$12,800	
Fan Coil Unit/Heat	20%	0-2	$78,300	2032	$391,700	1	$4,600	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Throughout. 70 Percent Fan Coil Units Are Not Working								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Split Unit	5%			2037	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : 1 Unit								
Window/Wall Unit	30%			2027	$89,800	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,100	
Exhaust Fans								
Interior	20%			2032	$70,100	2	$500	
Roof	30%	Now	$2,300	2032	$46,000	2	$600	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Roof Exhaust Fans								
No Component	50%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2030	$1,008,500	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$7,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$15,800	2042	* *	4	$1,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$1,100	
Chemical System								
No Component	80%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 68 - BX MINISCHOOL**				
Address	: **4011 MONTICELLO AVENUE @STRANG AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X068**
Program / Asset #	: **BOE0209.010 / 13421**			**Yr Built/Renovated**	: **1997 /**
Area Sq Ft	: **9,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **02-Dec-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **4986**	**Lot**	: **81**	**BIN**	: **2067852**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$182,100
Electrical		$335,900
Mechanical		$134,700
Total		**$652,700**
Importance Code A		$247,100
Importance Code B		$405,600
Total		**$652,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,800		$23,400	
Interior Architecture		$8,200	$1,100	$1,000
Electrical	$200	$200	$400	$20,900
Mechanical	$16,600	$1,100	$1,200	$18,700
Total	**$50,600**	**$9,500**	**$26,100**	**$40,600**
Importance Code A	$33,800		$23,400	$100
Importance Code B	$16,800	$9,500	$1,600	$40,500
Importance Code C			$1,100	
Total	**$50,600**	**$9,500**	**$26,100**	**$40,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX MINISCHOOL

Asset # : 13421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	4+	$4,800	LIFE	* *	5	$8,000	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : South Facade Facing Courtyard								
Metal Panel	90%	Now	$19,100	2052	* *	5	$27,000	
Deformed/Dented, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Room T10 At Base Of Window								
Windows								
Aluminum	60%	0-2	$9,900	2054	* *	5	$500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Security Gate								
Metal Louvers	40%			2041	* *	10	$4,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Roll Roofing	100%			2031	$182,100	5	$46,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : No Access								
Interior								
Floors								
Sheet Vinyl/Rubber	10%			2037	* *	5	$2,100	
Vinyl Tile	90%			2037	* *	3	$4,600	
Interior Walls								
Ceramic Tile	10%			2041	* *	5	$2,300	
Gypsum Board	90%			LIFE	* *	5	$12,200	
Ceilings								
AcousTileSusp.Lay-In	100%			2045	* *	5	$13,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 30%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2052	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : At Wall Drains								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : At Base Of Wall, No Other Water On Site								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Wall Drains								
Explanation : Drains Clogged With Vegetation Growth								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 68 - BX MINISCHOOL
Asset # : 13421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	85%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Activity Yard								
Explanation : Recent Replacement Evident								
Rubber Matting	15%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2032	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	$65,000	5	$200	
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	95%			2031	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$134,200	10	$8,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2027	$7,600	10	$1,100	
Exit, Service	50%			2032	$1,900	1		
Exterior Lighting								
HID	20%			2027	$8,400	10		
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 68 - BX MINISCHOOL
Asset # : 13421

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$3,400	1	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$7,000	1-3	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2052	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	100%	Now	$13,500	2033	$134,700	2	$400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 1 Out Of 10 Units Is Not Working On The 1st Floor In Room M10								
Other Observation, Extent : Light, Area Affected : 100%								
Location : One In Each Classroom								
Explanation : 10 Units								
Ventilation								
Exhaust Fans								
Roof	20%	Now	$700	2032	$3,500	2		
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Roof								
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Classrooms								
Explanation : Ventilation Is Carried Out Through The Air Conditioning Units								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040
P. S. 68 - BX MINISCHOOL
Asset # : 13421

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 69 - BX**		
Address	: **560 THIERIOT AVENUE @SOUNDVIEW AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X069**
Program / Asset #	: **BOE0210.000 / 469**	**Yr Built/Renovated**	: **1924 / 2010**
Area Sq Ft	: **35,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3**		
Block	: **3524** **Lot** : **20**	**BIN**	: **2021482**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$109,100	
Electrical	$117,200	$196,600
Mechanical	$409,300	
Total	**$635,600**	**$196,600**
Importance Code A	$91,500	
Importance Code B	$435,000	$196,600
Importance Code C	$109,100	
Total	**$635,600**	**$196,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$36,900
Interior Architecture	$36,600	$5,600		$800
Electrical	$2,100	$1,800	$2,000	$61,500
Mechanical	$56,800	$6,300	$9,000	$87,300
Site Enclosure	$44,700			
Site Pavements	$33,600			
Total	**$173,700**	**$13,600**	**$11,000**	**$186,500**
Importance Code A		$3,500	$3,500	$40,500
Importance Code B	$140,300	$10,100	$7,500	$146,100
Importance Code C	$33,500			
Total	**$173,700**	**$13,600**	**$11,000**	**$186,500**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$19,900	
Masonry: Brick	80%			LIFE	* *	5	$40,800	
Masonry: Granite	4%			LIFE	* *	5	$1,500	
Masonry: Limestone	3%			LIFE	* *	5	$1,100	
Metal Panel	5%			2052	* *	5-10	$17,500	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,000	
Windows								
Aluminum	100%			2048	* *	5	$9,500	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$6,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,200	
Roof								
Built-Up (BUR)	97%			2037	* *	10	$32,100	
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Roof								
Explanation : Mostly Snow Covered								
Skylight, Metal/Glass	3%			2052	* *	10	$3,300	
Soffits								
Stucco Cement	100%			2037	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,500	
Ceramic Tile	5%			2035	* *	5	$2,500	
Marble Panels	5%			LIFE	* *	5	$1,900	
Quarry Tile	2%			2037	* *	5	$1,500	
Terrazzo	5%			LIFE	* *	5	$2,000	
Vinyl Tile	68%			2037	* *	3	$12,900	
Wood	10%	Now	$30,200	2060	* *	5	$4,700	
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Rooms 201, 202, 204, 208 And Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$6,400	2041	* *	5	$2,900	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Girls Bathroom On First Floor								
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Girls Bathroom On First Floor								
Loose Units, Extent : Severe, Area Affected : 25%								
Location : Girls Bathroom On First Floor								
Glass: Single Pane	1%			LIFE	* *	5	$900	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	77%	Now	$109,100	LIFE	* *	5	$26,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Below Windows At 2nd And 3rd Floors Throughout Rear Facade								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Below Windows At 2nd And 3rd Floors Throughout Rear Facade								
Ceilings								
Exposed Struc: Concrete	25%			LIFE	* *	5	$2,000	
Plaster	75%			LIFE	* *	5	$23,700	
Site Enclosure								
Fence/Gates								
Chain Link	90%	4+	$23,000	2042	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout Site Perimeter								
Iron Picket	10%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$21,700	2052	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Thieriot Avenue And Leland Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$29,500	2045	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Near Exits 6 And 7								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$4,000	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Driveway Ramp On Thieriot Ave								
Activity Yard								
Asphalt	95%			2041	* *			
Rubber Matting	5%			2032				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2052	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	90%			2032	$55,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$8,000	5	$100	
Fused Disc Sw	2%			2048	* *	5		
Molded Case Bkrs	20%			2048	* *	5	$200	
Molded Case Bkrs	70%			2031	$69,900	5	$600	
Wiring								
Braided Cloth	70%	2-4	$54,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Thermoplastic	20%			2032	$15,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	2%			2037	* *	10	$600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Fluorescent	98%			2037	* *	10	$31,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$4,200	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2037	* *	10		
HID	10%			2027	$16,300	10		
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$6,600	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Offices And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	10%			2037	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2027	$63,200	1-3	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Bell, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	Now	$91,500	2045	* *	1	$31,200	
Broken, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room. Boilers Needs To Be Retubed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%			2052	* *	4	$2,600	
Terminal Devices								
Air Handler	40%	Now	$13,200	2027	$263,500	1	$7,800	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Broken Belt. Blower For The Auditorium								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Throughout Due To Dust In The Duct								
Convector/Radiator	60%			2037	* *	1	$6,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2037	* *			
Window/Wall Unit	10%			2027	$13,300	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$30,700	LIFE	* *	2-5	$19,500	
Needs Cleaning, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exhaust Fans								
Interior	35%	0-2	$5,400	2027	$54,300	2	$300	
Broken, Extent : Moderate, Area Affected : 20%								
Location : House Exhaust Broken Motor								
Roof	65%			2027	$44,100	2	$700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,500	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 20%								
Location : Backs Up In Basement With Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%			2032	$7,000	4	$1,100	
Backflow Preventer								
No Component	95%							
Generic	5%			2032	$800	1	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$500	
Chemical System								
Wet	20%			2027	$16,300	1-3	$18,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
No Component	80%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 69 - BX ANNEX**		
Address	: **639 THIERIOT AVENUE BTWN: RANDALL AVE. - SEWARD AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **LEASE-X880**
Program / Asset #	: **BOE1063.000 / 14390**	**Yr Built/Renovated**	: **1966 /**
Area Sq Ft	: **8,909**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-May-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3559** **Lot** : **1**	**BIN**	: **2096912**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$127,700	
Interior Architecture	$1,059,100	
Electrical		$50,200
Mechanical		$209,100
Site Pavements	$64,000	
Total	**$1,250,800**	**$259,200**
Importance Code A	$127,700	$94,700
Importance Code B	$1,059,100	$164,600
Importance Code C	$64,000	
Total	**$1,250,800**	**$259,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$31,200	
Interior Architecture	$47,500			$1,300
Electrical	$3,200	$500	$48,400	$600
Mechanical	$4,700	$800	$5,800	$1,400
Site Enclosure	$1,800			
Site Pavements	$4,400			
Total	**$61,700**	**$1,300**	**$85,400**	**$3,200**
Importance Code A	$400	$400	$31,600	$400
Importance Code B	$50,800	$900	$53,800	$2,800
Importance Code C	$10,400			
Total	**$61,700**	**$1,300**	**$85,400**	**$3,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX ANNEX

Asset # : 14390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$16,700	
Metal Panel	15%			2041	* *	5-10	$20,300	
Windows								
Steel	100%	Now	$64,800	2056	* *	5	$9,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	100%			2044	* *	5-10	$103,600	
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Throughout								
Roof								
Single Ply Membrane	100%			2036	* *	10	$25,700	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Ceramic Tile	5%	0-2	$1,900	2034	* *	5	$300	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Terrazzo	20%			LIFE	* *	5	$2,100	
Vinyl Tile	30%			2039	* *	3	$2,000	
Vinyl Tile 9" X 9"	45%	Now	$21,200	2026	$1,059,100	3	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Classrooms Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$6,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room								
Ceramic Tile	5%	Now	$2,300	2034	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Concrete Masonry Unit	60%			LIFE	* *	5	$4,000	
Gypsum Board	25%			LIFE	* *	5	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - BX ANNEX
Asset # : 14390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	70%	Now	$15,000	2036	* *	5	$5,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout Corridors								
AcousTileSusp.Lay-In	5%			2044	* *	5	$700	
Exposed Struc: Concrete	5%			LIFE	* *	5	$100	
Gypsum Board	20%			LIFE	* *	5	$3,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%	4+	$1,800	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : East Side Of Property								
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$4,400	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : East Side								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	100%	Now	$64,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - BX ANNEX
Asset # : 14390

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2031	$3,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room - Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2031	$3,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room - Basement								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2031	$32,500	5		
Molded Case Bkrs	50%			2051	* *	5	$100	
Panelboards								
Fused Disc Sw	5%			2030	$1,500	5		
Fused Disc Sw	5%			2047	* *	5		
Molded Case Bkrs	90%			2047	* *	5	$200	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$50,200	5		
Locally Mounted	30%			2044	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%	Now	$2,700	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$3,900	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	50%			2026	$20,800	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Switches								
No Component	50%							
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$23,000	1-3	$5,500	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Systems Stays In Trouble Status, Pull Stations And Bells Do Not Work								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - BX ANNEX
Asset # : 14390

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	$20,400	5	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One Tank Of 3,000 Gallons - Equipment Owned And Operated By Holy Cross Church								
Conversion Equipment								
Hot Water Boiler	100%			2029	$94,700	1	$4,400	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Two No. 2 Oil Burning Hot Water Boilers Equipment Owned And Operated By Holy Cross Church								
Distribution								
Hot Wtr Piping/Pump	100%			2030	$19,500	4	$700	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Equipment Owned And Operated By Holy Cross Church								
Terminal Devices								
Air Handler	10%			2031	$16,800	1	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Classroom Ventilator With Electric Coil.								
Convector/Radiator	90%			2036	* *	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2031	$19,500	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 2 Package Units On Roof								
Window/Wall Unit	10%			2026	$3,400	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,500	
No Component	70%							
Exhaust Fans								
Roof	100%			2036	* *	2	$300	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX ANNEX

Asset # : 14390

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	8%	4+	$3,700	2031	$9,200	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Cold Water Service Into Basement								
Brass/Copper	92%			2031	$105,300	1		
HW Heat Exchanger								
Steam Fired	100%			2031	$43,100	4	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$1,800	4	$200	
Backflow Preventer								
Generic	100%			2036	* *	1	$600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 69 - BX MINISCHOOL**		
Address	: **560 THIERIOT AVENUE @ SOUNDVIEW AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X869**
Program / Asset #	: **BOE0210.010 / 2692**	**Yr Built/Renovated**	: **1970 /**
Area Sq Ft	: **9,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3524** **Lot** : **20**	**BIN**	: **2021482**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$187,100	
Electrical		$71,700
Mechanical		$142,300
Total	**$187,100**	**$214,000**
Importance Code A	$187,100	
Importance Code B		$214,000
Total	**$187,100**	**$214,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$22,400	$8,200	$300	
Electrical	$300	$200	$300	$36,200
Mechanical	$3,500	$1,600	$2,300	$43,500
Site Enclosure	$20,800			
Total	**$47,000**	**$10,100**	**$3,000**	**$79,700**
Importance Code A	$400	$400	$400	$500
Importance Code B	$3,300	$9,700	$2,500	$79,200
Importance Code C	$43,200			
Total	**$47,000**	**$10,100**	**$3,000**	**$79,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - BX MINISCHOOL
Asset # : 2692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	4+	$53,000	2042	* *	5	$30,000	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : All Elevations								
Windows								
Aluminum	100%	Now	$82,600	2057	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Metal Panel	100%			2037	* *	10	$51,400	
Soffits								
Metal Panel	100%			2042	* *	5-10		
Interior								
Floors								
Ceramic Tile	5%			2041	* *	5	$700	
Vinyl Tile	95%			2040	* *	3	$4,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$22,400	2047	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Toilet Rooms								
Concrete Masonry Unit	50%			LIFE	* *	5	$4,500	
Fiberglass Panel	2%			LIFE	* *			
Metal Panel	45%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2045	* *	5	$13,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$20,800	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Site Pavements								
Activity Yard								
Asphalt	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - BX MINISCHOOL
Asset # : 2692

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	95%			2031	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2027	$7,600	10	$1,100	
Exit, Service	50%			2027	$1,900	1		
Exterior Lighting								
HID	20%			2027	$8,400	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$1,700	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	10%			2037	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$7,000	1-3	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway								
Explanation : Bell, Manual Pull Box								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - BX MINISCHOOL
Asset # : 2692

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2032	$28,000	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room. Ceiling Mounted Duct								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2033	$142,300	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,000	
Exhaust Fans								
Interior	100%			2040	* *	2	$300	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Electric	100%			2027	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	20%			2027	$16,300	1-3	$18,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 7 - BK**		
Address	: **858 JAMAICA AVE. @HEMLOCK ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K007**
Program / Asset #	: **BOE1001.000 / 4508**	**Yr Built/Renovated**	: **1999 / 1999**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4106** **Lot** : **39**	**BIN**	: **3090998**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,175,900
Interior Architecture	$69,600	$69,600
Electrical		$1,669,700
Mechanical		$1,596,500
Total	**$69,600**	**$4,511,800**
Importance Code A		$1,175,900
Importance Code B	$69,600	$3,335,900
Total	**$69,600**	**$4,511,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$12,600
Interior Architecture		$33,000	$9,500	
Electrical	$39,000	$25,100	$10,500	$11,800
Mechanical	$75,700	$50,400	$41,500	$60,000
Site Enclosure	$2,100			
Site Pavements	$9,800			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$134,600**	**$116,400**	**$69,400**	**$92,300**
Importance Code A	$10,100	$10,100	$10,100	$23,000
Importance Code B	$119,100	$106,300	$54,800	$69,400
Importance Code C	$5,400		$4,600	
Total	**$134,600**	**$116,400**	**$69,400**	**$92,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	* *	5	$156,200	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$33,700	
Metal Panel	3%			2052	* *	5-10	$37,000	
Windows								
Aluminum	100%			2048	* *	5	$36,300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$11,900	
Metal Panel	10%			2052	* *	5	$5,100	
Roof								
Built-Up (BUR)	100%			2032	$939,300	10	$80,500	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Soffits								
Metal Panel	100%			2052	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,500	
Ceramic Tile	5%			2041	* *	5	$9,900	
Quarry Tile	5%			2045	* *	5	$14,900	
Terrazzo	10%			LIFE	* *	5	$15,500	
Vinyl Tile	65%			2037	* *	3	$48,500	
Wood	5%			2060	* *	5	$18,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	$9,100	
Concrete Masonry Unit	43%			LIFE	* *	5	$31,400	
Gypsum Board	15%			LIFE	* *	5	$16,400	
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	2%			LIFE	* *	5	$14,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Wood Wall Panels								
Ceilings								
AcousTileSusp.Lay-In	70%			2037	* *	5	$139,300	
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,100	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%			2037	* *			
Metal Panel	5%			LIFE	* *	5	$12,400	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2052	* *			
Concrete Masonry Unit	30%			2052	* *			
Iron Picket	35%	Now	$2,100	2067	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Bifold Gates On East And West Yard Entrances Broken								
Masonry: Brick	5%			2052	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$6,600	2045	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 2%								
Location : Crescent Street								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$3,200	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Sidewalk Apron On Hemlock Street								
Activity Yard								
Asphalt	85%			2035	* *			
Rubber Matting	15%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2042	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 3,000 Amperes For Transformer Service, One 1,200 Amperes For Main Service								
Fused Disc Sw	10%			2042	* *	5		
Transformers								
Dry Type	100%			2037	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 750 Kilovolt-ampere 208hv-480/277lv And One 150 Kilovolt-ampere 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$400	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	20%			2037	* *	5	$100	
Motor Control Center	80%			2037	* *	5	$2,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%	Now	$13,400	2049	* *	1	$28,200	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Within Generator Enclosure On Roof								
Explanation : Transfer Switch Will Not Transfer Back To Normal Power								
Generators								
Diesel	100%	Now	$13,900	2035	* *	1	$35,600	
Enclosure Corroded, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Water Present, Extent : Moderate, Area Affected : 20%								
Location : Within Generator Enclosure On Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One 288 Kilovolt-ampere								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$22,700	
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 200 Gallons								
Main Tank	50%	Now	$1,500	2060	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Fuel Gage Malfunctioning. One 3,500 Gallon Tank.								
Lighting								
Interior Lighting								
Fluorescent	85%			2032	$1,292,400	10	$79,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2032	$152,100	10	$9,400	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	5%	Now	$1,200	2037	* *			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Explanation : 2 Fixtures Are Dark								
Egress Lighting								
Emergency, Service	65%			2032	$40,800	1		
Exit, Service	35%	Now	$6,200	2042	* *	1		
Not Functioning, Extent : Severe, Area Affected : 50%								
Location : Throughout The Building								

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2032	$47,600	10		
No Component	90%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$57,400	1	$11,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$78,900	1-3	$18,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$101,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2052	* *			
Terminal Devices								
Air Handler	40%			2037	* *	1	$25,200	
Convector/Radiator	60%			2045	* *	1	$19,800	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2032	$1,354,300	1	$42,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Split Unit	10%			2032	$242,200			
Abandoned in Place, Extent : Light, Area Affected : 2%								
Location : On Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$7,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%	0-2	$39,600	2037	* *	1	$56,800	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Air Handling Unit Due To New Filters								
Heat Rejection								
Dry Cooler	100%			2037	* *	2	$71,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,900	
Exhaust Fans								
Roof	100%			2037	* *	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Electric	10%			2030	$2,400	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Back Up Unit To The Gas Water Heater								
Gas Fired	90%			2030	$15,400	2		
HW Heat Exchanger								
Steam Fired	100%			2052	* *	4	$15,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$20,400	4	$3,200	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$6,100	
Backflow Preventer								
Generic	100%			2037	* *	1	$6,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$51,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$28,600	
Fire Pump								
Generic	100%			2041	* *	1	$19,100	
Chemical System								
No Component	97%							
Generic	3%			2030	$2,400	1-3	$2,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 70 - BX**		
Address	: **1691 WEEKS AVENUE @ E.173 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X070**
Program / Asset #	: **BOE0211.000 / 470**	**Yr Built/Renovated**	: **1925 / 2003**
Area Sq Ft	: **137,600**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2793** **Lot** : **28**	**BIN**	: **2007387**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$381,600
Interior Architecture	$1,882,500	$1,651,200
Electrical	$667,000	$678,000
Mechanical	$2,641,100	$1,052,100
Total	**$5,190,600**	**$3,762,800**
Importance Code A		$381,600
Importance Code B	$4,799,200	$3,321,900
Importance Code C	$391,400	$59,400
Total	**$5,190,600**	**$3,762,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,900		$39,900	$14,800
Interior Architecture	$146,600	$20,200	$7,700	$9,000
Electrical	$8,200	$5,400	$38,400	$4,600
Mechanical	$97,400	$25,300	$101,100	$29,500
Site Enclosure	$6,700			
Site Pavements	$40,400			
Total	**$344,200**	**$50,900**	**$187,200**	**$57,900**
Importance Code A	$58,500	$13,600	$53,900	$28,400
Importance Code B	$235,400	$27,300	$133,300	$29,500
Importance Code C	$50,200	$9,900		
Total	**$344,200**	**$50,900**	**$187,200**	**$57,900**

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$76,500	
Masonry: Brick	90%			LIFE	* *	5	$176,300	
Recent Repair Evident, Extent : N/A, Area Affected : 90%								
Location : Facade								
Masonry: Limestone	5%			LIFE	* *	5	$7,300	
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Facades								
Windows								
Aluminum	100%			2047	* *	5	$29,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$16,100	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Parapet Walls								
Masonry: Brick	70%			LIFE	* *	5	$14,600	
Recent Repair Evident, Extent : N/A, Area Affected : 90%								
Location : Parapets								
Metal: Cage/Fence	20%			2044	* *	5-10	$32,200	
Roof								
Built-Up (BUR)	30%			2036	* *	10	$39,900	
Metal Panel	5%			2044	* *	10	$12,200	
Panel/Paver: Cer/Brk	35%			2051	* *	10	$62,100	
Paver: Asphalt	15%	Now	$13,900	2034	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Roof Area Near Pool Roof								
Skylight, Metal/Glass	15%			2051	* *	10	$66,600	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$35,000	LIFE	* *	5	$45,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	10%			2040	* *	5	$20,600	
Quarry Tile	5%			2036	* *	5	$15,400	
Terrazzo	5%	Now	$48,100	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Second Floor								
Vinyl Tile	25%	Now	$142,100	2031	$1,421,300	3	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	Now	$181,600	2041	* *	3	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Rooms 503,502,519,517								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Rooms 503,502,519,517								
Wood	5%			2059	* *	5	$19,300	
Wood	30%	Now	$1,104,700	2046	* *	5	$57,900	
Misaligned/Bulging, Extent : Severe, Area Affected : 40%								
Location : Rooms 515,506								
Interior Walls								
Cast in Place Concrete	5%	0-2	$150,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	2%	Now	$43,600	2040	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Toilets								
Ceramic Tile	5%			2040	* *	5	$19,800	
Concrete Masonry Unit	3%			LIFE	* *	5	$4,800	
Gypsum Board	20%			LIFE	* *	5	$47,500	
Masonry: Brick	5%			LIFE	* *			
Metal: Cage/Fence	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Stair Wells								
Explanation : Wire Mesh Partitions								
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$240,900	LIFE	* *	5	$59,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Classrooms								

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,800	
Exposed Struc: Steel	2%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Pool Area								
Explanation : Steel Truss								
Metal Panel	3%	Now	$10,200	LIFE	* *	5	$7,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Plaster	10%	Now	$62,600	LIFE	* *	5	$12,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkheads								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair Bulkheads								
Plaster	70%			LIFE	* *	5	$90,000	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Iron Picket	50%	4+	$6,700	2051	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 174th Street								
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$40,400	2044	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Weeks Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Cast in Place Concrete	50%			2044	* *			
Rubber Matting	50%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2041	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 3,000 Amperes								
Fused Disc Sw	10%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$600	
Raceway								
Conduit	85%			2031	$245,500	1		
Conduit	15%			2041	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$15,000	5	$200	
Fused Disc Sw	5%			2039	* *	5	$200	
Fused Knife Sw	1%	2-4	$3,000	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room Basement								
Molded Case Bkrs	79%			2030	$236,500	5	$2,900	
Molded Case Bkrs	10%			2039	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2041	* *	1		
Thermoplastic	15%			2031	$59,900	1		
Motor Controllers								
Locally Mounted	75%			2029	$136,100	5	$700	
Locally Mounted	25%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$121,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2036	* *	10	$2,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Fan Room Basement								
LED	2%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	25%			2026	$57,700	10	$8,300	
Emergency, Battery	25%			2036	* *	10	$8,300	
Exit, Service	25%			2026	$14,800	1		
Exit, Battery	25%			2036	* *	10	$2,300	
Exterior Lighting								
HID	20%			2026	$128,400	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$77,500	1	$15,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Which Include Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Smoke Detector, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$42,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$136,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$22,000	2051	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Boiler No. 2 Header Is Leaking								
Terminal Devices								
Air Handler	40%			2026	$1,035,800	1	$34,000	
Convector/Radiator	40%			2029	$450,100	1	$17,800	
Fan Coil Unit/Heat	20%	Now	$13,600	2026	$682,300	1	$8,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. 4 Units Are Malfunctioning Due To Mechanical/ Electrical Defects.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2026	$312,800	1		
Air Cooled interior Pkg Unit	20%			2032	$448,400	2	$1,700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : For Pool Area								
No Component	20%							
Heat Rejection								
Dry Cooler	100%			2036	* *	2	$95,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,700	
Exhaust Fans								
Interior	100%			2026	$610,300	2	$4,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$27,500	4	$2,900	
Pool Filter/Treatment								
Sand	100%			2036	* *	4	$51,100	
Sewage Ejector(s)								
Electric	100%			2031	$72,000	4	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 6 Units								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2031	$38,100	1-2	$800	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 70 - BX MINISCHOOL**		
Address	: **1691 WEEKS AVENUE WEEKS AVE AND E. 173 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X870**
Program / Asset #	: **BOE0211.010 / 2591**	**Yr Built/Renovated**	: **1970 / 2007**
Area Sq Ft	: **9,130**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2793** **Lot** : **28**	**BIN**	: **2007387**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$82,600	$80,000
Interior Architecture		$559,800
Electrical		$136,700
Mechanical		$144,400
Total	**$82,600**	**$920,800**
Importance Code A	$82,600	$80,000
Importance Code B		$840,900
Total	**$82,600**	**$920,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$30,000	
Interior Architecture	$6,600	$1,900	$200	
Electrical	$300	$400	$14,900	$300
Mechanical	$500	$1,900	$1,900	$2,100
Total	**$7,400**	**$4,100**	**$46,900**	**$2,400**
Importance Code A	$500	$500	$30,500	$500
Importance Code B	$7,000	$3,700	$16,500	$1,900
Importance Code C				
Total	**$7,400**	**$4,100**	**$46,900**	**$2,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 70 - BX MINISCHOOL
Asset # : 2591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2051	* *	5-10	$109,900	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Facades								
Windows								
Aluminum	100%	Now	$82,600	2056	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Roof								
Metal, Corrugated	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Liquid Applied Membrane Over Roof Surface								
Soffits								
Metal Panel	100%			2051	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	4%			LIFE	* *	5	$1,200	
Ceramic Tile	5%			2040	* *	5	$700	
Mosaic Tile	1%			2036	* *	5	$300	
Vinyl Tile	90%			2031	$339,800	3	$4,600	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$2,300	
Metal Panel	75%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2029	$220,000	5	$13,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter								
Explanation : Shared With Main School, Public School 70								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 70 - BX MINISCHOOL
Asset # : 2591

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Main Building								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$65,000	5		
Raceway								
Conduit	95%			2031	$15,400	1		
Conduit	5%			2041	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$1,500	5		
Molded Case Bkrs	90%			2030	$26,900	5	$200	
Molded Case Bkrs	5%			2039	* *	5		
Wiring								
Thermoplastic	95%			2031	$20,400	1		
Thermoplastic	5%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$8,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,100	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	30%			2036	* *	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$5,100	1	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only Which Include Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 70 - BX MINISCHOOL
Asset # : 2591

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2031	$28,400	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Duct Mounted, Equipment Room								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2029	$144,400	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Air Conditioning Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units Associated With 2 Gas Fired Furnaces								
Heat Rejection								
Dry Cooler	100%			2031	$41,900	2	$6,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,100	
Exhaust Fans								
Interior	100%			2031	$40,500	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2031	$4,800	4	$400	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 71 - BX**
Address : **3040 ROBERTS AVENUE @HOBART AVE.**
Borough : **BRONX**
Agency's Number : **X071**
Program / Asset # : **BOE0212.000 / 471**
Yr Built/Renovated : **1925 / 2000**
Area Sq Ft : **110,000**
Project Type : **EDUCATION**
Date of Survey : **18-Nov-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **4171** **Lot** : **1** **BIN** : **2046140**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$783,100	$207,100
Interior Architecture	$71,300	$3,707,800
Electrical	$430,600	$376,400
Mechanical	$1,370,600	$463,500
Site Pavements	$150,800	$802,300
Total	**$2,806,400**	**$5,557,100**
Importance Code A	$783,100	$207,100
Importance Code B	$2,023,300	$4,490,600
Importance Code C		$859,400
Total	**$2,806,400**	**$5,557,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$35,600			$55,400
Electrical	$2,700	$3,700	$2,700	$60,900
Mechanical	$77,000	$17,400	$25,500	$77,100
Site Enclosure	$3,900			
Site Pavements	$3,000			
Total	**$122,200**	**$21,000**	**$28,200**	**$193,400**
Importance Code A	$10,900	$10,900	$10,900	$11,100
Importance Code B	$104,300	$10,100	$17,300	$182,200
Importance Code C	$6,900			
Total	**$122,200**	**$21,000**	**$28,200**	**$193,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,700	
Masonry: Brick	88%			LIFE	* *	5	$143,500	
Masonry: Granite	5%			LIFE	* *	5	$6,100	
Masonry: Marble	2%			LIFE	* *	5	$2,400	
Windows								
Aluminum	100%	4+	$712,800	2048	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Glazing Clouded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,100	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,500	
Masonry: Brick	85%			LIFE	* *	5	$18,800	
Roof								
Built-Up (BUR)	100%			2037	* *	10	$70,400	
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Asphalt Poured	2%			2037	* *	5	$2,000	
Cast in Place Concrete	10%			LIFE	* *	5	$44,100	
Terrazzo	2%			LIFE	* *	5	$3,100	
Vinyl Tile	64%	Now	$71,300	2032	$3,562,700	3	$48,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Classrooms								
Vinyl Tile 9" X 9"	2%	Now	$35,600	2042	* *	3	$1,500	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Classrooms 213, 216, 410, 452								
Wood	20%			2047	* *	5	$75,600	
Interior Walls								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	83%			LIFE	* *	5	$57,100	
Ceilings								
Exposed Struc: Concrete	25%			LIFE	* *	5	$7,900	
Gypsum Board	5%			LIFE	* *	5	$12,600	
Plaster	70%			LIFE	* *	5	$88,000	
Site Enclosure								
Fence/Gates								
Chain Link	45%	4+	$3,900	2042	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Activity Yard								
Iron Picket	55%			2067	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$64,300	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Jarvis Avenue								
On-Site Walkways								
Cast in Place Concrete	98%			2030	$802,300			
Masonry: Marble	2%	4+	$3,000	LIFE	* *	5	$500	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 30%								
Location : Front Entry Steps								
Activity Yard								
Asphalt	95%	Now	$86,500	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Activity Yard								
Rubber Matting	5%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	80%			2032	$195,000	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	4%			2048	* *	5	$100	
Fused Disc Sw	6%			2031	$14,400	5	$200	
Molded Case Bkrs	90%			2048	* *	5	$2,600	
Wiring								
Braided Cloth	40%	2-4	$136,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	$181,400	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2037	* *	10	$93,800	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2037	* *	10	$3,000	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria And Library								
Fluorescent	2%			2037	* *	10	$2,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$92,300	10	$13,300	
Exit, Service	50%			2027	$23,700	1		
Exterior Lighting								
HID	20%			2027	$102,700	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$20,600	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Library And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$20,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank 7600 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$108,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$154,700	2042	* *	4	$5,400	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Feed Water Piping Corroded								
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Boiler Feed Water Piping								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Return Piping Leaking								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Oil Meter Is Not Working								
Terminal Devices								
Convector/Radiator	60%			2037	* *	1	$21,300	
Fan Coil Unit/Heat	40%	0-2	$21,800	2027	$1,090,900	1	$12,800	
Leak Evident, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2027	$125,000	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,300	
Exhaust Fans								
Interior	95%	Now	$9,300	2032	$463,500	2	$2,600	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Fan								
Roof	5%	Now	$1,100	2032	$10,700	2	$100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2042	* *	1		
Galvanized Steel	90%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$34,200	2		
Sanitary Piping								
Cast Iron	100%	0-2	$27,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 50%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$3,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,500	
Chemical System								
Wet	10%			2027	$8,200	1-3	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul System								
No Component	70%							
Generic	20%			2027	$16,300	1-3	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 72 - BX**		
Address	: **2951 DEWEY AVENUE @EDISON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X072**
Program / Asset #	: **BOE0213.000 / 472**	**Yr Built/Renovated**	: **1925 / 2011**
Area Sq Ft	: **101,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5440** **Lot** : **1**	**BIN**	: **2077162**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$85,100	$77,200
Interior Architecture	$2,828,800	$197,900
Electrical	$144,900	$914,500
Mechanical	$76,500	$2,746,900
Total	**$3,135,300**	**$3,936,500**
Importance Code A	$85,100	$128,600
Importance Code B	$2,860,400	$3,807,900
Importance Code C	$189,700	
Total	**$3,135,300**	**$3,936,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,000	$21,300		$10,200
Interior Architecture	$126,200	$37,400	$6,900	$15,500
Electrical	$9,500	$10,400	$14,500	$76,000
Mechanical	$25,600	$21,200	$31,500	$39,800
Site Enclosure	$3,300			
Site Pavements	$34,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$213,100**	**$98,200**	**$60,800**	**$149,500**
Importance Code A	$15,600	$30,800	$9,500	$20,000
Importance Code B	$162,900	$67,500	$47,500	$129,500
Importance Code C	$34,500		$3,800	
Total	**$213,100**	**$98,200**	**$60,800**	**$149,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$36,800	
Glass Block	5%			LIFE	* *	5	$2,900	
Masonry: Brick	82%			LIFE	* *	5	$77,200	
Patching Evident, Extent : Light, Area Affected : 30%								
Location : Continuous Above 3rd Floor Window Heads And At Building Corners, Spot At Remaining Lintels								
Masonry: Granite	8%			LIFE	* *	5	$5,600	
Windows								
Aluminum	93%			2048	* *	5	$27,400	
Metal Louvers	7%			2035	* *	10	$12,900	
Parapets								
Cast Stone/Terra Cotta	10%	4+	$6,000	LIFE	* *	5	$10,200	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : South Facade Which Is Above Main Entrance								
Masonry: Brick Cavity	50%			LIFE	* *	5	$6,600	
Metal Panel	40%			2052	* *	5	$20,500	
Roof								
Built-Up (BUR)	93%			2037	* *	10	$85,100	
Copper/Terne	2%			2060	* *	10	$4,600	
Metal Panel	5%			2045	* *	10	$8,400	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$25,700	LIFE	* *	5	$33,100	
Uneven Surface, Extent : Severe, Area Affected : 10%								
Location : Epoxy Coating On Stair Landings And Bulkheads								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Basement Corridors								
Ceramic Tile	4%			2041	* *	5	$6,100	
Marble Panels	2%			LIFE	* *	5	$2,300	
Quarry Tile	2%	Now	$89,000	2052	* *	5	$2,300	
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Kitchen								
Sheet Vinyl/Rubber	2%			2032	$197,900	5	$4,500	
Vinyl Tile	35%			2037	* *	3	$19,900	
Vinyl Tile	25%	0-2	$313,400	2042	* *	3	$14,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%								
Location : Throughout 10 Classrooms On 2nd, 3rd Floor And Multi-Purpose Room								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout 10 Classrooms On 2nd, 3rd Floor And Multi-Purpose Room								
Vinyl Tile 9" X 9"	5%			2027	$1,334,600	3	$3,800	
Wood	15%	Now	$811,900	2072	* *	5	$21,300	
Poor Subfloor Evident, Extent : Severe, Area Affected : 5%								
Location : Room 210								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 2nd And 3rd Floor Classrooms								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$97,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Wall Corners And Damper Openings In Basement, 1925 Wing								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Below Basement Window Sill Facing South In 1925 Wing								
Ceramic Tile	3%			2041	* *	5	$7,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$20,500	
Glass: Single Pane	2%			LIFE	* *	5	$3,800	
Masonry: Brick	8%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	10%	Now	$31,200	LIFE	* *	5	$7,700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads, Stairs, Third Floor Old Wing								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Bulkheads, Stairs, Third Floor Old Wing								
Plaster	30%			LIFE	* *	5	$23,100	
SGFT/Glazed Masonry	20%	4+	$92,200	LIFE	* *			
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Corridor Outside Cafeteria								
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$15,100	
AcousTileConcealSpLn	15%			2045	* *	5	$28,400	
AcousTileSusp.Lay-In	22%			2045	* *	5	$33,300	
Exposed Struc: Concrete	10%	Now	$45,300	LIFE	* *	5	$2,400	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement Ceiling Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Above Vacuum Pump								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Vault Under Entry Stairs								
Metal Panel	3%	Now	$90,200	LIFE	* *	5	$5,700	
Bent/Warped Elements, Extent : Severe, Area Affected : 60%								
Location : Kitchen								
Plaster	10%	Now	$23,000	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bulkheads, Third Floor Class Rooms, Gymnasium, Stair 1								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Plaster	30%			LIFE	* *	5	$28,400	
Site Enclosure								
Fence/Gates								
Chain Link	36%			2052	* *			
Iron Picket	64%			2052	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	80%	0-2	$2,500	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corners At Play Yard								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Play Yard Perimeter Wall								
Masonry: Fieldstone	20%	0-2	$900	2042	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Stairs To Play Yard And Coping At Chain Link Fence								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$8,800	2045	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Edison Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	95%	Now	$25,700	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Basketball Courts And Throughout								
Rubber Matting	5%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2052	* *	5	$100	
Fused Disc Sw	70%			2032	$182,100	5	$300	
Raceway								
Conduit	80%			2032	$195,000	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	3%			2048	* *	5	$100	
Fused Disc Sw	7%			2031	$16,800	5	$200	
Molded Case Bkrs	40%			2048	* *	5	$1,100	
Molded Case Bkrs	50%			2031	$119,700	5	$1,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	70%			2032	$239,300	1		
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	30%			2045	* *	5	$200	
Locally Mounted	70%			2030	$127,000	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$31,100	
Generators								
Diesel	100%			2041	* *	1	$39,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 150 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,700	
Fuel Storage								
Day Tank	50%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 25 Gallon Capacity								
Main Tank	50%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$88,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2027	$56,000	2		
LED	2%			2037	* *			
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2027	$47,100	10		
LED	10%			2037	* *			
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$19,000	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	10%			2037	* *	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$18,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Station, Strobe Lights, Horns, Alarm Bells, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Furnace	10%	Now	$600	2032	$31,400	1	$4,500	
Damaged, Extent : Light, Area Affected : 10%								
Location : Insulation On Main Duct Of Heating Furnace Air Roof								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : 1 Unit								
Steam Boiler	90%			2045	* *	1	$90,000	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement Boiler Room								
Explanation : 2 Heat Exchangers Used To Convert Steam To Hot Water								
Distribution								
Hot Wtr Piping/Pump	30%			2040	* *	4	$2,200	
Central Plant Steam Piping/Pmp	70%			2042	* *	4	$3,500	
Terminal Devices								
Air Handler	30%			2032	$570,200	1	$18,700	
Convector/Radiator	50%			2037	* *	1	$16,300	
Fan Coil Unit/Heat	20%			2032	$500,800	1	$6,500	
Air Conditioning								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2032	$447,000	1	$14,100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Window/Wall Unit	20%			2027	$76,500	1		
No Component	50%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2042	* *	4	$1,500	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2032	$294,000	1	$18,700	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2032	$43,900	2	$21,100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Explanation : 1 Unit								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$39,400	
No Component	30%							
Exhaust Fans								
Interior	60%			2032	$268,800	2	$1,900	
Roof	10%			2037	* *	2	$300	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$386,800	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2032	$20,200	4	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Backflow Preventer								
Generic	100%			2037	* *	1	$6,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1, 2, 3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2052	* *	1-5	$15,300	
Sprinkler								
No Component	80%							
Generic	20%			2032	$279,300	1-2	$5,700	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Basement								
Explanation : Sprinkler Heads Located At Paint Booth And Storage Room								
Chemical System								
No Component	98%							
Generic	2%			2030	$1,600	1-3	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 721 (OTC) -BX**		
Address	: **2697 WESTCHESTER AVENUE @WATERS PL.**		
Borough	: **BRONX**	**Agency's Number**	: **X722**
Program / Asset #	: **BOE0337.000 / 327**	**Yr Built/Renovated**	: **1979 / 2005**
Area Sq Ft	: **53,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4133** **Lot** : **200**	**BIN**	: **2045725**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$436,800	$2,026,400
Electrical		$812,700
Mechanical		$2,682,100
Site Enclosure	$121,600	
Site Pavements	$75,200	
Total	**$633,600**	**$5,521,300**
Importance Code B	$512,000	$5,471,200
Importance Code C	$121,600	$50,100
Total	**$633,600**	**$5,521,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$8,400
Interior Architecture	$113,000			$8,900
Electrical	$10,900	$7,000	$38,700	$7,000
Mechanical	$30,400	$24,100	$26,800	$24,400
Site Enclosure	$14,700			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$172,900**	**$35,000**	**$69,500**	**$52,700**
Importance Code A	$5,200	$5,200	$5,400	$13,700
Importance Code B	$101,400	$29,800	$64,100	$39,000
Importance Code C	$66,200			
Total	**$172,900**	**$35,000**	**$69,500**	**$52,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) -BX

Asset # : 327

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$33,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facade								
Concrete Masonry Unit	20%			LIFE	* *	5	$8,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facade								
Masonry: Brick	70%			LIFE	* *	5	$46,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facade								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : All Facades								
Windows								
Aluminum	95%			2047	* *	5	$16,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Metal Louvers	5%			2040	* *	10	$5,500	
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,600	
Ceramic Tile	3%	Now	$3,000	2040	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	2%			2044	* *	5	$1,800	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : 1st And 2nd Floors								
Quarry Tile	5%			2044	* *	5	$6,700	
Vinyl Tile	80%	4+	$39,500	2031	$1,976,300	3	$26,800	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 721 (OTC) -BX
Asset # : 327

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$12,200	2040	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	2%			2044	* *	5	$3,000	
Recent Construction, Extent : N/A, Area Affected : 2%								
Location : 1st And 2nd Floor Toilets								
Concrete Masonry Unit	80%			LIFE	* *	5	$47,200	
Concrete Masonry Unit	5%	Now	$34,700	LIFE	* *	5	$2,900	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Stair C								
Plaster	10%	Now	$17,900	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	30%			2048	* *	5	$22,600	
Recent Installation, Extent : N/A, Area Affected : 30%								
Location : 3rd Floor								
AcousTileConcealSpLn	60%	Now	$436,800	2051	* *	5	$28,300	
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : 1st And 2nd Floor								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : 1st And 2nd Floor								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$121,600	2061	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Roof Perimeter								
Retaining Walls								
Cast in Place Concrete	100%	4+	$14,700	2066	* *			
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Planters At Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$75,200	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Fink Avenue, Waters Place, Westchester Avenue								
On-Site Walkways								
Cast in Place Concrete	40%			2044	* *			
Pavers/Stone	60%			2034	* *			
Activity Yard								
Asphalt	40%			2040	* *			
Cast in Place Concrete	40%			2044	* *			
Pavers/Stone	20%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) -BX

Asset # : 327

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2031	$17,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3000 Amperes.								
Fused Disc Sw	30%			2031	$7,600	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Section								
Raceway								
Conduit	100%			2031	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2030	$14,000	5	$100	
Molded Case Bkrs	90%			2030	$125,700	5	$1,300	
Wiring								
Thermoplastic	100%			2031	$199,600	1		
Motor Controllers								
Locally Mounted	30%			2029	$21,500	5	$100	
Locally Mounted	20%			2048	* *	5	$100	
Motor Control Center	50%			2029	$147,700	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$16,300	
Generators								
Diesel	100%			2034	* *	1	$20,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 75 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,000	
Fuel Storage								
Day Tank	10%			2039	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 50 Gallons Rated Capacity								
Main Tank	90%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) -BX

Asset # : 327

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	38%			2039	* *	10	$18,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Mechanical Room								
Explanation : T-8 Lamps								
Fluorescent	2%			2039	* *	10	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Compact Fluorescent Lights								
LED	60%			2039	* *			
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	40%			2036	* *	1		
Exit, Service	10%			2026	$2,300	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$29,800	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2036	* *	1-3	$23,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Gymnasium, Auditorium And Some Classrooms								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$52,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement. 2 Gas Operatated Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) -BX

Asset # : 327

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	60%			2057	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout. New Piping Installed								
No Component	40%							
Terminal Devices								
Air Handler	40%			2031	$399,000	1	$13,100	
Convector/Radiator	50%			2036	* *	1	$8,600	
Fan Coil Unit/Heat	10%			2031	$131,400	1	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2031	$781,900	1	$24,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Air Conditioning Room								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2041	* *	4	$3,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	$1,028,400	1	$32,800	
Heat Rejection								
Air Cooled Condenser Unit	100%			2031	$153,400	2	$36,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,600	
Exhaust Fans								
Interior	80%			2031	$188,000	2	$1,300	
Roof	20%	0-2	$2,100	2031	$20,600	2	$300	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Roof								
Explanation : 3 Of The Bathroom Exhaust Fans At The Roof Not Working Due To Mechanical And Electrical Defects								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$13,600	2051	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) -BX

Asset # : 327

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$1,100	
Sewage Ejector(s)								
Electric	100%			2039	* *	4	$2,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$26,700	
Sprinkler								
No Component	60%							
Generic	40%			2041	* *	1-2	$5,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 721 (OTC) - Q**		
Address	: **57-12 94TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q722**
Program / Asset #	: **BOE1161.000 / 14907**	**Yr Built/Renovated**	:
Area Sq Ft	: **105,288**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1873** **Lot** : **50**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$269,400	$780,200
Interior Architecture	$682,400	$2,612,100
Electrical		$2,052,000
Mechanical	$3,323,500	$8,990,900
Site Pavements	$69,000	$51,000
Total	**$4,344,400**	**$14,486,200**
Importance Code A	$269,400	$780,200
Importance Code B	$3,914,900	$13,705,900
Importance Code C	$160,000	
Total	**$4,344,400**	**$14,486,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,100			
Interior Architecture	$145,700	$3,700	$11,100	$11,800
Electrical	$28,100	$17,100	$20,900	$19,100
Mechanical	$172,800	$72,000	$97,700	$112,600
Site Pavements	$14,600			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$429,200**	**$102,700**	**$139,600**	**$153,400**
Importance Code A	$66,400	$8,300	$8,300	$8,300
Importance Code B	$329,100	$94,400	$124,100	$145,100
Importance Code C	$33,600		$7,100	
Total	**$429,200**	**$102,700**	**$139,600**	**$153,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) - Q

Asset # : 14907

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$164,800	
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : Entrances Along 57th Avenue								
Metal Panel	10%			2043	* *	5-10	$62,900	
Windows								
Aluminum	100%	Now	$87,400	2041	* *	5	$9,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Parapets								
Metal: Cage/Fence	100%	4+	$33,400	2038	* *	5	$45,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Corrosion And Rusting On Louver Support Framing								
Roof								
Fiberglass Panel	10%			2036	* *	1		
IRMA/Protected Membrane	25%	2-4	$24,700	2033	$494,300			
Broken Paver Blocks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	65%			2046	* *	10	$99,600	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Soffits								
Cement - Fiber Panel	100%			2033	$203,600	10	$32,500	
Interior								
Floors								
Cast in Place Concrete	10%	4+	$26,800	LIFE	* *	5	$34,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Penthouse And Boiler Room								
Ceramic Tile	5%			2036	* *	5	$7,900	
Quarry Tile	10%			2038	* *	5	$23,600	
Terrazzo	10%			LIFE	* *	5	$24,600	
Vinyl Tile	60%	2-4	$522,400	2033	$2,612,100	3	$35,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Library And Throughout								
Wood	5%			2048	* *	5	$14,800	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$71,400	
Ceramic Tile	5%			2036	* *	5	$14,300	
Concrete Masonry Unit	20%			LIFE	* *	5	$45,700	
Folding Partition	3%			2049	* *	5	$21,400	
SGFT/Glazed Masonry	62%			LIFE	* *	10	$88,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) - Q

Asset # : 14907

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2050	* *	5	$7,500	
Recent Replace Evident, Extent : N/A, Area Affected : 5%								
Location : Rooms 319, 320, 321 And 322								
AcousTileSusp.Lay-In	65%			2038	* *	5	$97,400	
Exposed Struc: Steel	15%			LIFE	* *	10	$44,900	
Metal Panel	10%			LIFE	* *	5	$37,400	
Metal Panel	5%			LIFE	* *	5	$18,700	
Site Enclosure								
Fence/Gates								
Iron Picket	80%			2053	* *			
Masonry: Brick	20%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Throughout - Concrete Copings At Masonry Piers								
Explanation : Recent Repairs Evident								
Free Standing Walls								
Masonry: Brick	100%			2043	* *			
Retaining Walls								
Masonry: Brick	100%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Throughout At 57th Avenue								
Explanation : Recent Repair Evident								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$14,600	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Asphalt	80%	2-4	$69,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cast in Place Concrete	10%			2038	* *			
Rubber Matting	10%			2033	$51,000			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Activity Yard								
Explanation : Improperly Aligned								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 721 (OTC) - Q
Asset # : 14907

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 2,000, One 3,000, One 1,600 Ampere Service Switches								
Switchgear / Switchboard								
Fused Disc Sw	20%			2043	* *	5	$100	
Molded Case Bkrs	80%			2043	* *	5	$2,200	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	20%			2041	* *	5	$500	
Molded Case Bkrs	80%			2041	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	10%	0-2	$5,400	2038	* *	5		
Corroded, Extent : Light, Area Affected : 100%								
Location : Roof								
Locally Mounted	80%			2038	* *	5	$600	
Motor Control Center	10%			2038	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room And 4th Floor Mechanical Room								
Explanation : Location Noted								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$32,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : Location Noted								
Generators								
Diesel	100%			2036	* *	1	$40,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 350 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$3,900	
Fuel Storage								
Day Tank	100%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
P. S. 721 (OTC) - Q
Asset # : 14907

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$1,491,000	10	$91,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	3%			2038	* *	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : HID Lighting Observed								
LED	2%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : LED Lighting Observed								
Egress Lighting								
Emergency, Service	50%			2033	$32,400	1		
Exit, Service	50%			2033	$22,700	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$197,600	1	$39,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Camera And Intrusion Alarms								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$271,600	1-3	$66,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Heat Exchanger, Shell & Tube	20%			2036	* *			
Steam Boiler	80%			2038	* *	1	$83,400	
Distribution								
Hot Wtr Piping/Pump	20%	Now	$2,300	2041	* *	4	$1,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Hot Water Riser								
Steam Piping/Pump	80%	Now	$67,500	2043	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
P. S. 721 (OTC) - Q
Asset # : 14907

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Fan Coil Unit/Heat	20%			2033	$522,100	1	$6,800	
No Component	80%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : See Air Conditioning								
Controls								
Digital	100%	Now	$3,023,900	2033	$3,023,900			
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Various Sensors Throughout, System Is Obsolete And Beyond Useful Life								
Software Issue Suspected, Extent : Severe, Area Affected : 100%								
Location : Software Obsolete, System Must Be Run Manually								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	55%	Now	$170,900	2028	$854,300	1	$24,200	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Basement								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Ext Pkg Unit - Heating/Cooling	40%			2028	$707,600	2	$2,600	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units								
Split Unit	5%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2033	$136,200	4	$6,200	
Ductwork/Diffusers	20%			LIFE	* *	2	$34,200	
Terminal Devices								
Air Handler/Cool/Ht	60%	Now	$24,500	2028	$1,225,800	1	$35,200	
Damper(s) Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof And 4th Floor								
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	60%			2028	$182,900	2	$44,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : For Chillers								
No Component	40%							

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DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) - Q

Asset # : 14907

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$9,300	
No Component	90%							
Exhaust Fans								
Interior	70%			2028	$326,900	2	$2,300	
Roof	30%	2-4	$61,300	2043	* *	2	$800	
Dented, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Obsolete Equipment, Extent : Light, Area Affected : 20%								
Location : Roof								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$1,352,200	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Temporary Unit, 100 Gallons.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$21,100	4	$3,300	
Sewage Ejector(s)								
Electric	100%			2033	$55,100	4	$6,300	
Backflow Preventer								
Generic	100%			2033	$47,000	1	$6,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Near Loading Docks								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From 1st To 4th Floor, 1 Unit From Basement To 3rd Floor								
Explanation : Two Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$53,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 721 (OTC) - Q

Asset # : 14907

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	5%	Now	$21,800	2043	* *	1-2	$1,300	
Dry System, Extent : Severe, Area Affected : 20%								
Location : Outside Air Shaft, System Requires Repair Often Due To Air Flapper Valve Leak								
Generic	95%			2043	* *	1-2	$28,000	
Fire Pump								
Generic	100%			2036	* *	1	$19,700	
Chemical System								
Generic	100%			2028	$603,800	1-3	$598,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Three Kitchen Hoods. Total 148 Square Feet.								
Explanation : 1st Floor Kitchen Hood Is 85 Square Feet, 2nd Floor Classroom Kitchen Hood Is 45 Square Feet, 2nd Floor Classroom Kitchen Has 18 Square Foot Kitchen Hood								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)**		
Address	: **64 AVENUE X**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K722**
Program / Asset #	: **BOE1129.000 / 14858**	**Yr Built/Renovated**	: **1997 /**
Area Sq Ft	: **101,519**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **7185** **Lot** : **20**	**BIN**	: **3385667**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$413,600	$170,400
Interior Architecture	$581,000	
Electrical		$755,100
Mechanical	$155,300	$5,697,900
Site Pavements	$79,000	
Total	**$1,228,900**	**$6,623,300**
Importance Code A	$413,600	$170,400
Importance Code B	$633,200	$6,453,000
Importance Code C	$182,100	
Total	**$1,228,900**	**$6,623,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$124,300			
Interior Architecture	$158,600		$42,700	$29,100
Electrical	$31,200	$16,500	$20,300	$18,400
Mechanical	$139,100	$174,200	$90,200	$92,700
Site Enclosure	$13,300			
Site Pavements	$24,200			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$498,600**	**$198,600**	**$161,000**	**$148,200**
Importance Code A	$134,300	$10,100	$10,100	$10,100
Importance Code B	$293,000	$188,500	$151,000	$126,900
Importance Code C	$71,200			$11,300
Total	**$498,600**	**$198,600**	**$161,000**	**$148,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)

Asset # : 14858

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%	Now	$236,000	LIFE	* *	5	$93,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Above Exit 1								
Metal Panel	14%			2053	* *	5-10	$105,800	
Metal Coiling Doors	1%	Now	$117,400	2053	* *	5	$1,700	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Loading Dock								
Windows								
Aluminum	85%	Now	$21,300	2049	* *	5	$11,100	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Insect Screens								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Office 333								
Metal Louvers	15%			2042	* *	10	$24,600	
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5-10	$21,600	
Masonry: Brick Cavity	50%			LIFE	* *	5-10	$30,000	
Metal Panel	5%	0-2	$3,600	2053	* *	5	$800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Coping								
Roof								
Metal Panel	75%	Now	$40,500	2046	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
Location : Penthouse Roof								
Modified Bitumen	10%	Now	$16,200	2038	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Rear Covered Walkways								
Plaza Roof: Stone Panels	15%			2053	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Soffits								
Exposed Struc: Steel	75%	Now	$60,200	LIFE	* *	5	$7,200	
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Rear Covered Walkways								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	25%			2053	* *	5-10	$5,300	
Interior								

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DEPARTMENT OF EDUCATION - 040
P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)
Asset # : 14858

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$66,500	
Ceramic Tile	7%			2042	* *	5	$10,600	
Quarry Tile	8%			2046	* *	5	$18,200	
Sheet Vinyl/Rubber	3%			2038	* *	5	$6,800	
Vinyl Tile	66%	Now	$55,400	2038	* *	3	$37,600	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Basement Corridor								
Wood	6%	Now	$271,900	2061	* *	5	$8,500	
Deflection Evident, Extent : Severe, Area Affected : 35%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium								
Uneven Surface, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$22,500	
Concrete Masonry Unit	35%			LIFE	* *	5	$63,000	
Gypsum Board	10%			LIFE	* *	5-10	$38,300	
SGFT/Glazed Masonry	45%	Now	$182,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Above Exit 1								
Ceilings								
AcousTileConcealSpLn	25%	Now	$12,000	2046	* *	5	$23,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 209								
AcousTileSusp.Lay-In	45%			2046	* *	5	$67,100	
Staining/Discoloring, Extent : Light, Area Affected : 1%								
Location : Library								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$9,300	
Exposed Struc: Steel	10%	0-2	$71,700	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Basement Room 1c21								
Gypsum Board	15%			LIFE	* *	5-10	$76,900	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)
Asset # : 14858

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Iron Picket	20%	Now	$10,200	2068	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Avenue X								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Avenue X								
Masonry: Brick	5%	Now	$3,100	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Avenue X								
Impact Damage, Extent : Severe, Area Affected : 5%								
Location : Avenue X								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Efflorescence								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$22,500	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Avenue X								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	90%	2-4	$1,600	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Lot And Rear Driveway Alley								
Cast in Place Concrete	10%			2046	* *			
Activity Yard								
Rubber Matting	100%	2-4	$79,000	2038	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Track								

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								

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DEPARTMENT OF EDUCATION - 040

P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)

Asset # : 14858

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2038	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,000 Kilovolt Amperes, One 300 Kilovolt Amperes, One 150 Kilovolt Amperes, 480 Volts Primary, 277 Volts Secondary								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$2,700	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	95%			2041	* *	5	$2,500	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	5%			2038	* *	5		
Motor Control Center	95%			2038	* *	5	$2,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$31,200	
Generators								
Diesel	100%			2036	* *	1	$39,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 275 Kilowatts								
Batteries								
Nickel Cadmium	100%			2026	$2,500	5	$22,600	
Fuel Storage								
Day Tank	10%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Rated Capacity								
Main Tank	90%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)
Asset # : 14858

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	18%			2033	$272,400	10	$16,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Classroom, Offices								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	$30,300	10	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lights								
LED	80%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$31,300	1		
Exit, Service	50%			2033	$21,900	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$190,600	1	$37,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$261,900	1-3	$64,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Gymnasium, Auditorium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$100,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units With 2 Steam Converters								

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DEPARTMENT OF EDUCATION - 040

P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)

Asset # : 14858

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	90%			2049	* *	4	$6,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Hot Water For Heating								
Steam Piping/Pump	10%	0-2	$16,300	2053	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room								
Terminal Devices								
Air Handler	50%			2033	$955,200	1	$31,400	
Convector/Radiator	10%			2038	* *	1	$3,300	
Fan Coil Unit/Heat	40%	Now	$50,300	2033	$1,006,800	1	$11,800	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Controls								
Pneumatic	100%			2034	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2036	* *	1	$76,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Centrifugal, Elec Chiller	25%			2046	* *	1	$27,500	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Split Unit	5%	0-2	$12,100	2033	$120,500			
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Elevator Room								
Distribution								
CW & CHW Wtr Pipe/Pump	95%			2053	* *	4	$7,100	
No Component	5%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2033	$984,900	1	$31,400	
Fan Coil - 2 Pipe	50%			2033	$1,548,500	1	$16,400	
Heat Rejection								
Evaporative Condenser	5%			2033	$26,700	2	$3,500	
Dry Cooler	95%			2033	$442,600	2	$67,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,600	
Exhaust Fans								
Interior	100%			2038	* *	2	$3,100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)

Asset # : 14858

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	40%			2031	$27,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : One 100 Gallon Unit								
Gas Fired	60%			2026	$41,000	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : One 200 Gallon Unit								
HW Heat Exchanger								
Steam Fired	100%			2053	* *	4	$15,100	
Sanitary Piping								
Cast Iron	100%	Now	$63,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Underground At Exit 9.								
Storm Drain Piping								
Cast Iron	10%	0-2	$1,800	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Explanation : The Leaders Fell Down								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$4,000	
Fixtures								
Generic	100%							
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : One 100 Gallon Unit								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Elevator From 1st To Penthouse. One Elevator From Basement To 3rd Floor.								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$51,200	
Sprinkler								
Generic	100%			2043	* *	1-2	$28,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 -BROOKLYN OCCUPATIONAL TRAINING CENTER (OTC)

Asset # : 14858

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2042	* *	1	$19,000	
Chemical System								
Wet	100%			2031	$612,000	1-3	$624,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4 Kitchens								
Explanation : 4 Sets Cover 150 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 722 - SI (OCC TRAIN CTR) THE RICHARD H. HUNGERFORD SCHOOL**
Address : **155 TOMPKINS AVENUE @ VANDERBILT AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R722**
Program / Asset # : **BOE0955.000 / 1205**
Yr Built/Renovated : **1978 / 1993**
Area Sq Ft : **57,700**
Project Type : **EDUCATION**
Date of Survey : **30-Jul-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **534** **Lot** : **75** **BIN** : **5013955**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$607,400	$89,300
Interior Architecture	$107,500	$50,600
Electrical	$271,000	$810,000
Mechanical	$1,630,200	$1,496,000
Total	**$2,616,100**	**$2,445,800**
Importance Code A	$909,200	$89,300
Importance Code B	$1,707,000	$2,305,900
Importance Code C		$50,600
Total	**$2,616,100**	**$2,445,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,300			
Interior Architecture	$74,800			$9,700
Electrical	$17,400	$19,400	$5,900	$5,600
Mechanical	$120,000	$27,500	$21,500	$12,300
Site Enclosure	$4,300			
Site Pavements	$12,800			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$255,500**	**$58,700**	**$39,300**	**$39,500**
Importance Code A	$14,300	$5,800	$5,700	$5,700
Importance Code B	$224,000	$52,900	$33,500	$33,800
Importance Code C	$17,200			
Total	**$255,500**	**$58,700**	**$39,300**	**$39,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) THE RICHARD H. HUNGERFORD SCHOOL

Asset # : 1205

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	0-2	$155,600	LIFE	* *	5	$89,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair 3 And 4								
Window Wall	5%	4+	$14,300	2050	* *	5	$8,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 1st, 2nd And 3rd Floor								
Windows								
Aluminum	100%	Now	$69,800	2046	* *	5	$7,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 5%								
Location : Classrooms								
Hardware Missing, Extent : Severe, Area Affected : 5%								
Location : Classrooms								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$17,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$11,900	
Roof								
IRMA/Protected Membrane	98%	Now	$382,000	2040	* *			
Insul Deter/Miss, Extent : Severe, Area Affected : 10%								
Location : Main Roof								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Corridor, 3rd Floor Corridor								
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : Roof Insulation								
Metal Panel	2%			2043	* *	10	$1,500	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$7,500	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Uneven Surface, Extent : Severe, Area Affected : 5%								
Location : Basement Multi-Purpose Room								
Mosaic Tile	5%	4+	$41,500	2035	* *	5	$5,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilets								
Terrazzo	2%			LIFE	* *	5	$1,400	
Vinyl Tile	88%	4+	$107,500	2035	* *	3	$29,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Patching Evident, Extent : Moderate, Area Affected : 50%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) THE RICHARD H. HUNGERFORD SCHOOL

Asset # : 1205

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	54%			LIFE	* *	5	$50,600	
Folding Partition	3%			2038	* *	5	$17,600	
Gypsum Board	2%			LIFE	* *	5	$2,800	
Marble Panels	1%			LIFE	* *			
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	90%	Now	$24,300	2043	* *	5	$36,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%	4+	$1,400	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Room 106								
Site Enclosure								
Fence/Gates								
Chain Link	55%	4+	$3,200	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Play Yard Area								
Iron Picket	45%	Now	$1,100	2065	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Gate To Parking Area								
Impact Damage, Extent : Severe, Area Affected : 5%								
Location : Parking Lot Entrance								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%	0-2	$12,800	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking Area								
Sinking/Subsiding, Extent : Moderate, Area Affected : 2%								
Location : Parking Area								
Activity Yard								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) THE RICHARD H. HUNGERFORD SCHOOL

Asset # : 1205

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2030	$10,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	60%			2030	$15,200	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$195,100	5	$200	
Raceway								
Conduit	100%			2030	$144,600	1		
Panelboards								
Fused Disc Sw	10%			2029	$14,000	5	$100	
Molded Case Bkrs	90%			2029	$125,700	5	$1,400	
Wiring								
Thermoplastic	100%			2030	$199,600	1		
Motor Controllers								
Locally Mounted	95%			2028	$68,100	5	$400	
Locally Mounted	5%	Now	$2,200	2050	* *	5		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Room 321								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room 321								
Explanation : For Exhaust Fan								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	$26,800	1	$17,800	
Generators								
Diesel	100%			2026	$138,700	1	$22,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 205 Kilowatt								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$12,900	
Fuel Storage								
Main Tank	100%			2033	$76,900	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Gallon Tank								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) THE RICHARD H. HUNGERFORD SCHOOL

Asset # : 1205

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2035	* *	10	$5,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout Staircases								
Fluorescent	3%			2025	$25,800	10	$1,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Machine Room 3rd Floor								
Fluorescent	3%			2025	$25,800	10	$1,600	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
LED	84%			2035	* *			
Egress Lighting								
Emergency, Service	55%			2035	* *	1		
Exit, Service	25%			2035	* *	1		
Exit, Service	20%			2025	$5,000	1		
Exterior Lighting								
HID	30%			2025	$80,800	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$6,500	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$10,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2040	* *	5	$17,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 7,500 Gallon Tanks.								
Conversion Equipment								
Steam Boiler	100%	0-2	$301,800	2050	* *	1	$51,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler								
Explanation : Two Abandoned Steam Boilers. One Temporary Boiler Is Being Used In Parking Lot								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) THE RICHARD H. HUNGERFORD SCHOOL

Asset # : 1205

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	90%	0-2	$22,700	2038	* *	4	$2,600	
Corroded, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Steam Piping/Pump	10%			2030	$46,200			
Terminal Devices								
Air Handler	20%	0-2	$10,900	2025	$217,200	1	$6,400	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Fan Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Convector/Radiator	5%	0-2	$1,200	2035	* *	1	$800	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Convector/Radiator	45%			2035	* *	1	$8,400	
Fan Coil Unit/Heat	30%	0-2	$21,500	2025	$429,200	1	$5,000	
Broken, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	0-2	$153,200	2040	* *	1	$7,200	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Lot								
Explanation : One Temporary Unit Is Being Used								
Split Unit	10%			2030	$137,000			
Split Unit	10%	0-2	$27,400	2030	$137,000			
Damaged, Extent : Moderate, Area Affected : 60%								
Location : 3 Units. Roof								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	50%			2025	$109,300	1		
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2030	$28,000	4	$900	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2025	$335,900	1	$10,700	
Fan Coil - 2 Pipe	20%			2030	$352,000	1	$3,700	
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) THE RICHARD H. HUNGERFORD SCHOOL

Asset # : 1205

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	30%	0-2	$30,100	2040	* *	2	$9,600	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Air Cooled Condenser Unit	20%			2030	$33,400	2	$8,000	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,200	
Exhaust Fans								
Interior	30%			2030	$76,800	2	$500	
Roof	70%			2030	$78,400	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2040	* *	1		
Galvanized Steel	60%			2028	$442,000	1		
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
HW Heat Exchanger								
Steam Fired	100%	0-2	$83,700	2060	* *	4	$5,700	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	5%	0-2	$500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Lobby								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$11,600	4	$1,200	
Sewage Ejector(s)								
Electric	10%	0-2	$200	2035	* *	4	$200	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Connecting Pipe, Basement								
Electric	90%			2035	* *	4	$2,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 3 Passenger Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) THE RICHARD H. HUNGERFORD SCHOOL

Asset # : 1205

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2040	* *	1-5	$17,400	
Sprinkler								
No Component	70%							
Generic	30%			2030	$239,400	1-2	$4,800	
Chemical System								
No Component	99%							
Generic	1%			2025	$2,000	1-3	$1,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Rooms 321, 323							
	Explanation : 2 Sets							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 73 - BX**		
Address	: **1020 ANDERSON AVENUE @ E.165 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X073**
Program / Asset #	: **BOE0214.000 / 474**	**Yr Built/Renovated**	: **1926 / 2001**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5**		
Block	: **2504** **Lot** : **82**	**BIN**	: **2003051**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$261,700	$607,600
Interior Architecture	$3,706,400	$6,966,100
Electrical	$436,800	$1,448,600
Mechanical	$1,679,800	$1,545,200
Site Enclosure	$177,900	
Site Pavements	$225,500	
Total	**$6,488,000**	**$10,567,500**
Importance Code A	$261,700	$607,600
Importance Code B	$4,623,200	$9,959,800
Importance Code C	$1,603,200	
Total	**$6,488,000**	**$10,567,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$140,200	$16,500		
Interior Architecture	$50,200		$3,800	$10,700
Electrical	$13,300	$7,200	$7,600	$9,400
Mechanical	$194,900	$11,400	$17,000	$14,400
Site Enclosure	$16,100			
Site Pavements	$42,700			
Total	**$457,500**	**$35,100**	**$28,300**	**$34,500**
Importance Code A	$147,800	$24,100	$7,600	$7,600
Importance Code B	$286,400	$11,000	$16,900	$26,900
Importance Code C	$23,200		$3,800	
Total	**$457,500**	**$35,100**	**$28,300**	**$34,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$26,100	LIFE	* *	5	$40,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$178,100	
Sidewalk Shed in Use, Extent : Light, Area Affected : 10%								
Location : Rear Facade								
Masonry: Granite	5%	2-4	$20,600	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Marble	2%	0-2	$9,800	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	3%			LIFE	* *	5	$20,400	
Windows								
Aluminum	100%	0-2	$172,600	2041	* *	5	$18,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$16,500	
Masonry: Brick	70%			LIFE	* *	5-10	$55,600	
Metal Rail	20%			2050	* *	5-10	$42,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,300	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Coping								
Roof								
Built-Up (BUR)	100%	4+	$10,400	2033	$518,600			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Roof								
Explanation : Skylight Glazing Cracked								
Soffits								
Masonry: Marble	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$9,700	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 8%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Throughout								
Ceramic Tile	5%	2-4	$64,600	2036	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Toilet Rooms								
Marble Panels	5%	2-4	$125,700	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	Now	$54,700	2033	$273,400	5	$3,600	
Wrinkling, Extent : Severe, Area Affected : 30%								
Location : Bulkhead Stairs								
Vinyl Tile	50%	2-4	$316,600	2033	$1,582,800	3	$21,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	2-4	$1,011,200	2028	$5,056,100	3	$10,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%	2-4	$34,200	2048	* *	5	$5,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : 3rd And 5th Floor Gymnasiums								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$57,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ceramic Tile	5%			2036	* *	5	$7,500	
Masonry: Brick	10%	Now	$143,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	0-2	$132,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$1,098,000	LIFE	* *	5	$33,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	25%	0-2	$214,600	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Basement Store Room								
Plaster	70%	Now	$487,900	LIFE	* *	5	$50,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Plaster	5%			LIFE	* *	5-10	$9,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Premium Material Noted								
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	80%	2-4	$118,400	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	20%	2-4	$16,100	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$59,500	2068	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Off The Side Of Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$35,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Anderson Avenue								
On-Site Walkways								
Asphalt	10%			2036	* *			
Cast in Place Concrete	90%	0-2	$7,100	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Front Steps								
Explanation : Missing Mortar Joints								
Parking/Driveway								
Asphalt	100%	2-4	$53,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	98%	2-4	$171,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Play Yard								
Rubber Matting	2%			2033	$13,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Fused Disc Sw	10%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 200 Ampere Emergency Lighting Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	85%			2033	$122,900	1		
Conduit	10%			2043	* *	1		
Conduit	5%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 4th And 5th Floor AC Panelboards								
Panelboards								
Fused Disc Sw	10%			2032	$18,000	5	$200	
Molded Case Bkrs	65%			2032	$116,800	5	$1,300	
Molded Case Bkrs	20%			2041	* *	5	$400	
Molded Case Bkrs	5%			2055	* *	5	$100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 4th And 5th Floor AC Panelboards								
Wiring								
Braided Cloth	85%	0-2	$169,700	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	5%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 4th And 5th Floor AC Panelboards								
Motor Controllers								
Locally Mounted	80%			2031	$95,500	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Corroded, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2028	$1,113,400	10	$68,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	3%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium, 2nd And 5th Floor Gymnasium								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$9,300	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$28,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria And Front Of The Building								
Explanation : CCTV Surveillance Cameras And Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$198,600	2043	* *	1-3	$43,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Obsolete Equipment, Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	* *	5	$23,900	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$76,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$123,300	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Return Leak In Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2033	$217,400	1	$7,100	
Convector/Radiator	60%			2031	$377,800	1	$14,900	
Leak Evident, Extent : Light, Area Affected : 20%								
Location : Classrooms								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	25%			2028	$477,300	1	$6,200	
Controls								
Pneumatic	100%	Now	$74,400	2027	$1,488,100			
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1 Of 2 Air Compressors In The Basement								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	25%	Now	$36,500	2028	$72,900	1		
Broken, Extent : Severe, Area Affected : 60%								
Location : Various Classrooms								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Window/Wall Unit	20%			2031	$58,300	1		
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,000	
Exhaust Fans								
Interior	100%	Now	$68,300	2033	$341,500	2	$1,900	
Broken, Extent : Severe, Area Affected : 30%								
Location : 3rd And 4th Floor Gymnasium								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 85 Gallons.								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$7,600	
Sanitary Piping								
Cast Iron	100%	Now	$48,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Backstage Of Auditorium								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2033	$15,400	4	$2,400	
Backflow Preventer								
No Component	90%							
Generic	10%			2038	* *	1	$500	
	Other Observation, Extent : N/A, Area Affected : 10%							
	Location : Boiler Only, Basement							
	Explanation : Boiler Only							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	$21,300	1-2	$400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 73 - BX MINISCHOOL**				
Address	: **1020 ANDERSON AVENUE @ W.164 ST**				
Borough	: **BRONX**			**Agency's Number**	: **X073**
Program / Asset #	: **BOE0214.010 / 4378**			**Yr Built/Renovated**	: **1969 /**
Area Sq Ft	: **6,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **02-Mar-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2504**	**Lot**	: **82**	**BIN**	: **2003051**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$655,100	
Interior Architecture	$190,700	$320,400
Electrical		$89,400
Mechanical		$97,800
Total	**$845,900**	**$507,600**
Importance Code A	$655,100	
Importance Code B		$507,600
Importance Code C	$190,700	
Total	**$845,900**	**$507,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$9,200	$600		
Interior Architecture	$44,300			$1,500
Electrical	$15,700	$600	$600	$700
Mechanical	$13,200	$100	$500	$100
Total	**$82,400**	**$1,300**	**$1,000**	**$2,300**
Importance Code A	$9,200	$600		
Importance Code B	$73,200	$700	$1,000	$2,300
Importance Code C				
Total	**$82,400**	**$1,300**	**$1,000**	**$2,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX MINISCHOOL

Asset # : 4378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	$9,200	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	50%	Now	$123,800	LIFE	* *	5	$4,800	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Metal Panel	45%	Now	$459,400	2063	* *	5	$13,000	1
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%			2055	* *	5	$1,300	
Recent Repair Evident, Extent : N/A, Area Affected : 40%								
Location : South Facade								
Roof								
Metal Panel	100%	Now	$72,000	2038	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Mosaic Tile	5%	Now	$22,900	2038	* *	5	$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 35%								
Location : Entrances And Boys Toilet								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Boys Toilet Room								
Vinyl Tile	95%			2033	$320,400	3	$5,800	
Interior Walls								
Concrete Masonry Unit	50%	2-4	$90,800	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	50%	Now	$99,900	LIFE	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 73 - BX MINISCHOOL
Asset # : 4378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$10,200	2053	* *	5	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Mechanical Room								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Mechanical Room								
AcousTileSusp.Lay-In	90%	0-2	$9,100	2038	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	5%			LIFE	* *	5-10	$1,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2033	$16,200	1		
Panelboards								
Fused Disc Sw	20%			2032	$6,000	5		
Molded Case Bkrs	80%			2032	$24,000	5	$100	
Wiring								
Thermoplastic	100%			2033	$21,400	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$89,400	10	$5,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$5,000	10	$700	
Exit, Service	50%			2033	$1,300	1		
Alarm								
Security System								
Generic	100%			2038	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Front, Back And Side Of The Building								
Explanation : CCTV Surveillance Cameras, Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$15,500	2043	* *	1-3	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 73 - BX MINISCHOOL
Asset # : 4378

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Controls								
Electrical	100%			2028	$33,400			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2031	$97,800	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room On The First Floor								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room On The First Floor								
Explanation : 1 Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$13,200	LIFE	* *	2-5	$3,300	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Dampers - Various Areas								
Exhaust Fans								
Interior	70%			2033	$18,600	2	$100	
Roof	30%			2038	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Janitors Closet								
Explanation : 30 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.**		
Address	: **211 DANIEL LOW TERRACE BTWN BENZIGER AVE - CORSON AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R831**
Program / Asset #	: **BOE0957.000 / 1181**	**Yr Built/Renovated**	: **1920 / 2008**
Area Sq Ft	: **31,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3**		
Block	: **18** **Lot** : **6**	**BIN**	: **5000290**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$302,600	
Interior Architecture	$256,600	
Electrical	$54,000	$58,200
Mechanical	$419,800	$118,700
Total	**$1,033,000**	**$176,900**
Importance Code A	$302,600	
Importance Code B	$473,800	$176,900
Importance Code C	$256,600	
Total	**$1,033,000**	**$176,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,400			
Interior Architecture	$85,200	$6,400		$1,800
Electrical	$700	$600	$600	$116,500
Mechanical	$6,800	$4,100	$6,900	$19,500
Site Enclosure	$10,900			
Site Pavements	$36,800			
Total	**$144,900**	**$11,100**	**$7,600**	**$137,700**
Importance Code A	$7,500	$3,100	$3,100	$3,100
Importance Code B	$86,900	$8,000	$4,500	$134,600
Importance Code C	$50,500			
Total	**$144,900**	**$11,100**	**$7,600**	**$137,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.
Asset # : 1181

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$37,600	
Masonry: Brick	90%			LIFE	* *	5	$43,300	
Windows								
Aluminum	100%	Now	$302,600	2057	* *	5	$3,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$4,300	
Not Accessible	10%							
Roof								
Built-Up (BUR)	1%	Now	$4,400	2042	* *			
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Stair Case B								
Not Accessible	99%							
Interior								
Floors								
Mosaic Tile	5%	Now	$22,000	2037	* *	5	$2,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Bathroom Various Locations								
Quarry Tile	5%			2037	* *	5	$3,500	
Vinyl Tile	90%			2037	* *	3	$15,900	
Interior Walls								
Cast in Place Concrete	5%	Now	$75,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basment								
Ceramic Tile	5%	Now	$13,700	2041	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Gypsum Board	15%			LIFE	* *	5	$8,900	
Plaster	75%	Now	$181,100	LIFE	* *	5	$22,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair Bulkhead And Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor, 203, 307, Bulkhead								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.
Asset # : 1181

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2045	* *	5	$2,200	
Embossed Metal	5%			LIFE	* *	5	$1,000	
Exposed Struc: Concrete	15%			LIFE	* *	5	$1,000	
Plaster	75%	Now	$49,500	LIFE	* *	5	$20,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Bulkhead								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : BulkHead								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2052	* *			
Iron Picket	10%			2067	* *			
Retaining Walls								
Masonry: Fieldstone	100%	0-2	$10,900	2052	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Parking/Driveway								
Asphalt	90%	Now	$36,800	2035	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Parking Lot								
Cast in Place Concrete	10%			2045	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2052	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2052	* *	5		
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$100	
Raceway								
Conduit	95%			2032	$58,200	1		
Conduit	5%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.
Asset # : 1181

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2031	$10,000	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$54,000	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2032	$15,400	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	20%			2030	$14,300	5		
No Component	80%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$28,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2027	$26,000	10	$3,700	
Exit, Service	50%			2027	$6,700	1		
Exterior Lighting								
HID	20%			2027	$28,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2040	* *	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : 23 CCTV Surveillance Cameras								
Generic	10%			2027	$5,800	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Inside The Building								
Explanation : Intrusion System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	$16,000	1-3	$3,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.
Asset # : 1181

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$30,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$174,300	2052	* *	4	$1,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Explanation : Undersize Feed Water Tank. No Control Between Condensate Pumps And Feed Water Tank. Air Compressor Is Malfunctioning.								
Terminal Devices								
Convector/Radiator	95%			2037	* *	1	$9,500	
Unit Heater - Steam	5%			2027	$8,800	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	5%			2032	$36,800			
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Roof								
Explanation : 1 Unit. R-410a For Intermediate Distribution Frame Room Only								
Window/Wall Unit	60%			2027	$70,500	1		
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2032	$30,700	1	$500	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2032	$5,300	2	$1,100	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$17,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.

Asset # : 1181

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%	Now	$2,500	2027	$123,700	2	$700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 90%								
Location : Penthouse								
Roof	10%			2032	$6,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%			2030	$118,700	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$51,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2027	$6,200	4	$700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$21,400	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 75 - BX**		
Address	: **984 FAILE STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X075**
Program / Asset #	: **BOE0216.000 / 462**	**Yr Built/Renovated**	: **1958 / 2010**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2747** **Lot** : **1**	**BIN**	: **2006079**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,796,800	$949,300
Interior Architecture	$909,000	$808,100
Electrical	$256,400	$2,474,000
Mechanical	$87,300	$1,435,200
Site Enclosure	$101,900	
Total	**$3,151,400**	**$5,666,600**
Importance Code A	$1,796,800	$1,000,700
Importance Code B	$1,107,100	$4,665,900
Importance Code C	$247,500	
Total	**$3,151,400**	**$5,666,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$92,400		$4,800	
Interior Architecture	$75,100			$29,700
Electrical	$23,900	$10,200	$12,900	$11,400
Mechanical	$133,100	$17,100	$17,400	$15,900
Site Pavements	$37,600			
Total	**$362,100**	**$27,300**	**$35,100**	**$57,000**
Importance Code A	$139,900	$10,800	$15,600	$10,800
Importance Code B	$210,800	$16,500	$19,500	$40,500
Importance Code C	$11,500			$5,700
Total	**$362,100**	**$27,300**	**$35,100**	**$57,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$76,400	
Masonry: Brick	90%	Now	$1,208,100	LIFE	* *	5	$146,700	
Sidewalk Shed in Use, Extent : Light, Area Affected : 25%								
Location : Above 1st Floor Only								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Foundation Wall Into Basement Electrical Room And Boiler Room								
Masonry: Granite	2%			LIFE	* *	5	$4,900	
Masonry: Limestone	5%			LIFE	* *	5	$12,200	
Windows								
Aluminum	100%	2-4	$475,200	2049	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glazing Clouded, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$62,700	
Masonry: Brick	88%			LIFE	* *	5-10	$132,900	
Metal Rail	2%			2046	* *	5-10	$8,000	
Roof								
Built-Up (BUR)	90%			2033	$739,200	10	$63,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Corridors And Classrooms								
Modified Bitumen	10%			2038	* *	10	$7,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$88,200	
Ceramic Tile	5%			2042	* *	5	$10,100	
Marble Panels	3%			LIFE	* *	5	$9,100	
Terrazzo	7%			LIFE	* *	5	$22,000	
Vinyl Tile	73%	2-4	$406,400	2038	* *	3	$55,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Multipurpose Room								
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Multipurpose Room								
Vinyl Tile 9" X 9"	2%	Now	$142,300	2028	$711,300	3	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Room 402								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$57,300	
Ceramic Tile	5%			2042	* *	5	$11,500	
Masonry: Brick	10%			LIFE	* *	10	$6,900	
Marble Panels	5%			LIFE	* *	10	$4,600	
Plaster	70%			LIFE	* *	5-10	$136,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	20%	Now	$120,600	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Sump Pump Room In Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Sump Pump Room In Basement								
Metal Panel	3%	Now	$4,000	LIFE	* *	5	$7,500	
Bent/Warped Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Plaster	77%	Now	$94,200	LIFE	* *	5	$96,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout 5th Floor, Room 456								
Site Enclosure								
Fence/Gates								
Chain Link	75%	0-2	$101,900	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Bottom Railing								
Iron Picket	25%			2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	70%			2036	* *			
Cast in Place Concrete	30%			2038	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Area								
Activity Yard								
Asphalt	80%			2036	* *			
Cast in Place Concrete	15%			2038	* *			
Rubber Matting	5%	Now	$37,600	2043	* *			
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 15%								
Location : Play Yard Area								
Worn/Eroded, Extent : Severe, Area Affected : 80%								
Location : Play Yard Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	$25,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2033	$25,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Disconnect Switch For Emergency With No Name Plate								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$260,100	5	$500	
Raceway								
Conduit	100%			2033	$243,700	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$300	
Fused Knife Sw	5%	2-4	$12,000	2058	* *	5	$100	
On Extended Life, Extent : Light, Area Affected : 5%								
Location : Fan Room. Basement								
Molded Case Bkrs	10%			2049	* *	5	$300	
Molded Case Bkrs	55%			2032	$131,700	5	$1,600	
Molded Case Bkrs	20%			2032	$47,900	5	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Wiring								
Braided Cloth	75%	2-4	$256,400	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$500	
Locally Mounted	10%			2031	$18,100	5	$100	
Variable Frequency Drive	20%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	88%			2033	$1,429,900	10	$88,000	
Fluorescent	2%			2033	$32,500	10	$2,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallway 2nd Floor								
LED	10%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$91,500	10	$13,200	
Exit, Battery	50%			2033	$77,200	10	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$700	
Alarm								
Security System								
Generic	100%			2041	* *	1	$40,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$67,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$47,500	2038	* *	1	$97,200	
Corroded, Extent : Severe, Area Affected : 50%								
Location : 1 Boiler								
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : 1 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$87,300	2043	* *			
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement. Two Condensate Pumps Bearing Noisy								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement Office								
Terminal Devices								
Air Handler	40%			2028	$820,500	1	$27,000	
Convector/Radiator	50%			2038	* *	1	$17,600	
Fan Coil Unit/Heat	10%			2033	$270,200	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	30%			2041	* *			
Window/Wall Unit	60%	Now	$12,400	2028	$247,800	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$19,200	
No Component	80%							
Exhaust Fans								
Interior	20%			2033	$96,700	2	$700	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%	0-2	$13,900	2038	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Water Main And Basement								
Water Heater With Tanks								
Electric	100%	0-2	$47,300	2033	$47,300	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement. Temporary Electric Water Heaters Being Used								
Explanation : Two Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$21,800	4	$3,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 752 - (OLD J. H. S. 142) Q**		
Address	: **142-10 LINDEN BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q142**
Program / Asset #	: **BOE0789.000 / 2630**	**Yr Built/Renovated**	: **1930 / 2002**
Area Sq Ft	: **125,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **11972** **Lot** : **70**	**BIN**	: **4259200**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,671,100	$189,200
Interior Architecture	$2,716,600	$1,873,100
Electrical	$102,600	$280,000
Mechanical	$2,199,800	$1,706,100
Total	**$6,690,000**	**$4,048,300**
Importance Code A	$1,671,100	$189,200
Importance Code B	$5,019,000	$3,859,100
Total	**$6,690,000**	**$4,048,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,100		$8,000	$8,100
Interior Architecture	$119,000		$7,900	$11,300
Electrical	$37,100	$17,100	$17,900	$19,900
Mechanical	$27,900	$24,100	$77,100	$26,600
Site Enclosure	$50,000			
Site Pavements	$48,900			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$313,000**	**$45,100**	**$114,900**	**$69,800**
Importance Code A	$38,500	$12,400	$20,700	$20,400
Importance Code B	$143,000	$32,700	$94,300	$46,100
Importance Code C	$131,500			$3,200
Total	**$313,000**	**$45,100**	**$114,900**	**$69,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 752 - (OLD J. H. S. 142) Q
Asset # : 2630

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$45,500	
Copper/Terne	2%	Now	$50,100	2066	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Gymnasium Wall Facing Fourth Floor Roof								
Masonry: Brick	81%	Now	$155,400	LIFE	* *	5	$94,300	
Vertical Cracks, Extent : Severe, Area Affected : 2%								
Location : Chimney								
Masonry: Brick Cavity	5%			LIFE	* *	5	$5,800	
Masonry: Granite	5%			LIFE	* *	5	$4,400	
Masonry: Limestone	2%	4+	$3,700	LIFE	* *	5	$1,700	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Limestone Sills								
Windows								
Aluminum	93%			2047	* *	5	$16,100	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Basement And 1st Floor Windows								
Explanation : Metal Security Grills								
Glass Block	5%			LIFE	* *	5	$500	
Metal Louvers	2%			2034	* *	10	$2,200	
Parapets								
Cast Stone/Terra Cotta	9%	2-4	$6,000	LIFE	* *	5	$10,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Inner Parapet Upper Roof								
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Throughout Inner Parapet Pper Roof								
Copper/Terne	5%	Now	$2,200	2051	* *	5	$1,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Outer Parapet Upper Roof								
Masonry: Brick	80%			LIFE	* *	5	$11,700	
Masonry: Granite	1%			LIFE	* *	5	$200	
Metal Rail	5%			2036	* *	5-10	$13,200	
Roof								
Built-Up (BUR)	94%	Now	$1,465,600	2041	* *			1
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Over Gymnasium And 20 Percent Of Classrooms On 4th Floor								
IRMA/Protected Membrane	3%	Now	$4,700	2031	$94,800			
Insul Deter/Miss, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	3%			2044	* *	10	$7,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 752 - (OLD J. H. S. 142) Q
Asset # : 2630

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$35,400	
Mosaic Tile	3%			2036	* *	5	$12,100	
Terrazzo	8%	4+	$24,200	LIFE	* *	5	$10,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	40%	2-4	$35,800	2031	$1,789,100	3	$24,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor								
Vinyl Tile 9" X 9"	9%			2026	$2,571,800	3	$5,500	
Wood	30%	2-4	$144,800	2046	* *	5	$45,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,900	
Masonry: Brick	10%			LIFE	* *			
Metal Coiling Doors	1%			2047	* *	5	$6,500	
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell								
Explanation : Metal Panel Stair Separation								
Marble Panels	5%	2-4	$22,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Corridor								
Plaster	54%	Now	$34,100	LIFE	* *	5	$21,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairwell And Bulkhead								
SGFT/Glazed Masonry	24%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,500	
Gypsum Board	5%			LIFE	* *	5	$10,100	
Metal Panel	2%			LIFE	* *	5	$4,000	
Plaster	83%			LIFE	* *	5	$84,000	
Site Enclosure								
Fence/Gates								
Chain Link	55%	2-4	$17,400	2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Rear Parking								
Iron Picket	45%	2-4	$6,200	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 752 - (OLD J. H. S. 142) Q
Asset # : 2630

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	90%	4+	$26,400	2051	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 143rd Street, Loading Ramp, And Rear Basement Entry								
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 142nd Street								
Explanation : Granite Side Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	100%	Now	$48,900	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Parking								
Ponding, Extent : Light, Area Affected : 2%								
Location : Rear Parking								
Potholes, Extent : Severe, Area Affected : 10%								
Location : Rear Parking								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$500	
Raceway								
Conduit	70%			2041	* *	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$300	
Molded Case Bkrs	60%			2039	* *	5	$2,000	
Molded Case Bkrs	30%			2047	* *	5	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 752 - (OLD J. H. S. 142) Q
Asset # : 2630

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	$102,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2041	* *	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2036	* *	5	$600	
Locally Mounted	30%			2029	$54,400	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$38,500	
Generators								
Diesel	100%			2034	* *	1	$48,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 150 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$27,900	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2039	* *	10	$108,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Service	40%			2031	$30,800	1		
Emergency, Battery	10%			2039	* *	10	$3,000	
Exit, Service	25%			2031	$13,500	1		
Exit, Service	25%			2039	* *	1		
Exterior Lighting								
HID	20%			2031	$116,700	10	$100	
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 752 - (OLD J. H. S. 142) Q

Asset # : 2630

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$79,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$123,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	10%	0-2	$2,000	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Vacuum Pump, Boiler Room								
Steam Piping/Pump	90%			2031	$900,900			
Terminal Devices								
Air Handler	25%			2026	$588,100	1	$19,300	
Convector/Radiator	50%			2029	$511,100	1	$20,200	
Fan Coil Unit/Heat	25%			2026	$774,800	1	$10,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2026	$284,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 752 - (OLD J. H. S. 142) Q

Asset # : 2630

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	85%			2026	$471,200	2	$3,300	
Roof	15%			2026	$36,400	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,000	
Sewage Ejector(s)								
Electric	100%			2031	$65,400	4	$5,000	
Backflow Preventer								
Generic	100%			2031	$55,800	1	$7,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$172,900	1-2	$3,500	
Chemical System								
Generic	99%			2026	$80,800	1-3	$73,700	
Generic	1%			2026	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 76 - BX**		
Address	: **900 ADEE AVENUE @BRONXWOOD AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X076**
Program / Asset #	: **BOE0217.000 / 143**	**Yr Built/Renovated**	: **1932 / 2012**
Area Sq Ft	: **66,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4552** **Lot** : **10**	**BIN**	: **2054933**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$71,100
Interior Architecture	$328,000	$53,000
Electrical	$292,300	$1,596,800
Mechanical	$392,500	$412,000
Total	**$1,012,900**	**$2,132,900**
Importance Code A		$71,100
Importance Code B	$1,012,900	$2,061,800
Total	**$1,012,900**	**$2,132,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,800			
Interior Architecture	$48,700	$8,900	$2,500	$12,300
Electrical	$21,300	$1,800	$2,300	$27,100
Mechanical	$58,500	$11,200	$16,000	$37,600
Site Enclosure	$11,500			
Site Pavements	$20,600			
Total	**$171,400**	**$21,900**	**$20,800**	**$77,100**
Importance Code A	$17,300	$6,500	$6,500	$6,700
Importance Code B	$111,200	$12,400	$14,200	$70,400
Importance Code C	$42,800	$2,900		
Total	**$171,400**	**$21,900**	**$20,800**	**$77,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2052	* *	10	$10,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold								
Masonry: Brick	60%			LIFE	* *	5	$53,300	
Repairs in Progress, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold								
Masonry: Brick	20%			LIFE	* *	5	$17,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$3,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold								
Masonry: Limestone	10%			LIFE	* *	5	$6,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold								
Windows								
Aluminum	100%			2054	* *	5	$21,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$8,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold								
Pre-Cast Concrete	10%			LIFE	* *	5	$6,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	5%			2072	* *	10	$6,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Brand New								
Modified Bitumen	95%			2042	* *	10	$47,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$21,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Water Proofing Underway								
Ceramic Tile	5%			2041	* *	5	$5,000	
Sheet Vinyl/Rubber	2%	Now	$65,200	2042	* *	5	$1,500	
Seams Open/Split, Extent : Severe, Area Affected : 30%								
Location : Auditorium								
Worn/Eroded, Extent : Severe, Area Affected : 30%								
Location : Auditorium								
Terrazzo	1%	0-2	$4,700	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : First Floor Hallway								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : First Floor Hallway								
Vinyl Tile	48%			2037	* *	3	$17,900	
Vinyl Tile 9" X 9"	24%	0-2	$211,200	2042	* *	3	$9,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs And Corridors								
Explanation : Aluminum Composite Material								
Wood	10%			2047	* *	5	$18,700	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2035	* *	5	$5,800	
Marble Panels	3%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Lobby								
Plaster	72%	Now	$40,900	LIFE	* *	5	$25,200	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stair Bulkhead, Corridor								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%	0-2	$3,200	2037	* *	5	$2,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Plaster	85%	Now	$51,600	LIFE	* *	5	$53,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Corridors								
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Classroom 403								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2052	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold								
Iron Picket	30%	4+	$1,700	2067	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Various								
Other Observation, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold. Limited Access.								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$9,800	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Radcliff Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$8,200	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Adee Avenue, Near Entrance								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	60%	Now	$300	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : At Entry Stairs And Stairs Throughout								
Explanation : Repairs Underway, Construction Scaffold And Limited Access. Deteriorated Caulking.								
Masonry: Granite	40%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold, Limited Access.								
Activity Yard								
Asphalt	95%	4+	$12,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Activity Yard								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold. No Access.								
Pavers/Stone	2%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Thoughout								
Explanation : Repairs Underway, Construction Scaffold.								
Rubber Matting	3%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs Underway, Construction Scaffold								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	95%			2032	$137,400	1		
Conduit	5%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2031	$18,000	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	15%			2048	* *	5	$300	
Molded Case Bkrs	70%			2031	$125,700	5	$1,200	
Wiring								
Braided Cloth	90%	2-4	$179,600	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	30%			2045	* *	5	$100	
Locally Mounted	50%			2030	$59,700	5	$200	
Variable Frequency Drive	20%			2049	* *			
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$944,500	10	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	$19,700	10	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Landings								
Explanation : Compact Fluorescent Lights								
HID	2%			2032	$15,600	10		
Egress Lighting								
Emergency, Battery	50%			2032	$55,400	10	$8,000	
Exit, Service	50%			2032	$14,200	1		
Exterior Lighting								
HID	20%			2027	$61,600	10		
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$24,800	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Offices								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$51,100	1-3	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bell, Pull Box Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One No.2 Oil Tank, 10,000 Gallons Unit Runs Only On Fuel At This Time.								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$65,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$37,100	2042	* *	4	$3,300	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Lines								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Steam Piping Broken And Leaking								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	20%	Now	$124,200	2032	$248,400	1	$7,300	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement. 4 Out Of 7 Units Are Not Working, Gymnasium, Top Floor, Auditorium								
Convector/Radiator	70%			2037	* *	1	$14,900	
Fan Coil Unit/Heat	10%			2032	$163,600	1	$2,100	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	Now	$4,000	2027	$200,000	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Window, Wall Units For Room 209 And 352 Are Not Working								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	
Exhaust Fans								
Interior	100%			2037	* *	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : New Exhaust Motor And Belt								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2052	* *	1		
Galvanized Steel	60%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$68,300	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2032	$13,200	4	$2,100	
Backflow Preventer								
No Component	90%							
Generic	10%			2032	$2,900	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2052	* *	1-2	$900	
Chemical System								
No Component	80%							
Generic	20%			2027	$24,500	1-3	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 76 - BX
Asset # : 143

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

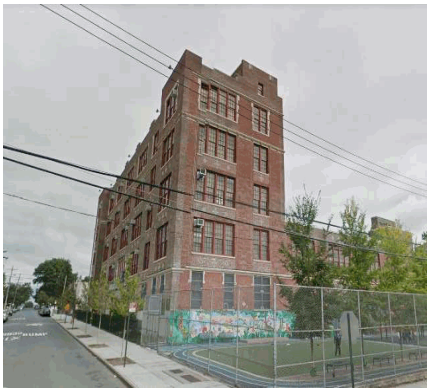
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 78 - BX**		
Address	: **1400 NEEDHAM AVENUE @FISH AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X078**
Program / Asset #	: **BOE0219.000 / 144**	**Yr Built/Renovated**	: **1924 / 2009**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Dec-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **4719** **Lot** : **1**	**BIN**	: **2060191**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$664,400	$171,700
Interior Architecture	$7,768,000	$52,300
Electrical	$394,700	$787,000
Mechanical	$1,034,400	$1,004,800
Total	**$9,861,600**	**$2,015,800**
Importance Code A	$1,140,300	$171,700
Importance Code B	$8,565,500	$1,844,100
Importance Code C	$155,800	
Total	**$9,861,600**	**$2,015,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$11,400		
Interior Architecture	$47,000	$4,000		$8,000
Electrical	$14,200	$2,600	$3,700	$67,400
Mechanical	$50,300	$20,000	$27,700	$100,100
Site Enclosure	$31,500			
Site Pavements	$11,500			
Total	**$154,500**	**$38,000**	**$31,400**	**$175,500**
Importance Code A		$20,500	$9,000	$9,200
Importance Code B	$136,400	$17,600	$22,400	$166,300
Importance Code C	$18,100			
Total	**$154,500**	**$38,000**	**$31,400**	**$175,500**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$29,800	
Masonry: Brick	70%			LIFE	* *	5	$133,500	
Masonry: Brick	20%	Now	$314,200	LIFE	* *	5	$38,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkhead								
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : Foundation Wall Facing Yard								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair Between 4th Floor And Roof, Foundation At North Wall								
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Foundation Wall Facing Yard								
Explanation : Construction In Progress								
Masonry: Granite	3%			LIFE	* *	5	$4,300	
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Windows								
Aluminum	100%	Now	$265,100	2048	* *	5	$27,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,100	
Masonry: Brick	85%			LIFE	* *	5	$17,700	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Metal Rail	5%			2045	* *	5-10	$18,800	
Roof								
Built-Up (BUR)	100%			2037	* *	10	$85,100	
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$27,100	LIFE	* *	5	$34,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Boiler Room								
Explanation : Construction In Progress								
Ceramic Tile	5%			2035	* *	5	$8,000	
Marble Panels	5%			LIFE	* *	5	$6,000	
Terrazzo	5%	0-2	$14,900	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Frist Floor Hallway								
Vinyl Tile	15%	0-2	$132,200	2037	* *	3	$9,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Patching Evident, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%			2027	$7,038,100	3	$19,900	
Patching Evident, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria And Corridors								
Explanation : Aluminum Composite Material								
Wood	35%			2047	* *	5	$104,700	
Interior Walls								
Glass: Single Pane	10%			LIFE	* *	5	$6,400	
Masonry: Brick	10%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Marble Panels	5%			LIFE	* *			
Plaster	75%	Now	$155,800	LIFE	* *	5	$19,200	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stairwell F								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	20%	4+	$148,500	LIFE	* *	5	$3,100	
Paint Peeling, Extent : Severe, Area Affected : 75%								
Location : Basement Boiler Room								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Plaster	80%	Now	$241,100	LIFE	* *	5	$49,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Stairwell F								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout Stairwell F, Various Classrooms								
Patching Evident, Extent : Severe, Area Affected : 3%								
Location : Stairwell F								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 307, Stairwell F								
Site Enclosure								
Fence/Gates								
Chain Link	90%	4+	$16,900	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Hicks Street, Fish Avenue								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Explanation : Construction In Progress. Scaffold. Limited Access.								
Iron Picket	10%	Now	$800	2067	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : All Locations								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Needham Avenue								
Explanation : Unlevel, Leaning								
Retaining Walls								
Cast in Place Concrete	20%	4+	$1,500	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Above Stone Wall And Within								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Construction In Progress, Scaffold Sited. Access Limited.								
Masonry: Fieldstone	80%	4+	$12,300	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Fish Avenue And Hicks Street And Activity Yard								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Various								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Construction In Progress. Access Limited.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,100	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Needham Avenue, Near Iron Picket								
On-Site Walkways								
Asphalt	95%	4+	$400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Construction In Progress. No Access.								
Cast in Place Concrete	5%			2037	* *			
Activity Yard								
Asphalt	45%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Yard								
Explanation : Construction In Progress. Scaffold.								
Pavers/Stone	5%			2041	* *			
Rubber Matting	10%			2037	* *			
Traffic Topping	40%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Green Turf Topping								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$159,300	5	$300	
Fused Disc Sw	30%			2042	* *	5	$100	
Raceway								
Conduit	95%			2032	$191,700	1		
Conduit	5%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	2%			2040	* *	5		
Fused Disc Sw	8%			2031	$19,200	5	$200	
Fused Toggle Switch	5%	2-4	$12,000	2057	* *	5	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2031	$179,600	5	$1,800	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$233,400	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2042	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$107,500	5	$600	
Variable Frequency Drive	10%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	94%			2040	* *	10	$78,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	6%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2027	$76,400	10	$11,000	
Exit, Service	50%			2027	$19,600	1		
Exterior Lighting								
HID	20%			2027	$84,900	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$34,200	1	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Offices								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$70,400	1-3	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Pull Box Station, Alarm Bell, Horns, And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2042	* *	5	$28,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$475,900	2052	* *	1	$81,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Both Boilers								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$127,900	2042	* *	4	$4,500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Basement. Broken Steam Piping								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement. Leaking Vacuum Pump								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control System								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$137,000	2032	$342,500	1	$10,100	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement. Most Of The Blowers Are Not Working								
Convector/Radiator	70%			2037	* *	1	$20,600	
Fan Coil Unit/Heat	10%			2032	$225,600	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	Now	$12,100	2027	$241,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various. 3 Of The Window Wall Units Are Not Working								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,700	
Exhaust Fans								
Interior	90%	0-2	$18,200	2032	$363,200	2	$2,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various. 3 Exhaust Fans Are Not Working								
Roof	10%			2032	$17,700	2	$300	
Plumbing								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2052	* *	1		
Galvanized Steel	90%	0-2	$52,300	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2027	$18,200	4	$1,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,300	
Chemical System								
Wet	10%			2027	$36,700	1-3	$41,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102,								
No Component	70%							
Generic	20%			2030	$73,400	1-3	$72,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 78 - Q / ECC ANNEX**				
Address	: **48-09 CENTER BLVD**				
Borough	: **QUEENS**			**Agency's Number**	: **LEASE-Q868**
Program / Asset #	: **BOE1064.000 / 14392**			**Yr Built/Renovated**	: **1997 /**
Area Sq Ft	: **25,850**			**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2**				
Block	: **18**	**Lot**	: **1**	**BIN**	: **4000019**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$590,700
Mechanical		$212,200
Total		**$802,900**
Importance Code B		$802,900
Total		**$802,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Interior Architecture	$3,000		$4,400	
Electrical	$6,900	$3,700	$3,500	$4,000
Mechanical	$9,000	$23,700	$12,700	$13,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$22,900**	**$31,400**	**$24,600**	**$21,800**
Importance Code A		$100		
Importance Code B	$20,800	$31,300	$24,600	$21,800
Importance Code C	$2,100			
Total	**$22,900**	**$31,400**	**$24,600**	**$21,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 78 - Q / ECC ANNEX
Asset # : 14392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$4,200	
Ceramic Tile	5%			2039	* *	5	$1,900	
Vinyl Tile	90%			2035	* *	3	$13,100	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$4,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,700	
Gypsum Board	90%			LIFE	* *	5	$44,700	
Ceilings								
AcousTileSusp.Lay-In	100%			2043	* *	5	$38,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Site Pavements								
Activity Yard								
Rubber Matting	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Building Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$100	
Molded Case Bkrs	90%			2038	* *	5	$600	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$8,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 78 - Q / ECC ANNEX
Asset # : 14392

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2033	$138,700	1	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Garage								
Explanation : Emergency Generator Rated At 175 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$1,000	
Fuel Storage								
Day Tank	20%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Garage								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Garage								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2030	$381,500	10	$23,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2030	$3,900	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
Egress Lighting								
Emergency, Service	50%			2030	$8,000	1		
Exit, Service	50%			2030	$5,600	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$14,600	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2030	$66,700	1-3	$16,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Alarm Bells, Smoke Detectors, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
P. S. 78 - Q / ECC ANNEX
Asset # : 14392

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2046	* *	4	$1,300	
Terminal Devices								
Convector/Radiator	10%			2043	* *	1	$800	
Fan Coil Unit/Heat	90%			2035	* *	1	$7,500	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2035	* *	1	$12,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units, Mechanical Rooms								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2050	* *	4	$1,300	
Terminal Devices								
Air Handler/Dir Expansion	100%			2035	* *	1		
Heat Rejection								
Water Cooling Tower	100%			2031	$130,600	2	$26,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$14,400	
Exhaust Fans								
Interior	100%			2035	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$13,000	
Sprinkler								
Generic	100%			2050	* *	1-2	$7,200	

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DEPARTMENT OF EDUCATION - 040
P. S. 78 - Q / ECC ANNEX
Asset # : 14392

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 79 - BX**
Address : **125 EAST 181 STREET BTWN: CRESTON AVE - MORRIS AVE**
Borough : **BRONX**
Agency's Number : **X079**
Program / Asset # : **BOE0220.000 / 449**
Yr Built/Renovated : **1925 / 2010**
Area Sq Ft : **191,360**
Project Type : **EDUCATION**
Date of Survey : **27-Nov-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **3170** **Lot** : **1**
BIN : **2013849**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$391,100
Interior Architecture	$1,671,300	$307,000
Electrical	$317,700	$760,700
Mechanical	$1,789,100	$4,525,500
Total	**$3,778,000**	**$5,984,300**
Importance Code A		$421,900
Importance Code B	$2,767,400	$5,391,100
Importance Code C	$1,010,600	$171,200
Total	**$3,778,000**	**$5,984,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,100		$154,700	$7,600
Interior Architecture	$224,000			$23,600
Electrical	$19,000	$24,200	$27,100	$18,700
Mechanical	$85,900	$57,500	$91,200	$60,000
Site Enclosure	$6,700			
Site Pavements	$13,500			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$367,100**	**$91,600**	**$283,000**	**$119,800**
Importance Code A	$24,200	$16,100	$171,300	$23,700
Importance Code B	$286,900	$75,500	$111,700	$96,100
Importance Code C	$56,000			
Total	**$367,100**	**$91,600**	**$283,000**	**$119,800**

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Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$57,100	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Masonry: Brick	36%			LIFE	* *	5	$87,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Masonry: Brick Cavity	30%			LIFE	* *	5	$73,100	
Masonry: Limestone	1%			LIFE	* *	5	$1,800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Metal/Glass Curt Wall	12%			LIFE	* *	5	$54,800	
Metal Panel	1%			2051	* *	5-10	$16,700	
Pre-Cast Concrete	7%			LIFE	* *	5	$55,400	
Window Wall	10%			2051	* *	5	$91,400	
Windows								
Aluminum	70%			2056	* *	5	$53,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Aluminum	20%			2047	* *	5	$15,300	
Metal Louvers	5%			2046	* *	10	$23,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Metal Louvers	5%			2040	* *	10	$23,900	

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Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Concrete Masonry Unit	27%			LIFE	* *	5	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Building								
Explanation : Modified Bitumen Over Masonry								
Masonry: Brick	43%			LIFE	* *	5	$10,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Masonry: Brick Cavity	8%			LIFE	* *	5	$2,000	
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Metal Rail	2%			2044	* *	5-10	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Building								
Explanation : Morris Avenue Facade Of 2010 Building And Creston Avenue Facade Of 2010 Addition								
Metal Rail	2%			2051	* *	5-10	$8,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : 1925 Building								
Pre-Cast Concrete	3%	4+	$1,200	LIFE	* *	5	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 2010 Addition Parapet Copings								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Copings								
Not Accessible	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 2010 Addition								
Explanation : Area Is Currently Being Used As A Swing Space For Construction Work								

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Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	30%			2036	* *	10	$37,800	
Paver Block Ballast, Extent : Moderate, Area Affected : 10%								
Location : 2010 Main Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Main Building And Small Lower Roofs								
Modified Bitumen	50%			2041	* *	10	$63,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Explanation : New Modified Bitumen Roof Currently Under Construction								
Play Surface	10%			2036	* *	10	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Cafeteria And Kitchen Addition								
Explanation : Partial Roof Visible								
Under Construction	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 2010 Cafeteria And Kitchen Addition								
Explanation : Swing Space Location At Play Area								
Soffits								
Cement - Fiber Panel	100%	Now	$1,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Interior								

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Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	1%	0-2	$1,000	2030	$50,700	3	$4,300	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Library								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Explanation : Library								
Cast in Place Concrete	10%	Now	$48,700	LIFE	* *	5	$62,700	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Fan Room In Basement Of 1925 Building								
Ceramic Tile	5%	Now	$16,100	2040	* *	5	$7,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 3%								
Location : Pre Kindergarten And Two Bathrooms In 1925 Building								
Cracking/Crumbling, Extent : Severe, Area Affected : 3%								
Location : Pre Kindergarten And Two Bathrooms In 1925 Building								
Misaligned/Bulging, Extent : Severe, Area Affected : 3%								
Location : Pre Kindergarten And Two Bathrooms In 1925 Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Explanation : Three Bathrooms Are Old And In Bad Condition								
Marble Panels	1%			LIFE	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Explanation : Stairs From First To Second Floor								
Quarry Tile	2%			2044	* *	5	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Addition								
Explanation : Kitchen								
Terrazzo	5%	4+	$26,800	LIFE	* *	5	$11,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : First Floor, Lobby Baseboard In 2010 Building								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1925 Building Original Lobby And Second Floor Corridor								
Vinyl Tile	10%	Now	$237,400	2041	* *	3	$10,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 1925 Building Corridors, Fifth Floor Classrooms And Stairwells								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Fifth Floor Classrooms								
Uneven Surface, Extent : Moderate, Area Affected : 75%								
Location : Corridors In 1925 Building								
Vinyl Tile	52%	Now	$82,300	2036	* *	3	$55,900	
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : Fifth Floor 1925 Building Corridor								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Classrooms And Offices Throughout 1925 Building								
Wood	14%			2059	* *	5	$75,200	

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Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	15%	Now	$664,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement At 1925 Building								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Basement In 1925 Building								
Spalling, Extent : Severe, Area Affected : 2%								
Location : Basement In 1925 Building								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement At 1925 Building								
Ceramic Tile	7%	Now	$44,900	2040	* *	5	$20,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Pre-kindergarten Bathroom, Two Bathrooms In 1925 Building, Cafeteria And Kitchen								
Misaligned/Bulging, Extent : Severe, Area Affected : 3%								
Location : Pre-kindergarten Bathroom And Two Bathrooms In 1925 Building								
Concrete Masonry Unit	5%			LIFE	* *	5	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 And 2010 Building								
Explanation : In Basement And Stairwells								
Gypsum Board	30%			LIFE	* *	5	$104,800	
Masonry: Brick	2%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Explanation : First Floor And Basement								
Metal: Cage/Fence	1%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Explanation : Metal Cage And Some Painted Glass Panels In Stairwells								
Marble Panels	1%	4+	$77,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 1925 Building								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : 1925 Building First And Second Floor								
Plaster	38%	Now	$269,300	LIFE	* *	5	$66,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 1925 Building Corridors And Stairwells								
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : 1925 Building Bulkheads								
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : 1925 Building Bulkheads								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 1925 Building Stairwells And Bulkhead								

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Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Wood	1%			LIFE	* *	5	$23,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1925 Building								
Explanation : Auditorium Stage Area								
Ceilings								
AcousTileConcealSpLn	3%	Now	$75,200	2051	* *	5	$4,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Bathrooms In 1925 Building								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Bathrooms In 1925 Building								
Patching Evident, Extent : Moderate, Area Affected : 50%								
Location : Bathrooms In 1925 Building								
Worn/Eroded, Extent : Severe, Area Affected : 75%								
Location : Bathrooms In 1925 Building								
AcousTileSusp.Lay-In	33%			2044	* *	5	$85,700	
Exposed Struc: Concrete	10%	Now	$194,600	LIFE	* *	5	$4,100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 50%								
Location : At Basement Perimeter								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement In 1925 Building Mechanical Rooms								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	3%			LIFE	* *	5	$9,700	
Metal Panel	1%	4+	$1,700	LIFE	* *	5	$3,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 3%								
Location : Kitchen								
Plaster	45%	Now	$71,100	LIFE	* *	5	$73,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1925 Building Stairwells And Bulkheads								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : 1925 Building Classrooms 413 And 416, Stairwells And Bulkheads								
Site Enclosure								
Fence/Gates								
Aluminum Rail	20%			2044	* *	5-10	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2010 Buildings								
Explanation : Railings At Roofs								
Under Construction	80%							
Retaining Walls								
Under Construction	100%							
Site Pavements								

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Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	75%	Now	$9,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Creston Avenue								
Misaligned/Bulging, Extent : Moderate, Area Affected : 3%								
Location : Creston Avenue								
Under Construction	25%							
On-Site Walkways								
Cast in Place Concrete	45%	Now	$1,200	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : East 181st. Street Steps								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : East 181st. Street Steps								
Explanation : Water Penetration At Stair Joints Joints Mortar Missing								
Pavers/Stone	5%	Now	$1,100	2034	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Creston Avenue Exits								
Spalling, Extent : Moderate, Area Affected : 75%								
Location : Creston Avenue Exits								
Under Construction	50%							
Parking/Driveway								
Asphalt	90%	Now	$2,100	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Creston Avenue Driveway								
Under Construction	10%							
Activity Yard								
Cast in Place Concrete	25%			2044	* *			
Under Construction	75%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2031	$30,800	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement Old Wings								
Explanation : One 1,800 Amperes For Main Distribution Panel And One 800 Amperes For Air Conditioning Unit Main Disconnect Switches								
Fused Disc Sw	40%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement New Wing								
Explanation : Two 2,000 Amperes For Housing And Main Distribution Board And One 800 Ampere For Emergency Distribution Board Main Disconnect Switch								

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Asset # : 449

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2044	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Elevator Room New Wing								
Explanation : Two 30 Kilovolt-ampere Primary Voltage Of 208 Delta And Secondary Voltage Of 208 Y/120								
Switchgear / Switchboard								
Fused Disc Sw	50%			2031	$162,600	5	$400	
Fused Disc Sw	40%			2051	* *	5	$300	
Molded Case Bkrs	10%			2051	* *	5	$500	
Raceway								
Conduit	55%			2031	$185,400	1		
Conduit	45%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2030	$17,000	5	$200	
Fused Disc Sw	5%			2047	* *	5	$200	
Molded Case Bkrs	50%			2030	$169,600	5	$2,500	
Molded Case Bkrs	40%			2047	* *	5	$2,000	
Wiring								
Braided Cloth	40%	2-4	$179,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2031	$44,900	1		
Thermoplastic	50%			2051	* *	1		
Motor Controllers								
Locally Mounted	40%			2029	$72,600	5	$500	
Locally Mounted	30%			2044	* *	5	$400	
Variable Frequency Drive	30%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor Fan Room								
Explanation : Variable Frequency Drives Are In Satisfactory Condition.								
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,400	
Generic	50%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$58,900	
Generators								
Diesel	100%			2040	* *	1	$74,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement Old Wing								
Explanation : One 200 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$7,100	

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Asset # : 449

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement Old Wing								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	54%			2039	* *	10	$94,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Old Wings								
Explanation : T-8 Lamps								
Fluorescent	40%			2036	* *	10	$70,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Classroom, Offices, Bathroom, Hallway And Basement								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$3,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby In New Wing								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Service	20%			2036	* *	1		
Emergency, Battery	20%			2026	$64,200	10	$9,200	
Emergency, Battery	10%			2039	* *	10	$4,600	
Exit, Service	15%			2036	* *	1		
Exit, Service	35%			2039	* *	1		
Exterior Lighting								
No Component	70%							
Under Construction	30%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$1,300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$14,300	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : The Fire Alarm Is On Trouble Condition; It Needs New Programming.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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Asset # : 449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks Of 7,500 Gallons								
Conversion Equipment								
Hot Water Boiler	30%			2044	* *	1	$28,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units Used To Provide Hydronic Loop. Gas Fired Only.								
Steam Boiler	70%			2036	* *	1	$132,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. Oil Fired Only.								
Distribution								
Hot Wtr Piping/Pump	30%			2047	* *	4	$2,800	
Steam Piping/Pump	70%			2041	* *			
Terminal Devices								
Air Handler	14%			2026	$504,200	1	$16,600	
Convector/Radiator	50%			2029	$782,400	1	$30,900	
Fan Coil Unit/Heat	6%			2026	$284,700	1	$3,700	
No Component	30%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Covered Under Air Conditioning System								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%	Now	$128,600	2036	* *	2	$3,700	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Units Operating In Manual Mode Throughout								
Damaged, Extent : Light, Area Affected : 20%								
Location : No. 1 Rooftop Unit Coil Damaged								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Units With Gas Furnace - Refrigerant 410-a								
Split Unit	5%			2031	$227,200			
Window/Wall Unit	50%			2026	$362,500	1		
No Component	5%							
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2	$99,600	
No Component	60%							

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Asset # : 449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	30%			2031	$1,058,200	1	$35,500	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2041	* *	2	$133,300	
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$64,000	
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Covered Under Air Conditioning Units								
Exhaust Fans								
Interior	60%			2026	$509,200	2	$3,500	
Roof	10%			2039	* *	2	$600	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$2,457,700	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : With 250 Gallon Storage Tank								
Sanitary Piping								
Cast Iron	70%	4+	$33,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Near Running Trap In Basement								
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%	Now	$9,400	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Burst Buried Piping								
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$7,700	2031	$38,300	4	$4,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Temporary Pump In Use								
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$11,400	
Backflow Preventer								
Generic	100%			2036	* *	1	$11,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - BX

Asset # : 449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2051	* *	1-5	$30,000	
Sprinkler								
No Component	65%							
Generic	35%			2051	* *	1-2	$18,800	
Fire Pump								
No Component	70%							
Generic	30%			2040	* *	1	$10,700	
Chemical System								
No Component	98%							
Generic	2%			2026	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 806 - BK PUPIL PERSONNEL AND SERVICES**			
Address	:	**362 SCHERMERHORN ST. @ 3RD AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K806**
Program / Asset #	:	**BOE0664.000 / 311**	**Yr Built/Renovated**	:	**1850 / 2014**
Area Sq Ft	:	**46,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**08-Dec-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Floors 1,2,3**			
Block	:	**173** **Lot** : **23**	**BIN**	:	**3000575**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$961,700	$58,400
Interior Architecture	$836,000	$233,000
Electrical		$1,202,600
Mechanical		$1,040,700
Total	**$1,797,600**	**$2,534,800**
Importance Code A	$961,700	$58,400
Importance Code B	$449,500	$2,476,400
Importance Code C	$386,500	
Total	**$1,797,600**	**$2,534,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$71,200			
Interior Architecture	$122,100	$3,600		$8,500
Electrical	$5,900	$4,300	$5,200	$5,200
Mechanical	$6,500	$7,700	$6,500	$7,200
Site Enclosure	$6,900			
Site Pavements	$16,000			
Total	**$228,600**	**$15,500**	**$11,700**	**$20,800**
Importance Code A	$75,800	$4,600	$4,600	$4,600
Importance Code B	$50,000	$11,000	$7,200	$16,200
Importance Code C	$102,800			
Total	**$228,600**	**$15,500**	**$11,700**	**$20,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 806 - BK PUPIL PERSONNEL AND SERVICES
Asset # : 311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$53,700	
Masonry: Brick	85%	2-4	$961,700	LIFE	* *	5	$58,400	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brownstone	10%			LIFE	* *	5	$10,300	
Windows								
Aluminum	100%	Now	$39,200	2041	* *	5	$8,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Parapets								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Sloped Roof, Inaccessible								
Roof								
Modified Bitumen	10%			2038	* *	10	$5,000	
Not Accessible	90%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Upper Roof								
Explanation : Asphalt Shingle Sloped Roof Inaccessible								
Interior								
Floors								
Asphalt Poured	5%	Now	$65,900	2038	* *	5	$900	
Split/Cracked, Extent : Light, Area Affected : 10%								
Location : Stairs B, C, And D								
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Stair Landings								
Cast in Place Concrete	10%	Now	$12,100	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Steps								
Ceramic Tile	5%			2042	* *	5	$3,600	
Sheet Vinyl/Rubber	5%			2033	$233,000	5	$5,300	
Vinyl Tile	75%	2-4	$73,800	2038	* *	3	$20,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 806 - BK PUPIL PERSONNEL AND SERVICES
Asset # : 311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%	Now	$96,600	2036	* *	5	$8,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Stairs C, D And Toilets								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,700	
Gypsum Board	24%			LIFE	* *	5-10	$47,800	
Masonry: Brick	13%	Now	$289,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Masonry: Fieldstone	3%	Now	$32,400	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Joint Erosion								
Plaster	40%			LIFE	* *	5-10	$39,800	
Ceilings								
AcousTileSusp.Lay-In	10%			2050	* *	5	$7,100	
Embossed Metal	60%	Now	$257,400	LIFE	* *	5	$19,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$8,900	
Masonry: Infill Arch	10%	Now	$52,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	10%	Now	$10,800	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2053	* *			
Iron Picket	60%	Now	$6,900	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Gate At State Street								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 806 - BK PUPIL PERSONNEL AND SERVICES
Asset # : 311

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$11,400	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 3rd Avenue								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : 3rd Avenue								
On-Site Walkways								
Cast in Place Concrete	40%			2046	* *			
Pavers/Stone	60%	2-4	$4,600	2042	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Throughout								
Activity Yard								
Traffic Topping	50%			2038	* *			
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Activity Yard								
Explanation : Construction Of New Replacement School								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$45,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2043	* *	5	$100	
Fused Disc Sw	50%			2033	$97,500	5	$100	
Raceway								
Conduit	50%			2033	$50,800	1		
Conduit	50%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$200	
Locally Mounted	20%			2031	$9,400	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 806 - BK PUPIL PERSONNEL AND SERVICES
Asset # : 311

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$784,900	10	$42,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	$38,600	10	$5,600	
Exit, Service	50%			2033	$9,900	1		
Exterior Lighting								
HID	30%			2028	$64,400	10		
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2036	* *	5	$500	
Alarm								
Security System								
Generic	100%			2033	$86,400	1	$17,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$118,700	1-3	$29,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$45,600	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	90%			2031	$338,500	1	$13,400	
Fan Coil Unit/Heat	10%			2028	$114,100	1	$1,500	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 806 - BK PUPIL PERSONNEL AND SERVICES
Asset # : 311

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2033	$109,200			
Window/Wall Unit	70%			2031	$122,000	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2033	$112,300	1	$1,500	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2033	$10,700	2	$3,200	
No Component	90%							
Ventilation								
Exhaust Fans								
Wall Unit	60%			2038	* *	2	$800	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$117,500	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$9,200	4	$1,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2033	$127,200	1-2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 81 - BX**				
Address	: **5550 RIVERDALE AVENUE @W. 256 STREET**				
Borough	: **BRONX**		**Agency's Number**	: **X081**	
Program / Asset #	: **BOE0222.000 / 451**		**Yr Built/Renovated**	: **1926 / 2008**	
Area Sq Ft	: **62,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **09-Dec-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2**				
Block	: **5850**	**Lot** : **1550**	**BIN**	: **2084806**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,566,400	$141,400
Interior Architecture	$1,694,500	
Electrical	$333,200	$447,600
Mechanical	$164,400	$1,381,300
Site Pavements	$370,700	
Total	**$4,129,200**	**$1,970,300**
Importance Code A	$1,566,400	$141,400
Importance Code B	$2,402,700	$1,828,900
Importance Code C	$160,100	
Total	**$4,129,200**	**$1,970,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$40,900	$30,400		
Interior Architecture	$123,400	$3,700		$15,900
Electrical	$21,200	$1,700	$1,900	$87,600
Mechanical	$56,500	$8,600	$22,400	$8,600
Site Enclosure	$8,300			
Site Pavements	$17,100			
Total	**$267,400**	**$44,400**	**$24,300**	**$112,000**
Importance Code A	$47,100	$36,600	$6,100	$6,300
Importance Code B	$157,700	$7,800	$18,200	$105,700
Importance Code C	$62,600			
Total	**$267,400**	**$44,400**	**$24,300**	**$112,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	$1,010,700	LIFE	* *	5	$61,400	
Repairs in Progress, Extent : N/A, Area Affected : 80%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Along Riverdale Avenue And Throughout								
Masonry: Fieldstone	15%	Now	$268,900	LIFE	* *	5	$9,900	
Recent Construction, Extent : N/A, Area Affected : 80%								
Location : Throughout, Still Ongoing								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement, Riverdale Avenue Side, Near Electrical Panel								
Masonry: Fieldstone	10%			LIFE	* *	5	$6,600	
Masonry: Marble	5%	0-2	$40,900	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Main Entrance Riverdale Avenue And Throughout								
Windows								
Aluminum	85%	0-2	$131,500	2048	* *	5	$13,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Steel	15%			2040	* *	5	$60,900	
Parapets								
Cast Stone/Terra Cotta	65%			LIFE	* *	5	$80,000	
Repairs in Progress, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	35%			LIFE	* *	5	$7,000	
Recent Construction, Extent : N/A, Area Affected : 80%								
Location : Throughout, Ongoing								
Roof								
Asphalt Shingle	55%	Now	$82,300	2035	* *			1
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Roof Above Auditorium								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Roof Above Auditorium								
Explanation : Construction In Progress								
Copper/Terne	40%	Now	$72,900	2047	* *			1
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Roof Above Gymnasium, Facing Yard								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Roof Above Auditorium								
Modified Bitumen	5%			2032	$37,900	10	$3,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	4+	$25,100	LIFE	* *	5	$32,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$83,200	2041	* *	5	$3,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Toilets Throughout								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout Toilets								
Marble Panels	5%			LIFE	* *	5	$5,500	
Terrazzo	3%			LIFE	* *	5	$3,500	
Vinyl Tile	20%			2037	* *	3	$11,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	50%	Now	$651,200	2042	* *	3	$27,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Worn/ Eroded								
Wood	7%	Now	$369,700	2072	* *	5	$9,700	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Gymnasium, Auditorium Stage								
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : Throughout Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%	0-2	$20,900	LIFE	* *	5	$1,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Horizontal Cracks, Extent : Moderate, Area Affected : 3%								
Location : Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$21,700	LIFE	* *	5	$13,400	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Classrooms Throughout								
Plaster	10%	Now	$10,800	LIFE	* *	5	$2,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Repairs in Progress, Extent : N/A, Area Affected : 20%								
Location : Auditorium								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Auditorium								
Explanation : Construction In Progress								
SGFT/Glazed Masonry	20%	Now	$160,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, Along Wall Column								
Explanation : Verticle Cracks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	9%			2037	* *	5	$13,300	
Exposed Struc: Concrete	31%	0-2	$137,100	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement Beams								
Metal Panel	10%	Now	$293,300	LIFE	* *	5	$18,400	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Throughout Corridors, Kitchen								
Plaster	50%	0-2	$44,900	LIFE	* *	5	$46,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 125, Various Classrooms								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Rooms 201 And 204								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$8,300	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Activity Yard Near Rubber Matting								
Iron Picket	50%			2052	* *			
Retaining Walls								
Masonry: Fieldstone	100%			2042	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$10,900	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Riverdale Avenue, Beneath Traffic Pole								
On-Site Walkways								
Asphalt	15%			2041	* *			
Cast in Place Concrete	67%			2045	* *			
Masonry: Brick	2%	0-2	$200	2052	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entrance At Riverdale Avenue								
Masonry: Granite	15%			LIFE	* *			
Masonry: Marble	1%	Now	$700	LIFE	* *	5		
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Main Entrance Stairs								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Main Entrance At Riverdale Avenue								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 100%								
Location : Main Entrance At Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance Stairs								

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DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	98%	Now	$370,700	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Yard								
Rubber Matting	2%	0-2	$5,400	2037	* *			
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2032	$31,700	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	30%			2052	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 400 Ampere Main Disconnect Switch For Boiler Power Panel Switchboard And For Air Condition								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$136,500	5	$200	
Fused Disc Sw	30%			2052	* *	5	$100	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	7%			2031	$12,600	5	$100	
Fused Disc Sw	3%			2048	* *	5		
Fused Knife Sw	5%	Now	$9,000	2057	* *	5		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	30%	2-4	$53,900	2057	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 1st And 2nd Floor								
Molded Case Bkrs	40%			2031	$71,800	5	$700	
Molded Case Bkrs	15%			2048	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$39,900	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	$83,600	5	$300	
Locally Mounted	30%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$55,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	25%			2037	* *	10	$3,700	
Emergency, Battery	25%			2027	$26,000	10	$3,700	
Exit, Service	25%			2037	* *	1		
Exit, Service	25%			2027	$6,700	1		
Exterior Lighting								
HID	20%			2027	$57,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$23,300	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2027	$48,000	1-3	$11,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bell, Pull Station Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 5000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$61,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$34,900	2052	* *	4	$3,100	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump, Sub-basement, Return Water Piping At Attic								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compressor Low Presssure								
Terminal Devices								
Air Handler	20%			2032	$233,300	1	$7,700	
Convector/Radiator	50%			2030	$253,500	1	$10,000	
Fan Coil Unit/Heat	30%			2032	$461,200	1	$6,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	20%			2040	* *			
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : Gymnasium And Cafeteria								
Window/Wall Unit	70%	0-2	$3,300	2027	$164,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various. 4 Window Units Are Not Working								
No Component	10%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2040	* *	2	$43,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : For The Gymnasium And Cafeteria Only								
Explanation : For The Gymnasium And Cafeteria								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$34,600	
Exhaust Fans								
Interior	100%			2032	$275,000	2	$1,900	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$158,300	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$12,400	4	$2,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 811 - Q (OL 187-CMHC)**		
Address	: **61-25 MARATHON PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q811**
Program / Asset #	: **BOE0896.000 / 1462**	**Yr Built/Renovated**	: **1953 / 2007**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8361** **Lot** : **1**	**BIN**	: **4173060**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,297,300	$56,300
Interior Architecture		$77,800
Electrical	$152,800	$551,600
Mechanical	$962,000	$386,000
Site Pavements		$74,800
Total	**$2,412,100**	**$1,146,500**
Importance Code A	$1,297,300	$56,300
Importance Code B	$1,114,800	$1,090,100
Total	**$2,412,100**	**$1,146,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$800			$6,100
Interior Architecture	$52,600	$15,900	$1,700	$8,400
Electrical	$4,000	$5,100	$4,700	$41,100
Mechanical	$3,900	$5,600	$8,800	$54,600
Site Enclosure	$2,600			
Site Pavements	$9,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$77,400**	**$30,500**	**$19,200**	**$114,200**
Importance Code A	$800			$6,200
Importance Code B	$65,200	$30,500	$17,500	$108,000
Importance Code C	$11,500		$1,700	
Total	**$77,400**	**$30,500**	**$19,200**	**$114,200**

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DEPARTMENT OF EDUCATION - 040
P. S. 811 - Q (OL 187-CMHC)
Asset # : 1462

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%	Now	$92,800	LIFE	* *	5	$56,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Above Metal Overhead Door								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair Bulkheads								
Masonry: Limestone	5%			LIFE	* *	5	$2,400	
Metal Panel	5%			2052	* *	5-10	$22,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$6,300	
Windows								
Aluminum	98%	Now	$203,100	2048	* *	5	$7,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Womens Bathroom								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Stair Bulkhead								
Metal Louvers	2%	Now	$800	2041	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Gymnasium And Audtiorium Louvers								
Explanation : Louvers Inoperable								
Parapets								
Masonry: Brick	95%	Now	$52,200	LIFE	* *	5	$8,200	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Lower Roof And Room 253								
Masonry: Limestone	5%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	95%	Now	$86,300	2027	$862,900			
Ponding, Extent : Light, Area Affected : 30%								
Location : Various Locations Throughout Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Corridors And Bathrooms								
Copper/Terne	5%			2060	* *	10	$9,700	
Interior								
Floors								
Mosaic Tile	3%			2037	* *	5	$7,500	
Terrazzo	5%			LIFE	* *	5	$3,900	
Vinyl Tile	87%			2037	* *	3	$32,600	
Wood	5%			2047	* *	5	$9,400	
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$3,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$17,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
P. S. 811 - Q (OL 187-CMHC)
Asset # : 1462

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$9,600	2037	* *	5	$7,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Corridors								
AcousTileSusp.Lay-In	10%			2045	* *	5	$10,000	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	5%	4+	$7,800	2032	$77,800			
Staining/Discoloring, Extent : Moderate, Area Affected : 75%								
Location : Gymnasium And Cafeteria								
Plaster	58%	Now	$35,200	LIFE	* *	5	$36,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairs								
Site Enclosure								
Fence/Gates								
Aluminum Picket	25%			2052	* *			
Chain Link	75%			2052	* *			
Free Standing Walls								
Cast in Place Concrete	85%	Now	$1,900	2052	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stair Entry Platform In Rear Yard								
Masonry: Brick	15%			2042	* *			
Retaining Walls								
Cast in Place Concrete	100%	0-2	$800	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Side Yard. Stair Entry To Basement								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	95%			2037	* *			
Masonry: Granite	5%	Now	$200	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Stair Landing In Rear Yard								
Parking/Driveway								
Asphalt	100%	Now	$9,400	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Activity Yard								
Rubber Matting	10%			2032	$74,800			
Traffic Topping	90%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
P. S. 811 - Q (OL 187-CMHC)
Asset # : 1462

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Vertical Sections								
Raceway								
Conduit	100%			2032	$144,600	1		
Panelboards								
Fused Disc Sw	30%			2031	$41,900	5	$400	
Molded Case Bkrs	70%			2031	$97,800	5	$1,100	
Wiring								
Braided Cloth	50%	2-4	$99,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2032	$99,800	1		
Motor Controllers								
Locally Mounted	20%			2030	$14,300	5	$100	
Locally Mounted	50%			2037	* *	5	$200	
Under Construction	30%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$53,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2037	* *			
Egress Lighting								
Emergency, Battery	25%			2032	$24,800	10	$3,600	
Emergency, Battery	25%			2037	* *	10	$3,600	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	10%			2032	$27,500	10		
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 811 - Q (OL 187-CMHC)
Asset # : 1462

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2027	$33,200	1	$6,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$36,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detetors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Back Yard								
Explanation : Boiler Room Is Under Construction. One Temporary Steam Boiler Is Being Used.								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Building Back Yard								
Explanation : Boiler Room Is Under Construction. One Temporary Steam Boiler Is Being Used.								
Distribution								
Steam Piping/Pump	100%			2042	* *			
Terminal Devices								
Air Handler	20%			2027	$222,100	1	$7,300	
Convector/Radiator	80%			2030	$386,000	1	$15,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2027	$174,100	1	$5,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Window/Wall Unit	60%			2027	$134,100	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2032	$15,300	4	$900	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 811 - Q (OL 187-CMHC)
Asset # : 1462

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	20%			2027	$183,200	1	$7,300	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2027	$43,300	2	$8,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,900	
Exhaust Fans								
Interior	95%			2027	$248,600	2	$1,700	
Roof	5%			2027	$5,700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Boiler Room								
Explanation : Boiler Room Is Under Construction. One Temporary Electrical Hot Water Heater Is Being Used.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2042	* *	4	$1,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$24,500	1-2	$500	
Chemical System								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Kitchen Is Under Construction.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 83 - BX**		
Address	: **950 RHINELANDER AVENUE @BOGART AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X083**
Program / Asset #	: **BOE0224.000 / 443**	**Yr Built/Renovated**	: **1925 / 2012**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,5**		
Block	: **4125** **Lot** : **1**	**BIN**	: **2045344**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$138,100	$576,500
Interior Architecture	$895,000	$4,353,500
Electrical		$1,003,900
Mechanical	$1,984,000	$3,807,200
Site Pavements	$56,900	
Total	**$3,074,000**	**$9,741,100**
Importance Code A	$138,100	$1,273,800
Importance Code B	$2,654,200	$8,467,400
Importance Code C	$281,800	
Total	**$3,074,000**	**$9,741,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$201,400			
Interior Architecture	$46,200		$7,700	$12,500
Electrical	$11,000	$7,500	$9,100	$8,400
Mechanical	$87,800	$10,800	$17,700	$10,800
Site Enclosure	$41,200			
Site Pavements	$67,600			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$460,200**	**$23,200**	**$39,400**	**$36,600**
Importance Code A	$209,400	$7,900	$7,900	$7,900
Importance Code B	$162,700	$15,300	$25,500	$28,700
Importance Code C	$88,200		$6,000	
Total	**$460,200**	**$23,200**	**$39,400**	**$36,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,900	
Masonry: Brick	80%	0-2	$138,100	LIFE	* *	5	$83,800	
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Southwest Facade								
Masonry: Limestone	5%	Now	$8,300	LIFE	* *	5	$3,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : North And South Facades								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : North Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 1%								
Location : North Facade								
Masonry: Marble	5%	0-2	$36,700	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entry Columns								
Stucco Cement	5%	0-2	$5,900	2038	* *	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : South Facade								
Windows								
Aluminum	100%	4+	$34,500	2041	* *	5	$18,100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : First Level Throughout								
Explanation : Rusted Security Gates								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$33,000	
Masonry: Brick	90%	Now	$26,500	LIFE	* *	5	$10,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : South Wall Main Roof								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : South Wall Main Roof								
Roof								
Built-Up (BUR)	95%	Now	$24,600	2033	$492,700			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Modified Bitumen	5%			2033	$24,300	10	$2,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	3%	0-2	$1,200	2029	$60,800	3	$5,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$25,100	
Ceramic Tile	3%			2036	* *	5	$3,400	
Marble Panels	2%			LIFE	* *	5	$3,400	
Quarry Tile	2%			2038	* *	5	$3,400	
Traffic Topping	5%	Now	$54,700	2028	$273,400	5	$3,600	
Wrinkling, Extent : Severe, Area Affected : 30%								
Location : Throughout Upper Level Stairs								
Vinyl Tile	65%	Now	$411,500	2033	$2,057,600	3	$27,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%			2033	$2,022,500	3	$5,700	
Wood	5%			2048	* *	5	$10,700	
Interior Walls								
Ceramic Tile	8%			2046	* *	5	$12,000	
Glass: Single Pane	2%			LIFE	* *	5	$4,500	
Masonry: Brick	10%			LIFE	* *	10	$4,500	
Marble Panels	3%	2-4	$15,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Plaster	77%	Now	$281,800	LIFE	* *	5	$34,700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Stair E And B Bulkhead								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Stair E								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair B Bulkhead								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	8%			2038	* *	5	$9,200	
Exposed Struc: Concrete	70%			LIFE	* *	5-10	$100,300	
Metal Panel	2%			LIFE	* *	5	$5,700	
Plaster	17%	Now	$59,200	LIFE	* *	5	$12,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Stair E Bulkhead And Rooms 508 And 512								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Auditorium And Room 512								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair E Bulkhead And Rooms 508 And 512								
Plaster	3%			LIFE	* *	5-10	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Premium Finish								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2043	* *			
Exposed Struc: Steel	70%	4+	$41,200	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$56,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	55%			2038	* *			
Masonry: Marble	45%	4+	$24,300	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entry Stairs								
Activity Yard								
Asphalt	100%	2-4	$43,300	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,000 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$300	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	1%			2032	$1,800	5		
Fused Toggle Switch	1%			2032	$1,800	5		
Molded Case Bkrs	88%			2032	$158,100	5	$1,900	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Thermoplastic	100%			2033	$199,600	1		
Motor Controllers								
Locally Mounted	100%	Now	$2,400	2031	$119,400	5	$300	
Not Functioning, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	97%			2038	* *	10	$71,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2028	$22,200	2		
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	10%			2038	* *	1		
Emergency, Battery	40%			2033	$53,700	10	$7,700	
Exit, Battery	50%			2033	$56,700	10	$2,700	
Exterior Lighting								
LED	10%			2038	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$150,200	1	$29,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$49,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	$186,000	5	$24,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks 7,500 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2031	$697,300	1	$79,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. Installed In 1968								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$3,500	
Steam Piping/Pump	95%	Now	$30,400	2033	$608,600			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leak In Riser From 3rd To 4th Floor At Bathrooms								
Terminal Devices								
Air Handler	5%			2028	$75,300	1	$2,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Supply Fan With Heating Coil In Ductwork.								
Convector/Radiator	95%			2031	$621,500	1	$24,600	
Controls								
Pneumatic	100%			2027	$1,546,100			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	3%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Elevator Machine Room, Intermediate Distribution Frame Room 558 And Main Distribution Frame Room 358								
Explanation : 3 Units. Outdoor Units On The Roof.								
Window/Wall Unit	80%			2028	$242,500	1		
No Component	17%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%	Now	$16,000	2033	$319,300	2	$1,800	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement Units Starters								
Interior	10%			2028	$35,500	2	$200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$51,100	2031	$1,021,300	1		
Antiquated, Extent : Severe, Area Affected : 10%								
Location : Water Main Valves No Longer Hold								
HW Heat Exchanger								
Steam Fired	100%	0-2	$386,800	2063	* *	4	$7,900	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$2,500	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 83 - BX ANNEX**
Address : **1840 BOGART AVENUE @ RHINELANDER AVE.**
Borough : **BRONX**
Agency's Number : **X083**
Program / Asset # : **BOE0224.010 / 13417**
Yr Built/Renovated : **1999 /**
Area Sq Ft : **52,500**
Project Type : **EDUCATION**
Date of Survey : **20-Nov-2020**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4125** **Lot** : **1**
BIN : **2045344**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$157,600	
Mechanical		$85,400
Total	**$157,600**	**$85,400**
Importance Code A	$157,600	
Importance Code B		$85,400
Total	**$157,600**	**$85,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,900	$2,600		$3,200
Interior Architecture	$1,700	$17,600	$3,800	
Electrical	$4,900	$14,200	$4,900	$53,600
Mechanical	$15,500	$13,500	$12,300	$75,100
Site Pavements	$34,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$66,400**	**$55,800**	**$28,800**	**$139,800**
Importance Code A	$1,900	$7,000		$7,700
Importance Code B	$64,500	$48,800	$25,100	$132,100
Importance Code C			$3,800	
Total	**$66,400**	**$55,800**	**$28,800**	**$139,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX ANNEX

Asset # : 13417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	88%	4+	$52,200	LIFE	* *	5	$29,900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : At Exit 4 Door								
Masonry: Limestone	7%			LIFE	* *	5	$1,800	
Metal Panel	5%			2052	* *	5-10	$11,700	
Windows								
Aluminum	100%			2048	* *	5	$1,800	
Parapets								
Pre-Cast Concrete	100%	4+	$1,900	LIFE	* *	5	$7,400	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Under Coping Stones								
Explanation : Loose Metal Flashing								
Roof								
Metal Panel	5%			2045	* *	10	$2,600	
Roll Roofing	95%	Now	$105,500	2034	* *	5	$22,600	
Blisters, Extent : Severe, Area Affected : 60%								
Location : Main Roof								
Patching Evident, Extent : Severe, Area Affected : 10%								
Location : Throughout Roof								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$3,300	
Ceramic Tile	5%	4+	$1,700	2041	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Lobby Area 1st Floor								
Quarry Tile	5%			2045	* *	5	$2,300	
Terrazzo	5%			LIFE	* *	5	$1,200	
Vinyl Tile	80%			2037	* *	3	$9,100	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2041	* *	5	$7,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,000	
Gypsum Board	70%			LIFE	* *	5	$31,500	
Ceilings								
AcousTileConcealSpLn	3%			2045	* *	5	$1,100	
AcousTileSusp.Lay-In	85%			2045	* *	5	$25,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	7%			LIFE	* *	5	$2,700	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2076	* *			
Retaining Walls								
Cast in Place Concrete	100%			2076	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX ANNEX

Asset # : 13417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$5,400	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Radcliff Avenue								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Radcliff Avenue								
Activity Yard								
Asphalt	95%	Now	$29,100	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Play Yard								
Rubber Matting	5%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2042	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2000 And One 1200 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 800 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2042	* *	5	$200	
Molded Case Bkrs	20%			2042	* *	5	$300	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$100	
Molded Case Bkrs	90%			2040	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$16,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 83 - BX ANNEX
Asset # : 13417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2035	* *	1	$20,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 230 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$11,700	
Fuel Storage								
Day Tank	25%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 50 Gallons								
Main Tank	75%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 285 Gallons								
Lighting								
Interior Lighting								
Fluorescent	97%			2037	* *	10	$46,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2037	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement And Lobby								
Egress Lighting								
Emergency, Service	55%			2037	* *	1		
Exit, Service	45%			2037	* *	1		
Exterior Lighting								
HID	20%			2032	$49,000	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2037	* *	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$9,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bells, Horns, Pull Box Stations, Smoke Detectors And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX ANNEX

Asset # : 13417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Radiant Heater	90%			2037	* *	2	$21,900	
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : 9 Furnaces Are Part Of The Air Conditioning System								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2037	* *	2	$3,100	
R-22 Refrigerant, Extent : Light, Area Affected : 1%								
Location : Air Conditioning Units On Roof								
Split Unit	5%			2037	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : R-410a								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,300	
Exhaust Fans								
Roof	100%			2037	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2052	* *	1		
Galvanized Steel	20%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$85,400	2		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 1 Unit In The Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$10,500	4	$1,700	
Backflow Preventer								
Generic	100%			2040	* *	1	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX ANNEX

Asset # : 13417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd, Basement To 3rd								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$26,500	
Sprinkler								
Generic	100%			2052	* *	1-2	$14,700	
Chemical System								
Wet	10%			2030	$24,500	1-3	$27,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	70%							
Generic	20%			2027	$49,000	1-3	$48,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 847 - M P.S. 178 MINISCHOOL**				
Address	: **93 NAGLE AVE. @ ELLWOOD ST**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M847**	
Program / Asset #	: **BOE0092.010 / 1710**		**Yr Built/Renovated**	: **1985 /**	
Area Sq Ft	: **11,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **18-May-2022**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Floors 1**				
Block	: **2173**	**Lot** : **1**	**BIN**	: **1064149**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$166,800
Mechanical		$176,900
Total		**$343,700**
Importance Code B		$343,700
Total		**$343,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Electrical	$100	$100	$200	$100
Mechanical	$65,000	$600	$2,600	$600
Total	**$65,100**	**$700**	**$2,800**	**$700**
Importance Code A	$17,400	$600	$600	$600
Importance Code B	$47,700	$100	$2,300	$100
Total	**$65,100**	**$700**	**$2,800**	**$700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 847 - M P.S. 178 MINISCHOOL
Asset # : 1710

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Mini School								
Explanation : Whole Building Demolition In Process								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$166,800	10	$10,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2033	$9,400	10	$1,400	
Exit, Battery	50%			2033	$7,900	10	$400	
Exterior Lighting								
HID	50%			2028	$25,700	10		
No Component	50%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	$4,100	1	$800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : This Building Is Sealed Off Due To Construction								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 847 - M P.S. 178 MINISCHOOL
Asset # : 1710

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%	Now	$17,400	2033	$34,800	1	$5,000	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Building Is Abandoned								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%	Now	$17,700	2031	$176,900	2	$500	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Building Is Abandoned								
Exhaust Fans								
Interior	50%	Now	$2,500	2033	$24,800	2	$100	
Abandoned in Place, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor								
Roof	50%	Now	$5,400	2033	$10,900	2	$100	
Abandoned in Place, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Building Is Abandoned								
Water Heater With Tanks								
Gas Fired	100%	Now	$8,500	2028	$17,100	2		
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Water Turned Off To Mechanical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 847 - M P.S. 178 MINISCHOOL
Asset # : 1710

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%	Now	$6,200	2043	* *	1-2	$500	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Building Is Abandoned Water Turned Off								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 85 - BX**				
Address	: **2400 MARION AVENUE @E. 187 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X085**
Program / Asset #	: **BOE0226.000 / 445**			**Yr Built/Renovated**	: **1933 / 2011**
Area Sq Ft	: **99,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**				
Block	: **3024**	**Lot**	: **21**	**BIN**	: **2011054**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$167,400	$69,600
Interior Architecture	$1,388,300	$61,200
Electrical	$131,300	$385,100
Mechanical	$1,404,000	$760,300
Total	**$3,090,900**	**$1,276,100**
Importance Code A	$340,000	$69,600
Importance Code B	$2,751,000	$1,206,500
Total	**$3,090,900**	**$1,276,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$6,900
Interior Architecture	$7,900	$6,800	$2,100	$35,000
Electrical	$11,900	$9,800	$10,000	$172,200
Mechanical	$26,500	$31,100	$22,300	$14,000
Site Pavements	$40,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$90,300**	**$51,500**	**$38,400**	**$232,000**
Importance Code A		$9,800	$9,800	$17,000
Importance Code B	$85,300	$39,700	$28,600	$215,100
Importance Code C	$5,000	$2,100		
Total	**$90,300**	**$51,500**	**$38,400**	**$232,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	2-4	$114,600	LIFE	* *	5	$69,600	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building Perimeter								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Foundation Wall								
Masonry: Fieldstone	25%			LIFE	* *	5	$21,700	
Masonry: Limestone	15%			LIFE	* *	5	$13,000	
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$13,000	
Repairs in Progress, Extent : N/A, Area Affected : 25%								
Location : Main Roof								
Masonry: Limestone	15%			LIFE	* *	5	$2,900	
Roof								
Copper/Terne	5%			2067	* *	10	$6,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Stair Bulkhead								
Modified Bitumen	95%			2037	* *	10	$52,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roof Area								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,300	
Ceramic Tile	3%			2041	* *	5	$4,200	
Quarry Tile	2%			2045	* *	5	$4,200	
Terrazzo	5%			LIFE	* *	5	$5,500	
Vinyl Tile	15%			2037	* *	3	$7,900	
Vinyl Tile	45%	Now	$86,900	2037	* *	3	$23,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout Corridors And Stairwells								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout Corridors And Stairwells								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout Corridors And Stairwells								
Vinyl Tile 9" X 9"	5%			2027	$1,233,900	3	$3,500	
Wood	20%			2047	* *	5	$52,400	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$4,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$22,600	
SGFT/Glazed Masonry	27%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$67,500	2052	* *	5	$3,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 75%								
Location : Hallway								
AcousTileSusp.Lay-In	10%			2049	* *	5	$14,000	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Lunchroom, Kitchen								
Exposed Struc: Concrete	15%			LIFE	* *	5	$3,300	
Plaster	70%			LIFE	* *	5	$61,200	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Rooms 409, 419								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2067	* *			
Retaining Walls								
Cast in Place Concrete	70%			2067	* *			
Masonry: Fieldstone	30%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	50%			2035	* *			
Cast in Place Concrete	48%	Now	$5,000	2037	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Front Entrance								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : South Side Of Building								
Sinking/Subsiding, Extent : Light, Area Affected : 2%								
Location : South Side Of Building								
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Asphalt	100%	4+	$35,100	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	55%			2032	$24,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement Old Wing								
Explanation : One 1600 Ampere Main Disconnect Switch For Old Wing								
Fused Disc Sw	45%			2062	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Ampere And 1600 Main Disconnect Switch For New Wing								
Switchgear / Switchboard								
Fused Disc Sw	55%			2032	$125,200	5	$200	
Fused Disc Sw	45%			2062	* *	5	$200	
Raceway								
Conduit	55%			2032	$111,000	1		
Conduit	45%			2062	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	$12,000	5	$100	
Fused Disc Sw	4%			2057	* *	5	$100	
Fused Knife Sw	1%	2-4	$2,400	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Old Wing								
Molded Case Bkrs	50%			2031	$119,700	5	$1,300	
Molded Case Bkrs	40%			2057	* *	5	$1,000	
Wiring								
Braided Cloth	45%	2-4	$131,300	2057	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	10%			2032	$29,200	1		
Thermoplastic	45%			2062	* *	1		
Motor Controllers								
Locally Mounted	30%			2030	$35,800	5	$200	
Locally Mounted	10%			2052	* *	5	$100	
Variable Frequency Drive	60%			2052	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$700	
Generic	50%			LIFE	* *	5	$700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2052	* *	1	$30,500	
Generators								
Diesel	100%			2047	* *	1	$38,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 250 Kilowatts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,700	
Fuel Storage								
Day Tank	50%			2057	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 110 Gallons								
Main Tank	50%			2072	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	55%			2037	* *	10	$49,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Old Wing								
LED	45%			2042	* *			
Egress Lighting								
Emergency, Service	30%			2042	* *	1		
Emergency, Battery	20%			2027	$33,200	10	$4,800	
Exit, LED	40%			2072	* *	1		
Exit, Service	10%			2027	$4,300	1		
Exterior Lighting								
HID	10%			2027	$46,200	10		
LED	10%			2042	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2072	* *	5	$800	
Alarm								
Security System								
No Component	80%							
Generic	10%			2027	$18,600	1	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	10%			2042	* *	1	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	20%			2037	* *	1-3	$12,200	
Generic, Digital	10%			2042	* *	1-3	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobes, Bell, Horn, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 85 - BX
Asset # : 445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	0-2	$172,600	2045	* *	1	$88,200	
Malfunctioning, Extent : Severe, Area Affected : 65%								
Location : Boiler Room. Two Boilers Are Malfunctioning Due To Defective Tubes And Burner. Building Rely On One Boiler At This Time								
Repairs In Progress, Extent : N/A, Area Affected : 30%								
Location : No.3 Boiler Being Retubed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	90%			2052	* *	4	$6,600	
Central Plant Steam Piping/Pmp	10%	0-2	$13,900	2052	* *	4	$500	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room. Leaking Vacuum Pump								
Terminal Devices								
Air Handler	30%			2027	$558,900	1	$18,400	
Convector/Radiator	50%			2037	* *	1	$16,000	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Explanation : Steam Traps Faulty								
Fan Coil Unit/Heat	20%			2027	$490,900	1	$6,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2027	$93,800	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,200	
Exhaust Fans								
Interior	100%	Now	$87,800	2032	$439,100	2	$2,400	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Auditorium Exhaust Van Broken Belt								
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%	0-2	$5,100	2030	$252,800	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Hot Water Piping								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Under Construction	100%							
Sump Pump(s)								
Non-Submersible	100%			2032	$19,800	4	$3,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2032	$68,500	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 85 - BX MINISCHOOL**				
Address	: **2400 MARION AVENUE @E. 187 STREET**				
Borough	: **BRONX**		**Agency's Number**	: **X885**	
Program / Asset #	: **BOE0226.010 / 446**		**Yr Built/Renovated**	: **1982 / 2008**	
Area Sq Ft	: **10,620**		**Project Type**	: **EDUCATION**	
Date of Survey	: **30-Oct-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3024**	**Lot** : **21**	**BIN**	: **2011054**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,272,500
Interior Architecture	$154,100	$426,300
Electrical		$230,000
Mechanical	$173,000	
Total	**$327,100**	**$1,928,800**
Importance Code A		$1,272,500
Importance Code B	$327,100	$656,300
Total	**$327,100**	**$1,928,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,800	$900		$29,500
Interior Architecture	$2,700		$1,900	
Electrical	$300	$300	$500	$14,200
Mechanical	$700	$600	$1,500	$101,700
Total	**$26,400**	**$1,800**	**$3,900**	**$145,400**
Importance Code A	$23,300	$1,500	$500	$63,100
Importance Code B	$3,100	$400	$3,300	$82,300
Importance Code C				
Total	**$26,400**	**$1,800**	**$3,900**	**$145,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 85 - BX MINISCHOOL
Asset # : 446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	22%	Now	$13,200	2032	$264,400	5	$7,500	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	78%			2032	$937,400	5-10	$97,200	
Windows								
Aluminum	100%			2040	* *	5	$1,900	
Roof								
Metal Panel	100%	Now	$9,500	2037	* *			
Gut/DS Non Func/Miss, Extent : Light, Area Affected : 5%								
Location : West Side Of Building								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Roof Is Covered With Tar								
Soffits								
Metal Panel	100%			2042	* *	5-10	$10,900	
Interior								
Floors								
Ceramic Tile	3%	Now	$2,700	2041	* *	5	$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Toilet Rooms And West Entry Vestibule								
Vinyl Tile	97%			2032	$426,300	3	$5,800	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$5,200	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$154,100	2052	* *	5	$7,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX MINISCHOOL

Asset # : 446

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2032	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2031	$2,000	5		
Molded Case Bkrs	95%			2031	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2032	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$158,300	10	$9,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2032	$8,900	10	$1,300	
Exit, Service	50%			2032	$2,300	1		
Exterior Lighting								
HID	20%			2027	$9,900	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$4,000	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$8,200	1-3	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX MINISCHOOL

Asset # : 446

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2032	$2,800	1		
Conversion Equipment								
Furnace	100%			2027	$33,000	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Level								
Explanation : 2 Internal Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2031	$29,200	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2026	$173,000	2	$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,900	
Exhaust Fans								
Interior	90%			2027	$42,400	2	$300	
Roof	10%			2027	$2,100	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2027	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 86 - BX**		
Address	: **2756 RESERVOIR AVENUE @W. 195 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X086**
Program / Asset #	: **BOE0227.000 / 1093**	**Yr Built/Renovated**	: **1928 / 2014**
Area Sq Ft	: **111,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3247** **Lot** : **70**	**BIN**	: **2100971**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$236,700
Interior Architecture	$730,500	$881,300
Electrical	$270,700	$347,800
Mechanical	$1,980,800	$4,077,000
Total	**$2,982,000**	**$5,542,800**
Importance Code A		$236,700
Importance Code B	$2,982,000	$5,306,100
Total	**$2,982,000**	**$5,542,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$62,600			$38,900
Interior Architecture	$121,500			$11,000
Electrical	$2,800	$2,100	$36,800	$3,900
Mechanical	$42,800	$20,900	$41,700	$19,100
Site Enclosure	$7,900			
Site Pavements	$27,400			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$269,900**	**$28,000**	**$83,400**	**$77,700**
Importance Code A	$73,600	$11,000	$11,200	$49,900
Importance Code B	$159,700	$17,000	$72,200	$27,900
Importance Code C	$36,700			
Total	**$269,900**	**$28,000**	**$83,400**	**$77,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$47,700	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,500	
Masonry: Brick	85%			LIFE	* *	5	$162,200	
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Windows								
Aluminum	95%			2047	* *	5	$52,800	
Wood	5%			2039	* *	5	$27,800	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,100	
Masonry: Brick	95%			LIFE	* *	5	$19,800	
Roof								
Built-Up (BUR)	98%	4+	$48,700	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium Roof								
Roll Roofing	2%			2027	$11,000	5	$2,800	
Interior								
Floors								
Asphalt Poured	5%	Now	$14,800	2051	* *	5	$2,000	
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : 1st Floor Play Area, Stair C To Roof								
Cast in Place Concrete	5%			LIFE	* *	5	$17,400	
Ceramic Tile	3%			2034	* *	5	$4,800	
Cork Tile	1%	Now	$38,600	2061	* *	5	$700	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Library								
Marble Panels	2%			LIFE	* *	5	$2,400	
Terrazzo	4%			LIFE	* *	5	$5,000	
Vinyl Tile	20%	Now	$17,600	2031	$881,300	3	$12,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Classroom 507								
Vinyl Tile 9" X 9"	35%	Now	$492,700	2041	* *	3	$20,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 5th Floor Classrooms								
Wood	25%	4+	$237,800	2046	* *	5	$37,400	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout Classrooms								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2034	* *	5	$2,600	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$16,600	
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%	Now	$1,600	2036	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	20%			LIFE	* *	5	$3,100	
Plaster	75%	4+	$45,200	LIFE	* *	5	$46,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	4+	$7,900	2066	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Reservoir Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$4,200	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Side Walkway Next To Walton High School								
Parking/Driveway								
Asphalt	100%	Now	$23,200	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Parking Area								
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	70%			2031	$170,600	1		
Conduit	30%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Disc Sw	5%			2030	$12,000	5	$100	
Molded Case Bkrs	90%			2047	* *	5	$2,600	
Wiring								
Braided Cloth	50%	2-4	$170,900	2056	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2051	* *	1		
Thermoplastic	20%			2031	$68,400	1		
Motor Controllers								
Locally Mounted	60%			2029	$108,900	5	$400	
Locally Mounted	20%			2044	* *	5	$200	
Variable Frequency Drive	20%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$97,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$2,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$13,400	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2026	$20,800	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm And Motion Sensors								
Generic	10%			2039	* *	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement And Outside								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No. 2 Fuel One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$109,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	90%			2031	$2,809,200	4	$4,900	
Central Plant Steam Piping/Pmp	10%	0-2	$6,200	2031	$312,100	4	$500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam Piping Leaking In Tunnel. Vacuum Pump Leaking In Basement Boiler Room								
Terminal Devices								
Air Handler	20%	0-2	$20,900	2026	$417,800	1	$12,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Van Room. Auditorium Blower Leaking								
Convector/Radiator	50%			2029	$453,800	1	$17,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout. New Steam Traps								
Fan Coil Unit/Heat	30%			2026	$825,600	1	$10,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2036	* *			
Window/Wall Unit	70%			2026	$294,400	1		
No Component	25%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Interior	90%			2026	$443,100	2	$3,100	
Roof	10%	Now	$1,100	2031	$21,500	2	$300	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Restroom Exhaust Fan, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2041	* *	1		
Galvanized Steel	30%			2029	$425,100	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$16,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$22,200	4	$2,300	
Fixtures								
Generic	100%							
Low Consumption Fixtures, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Through Five								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$76,800	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 86 - BX MINISCHOOL**		
Address	: **2756 RESERVOIR AVENUE @W. 195 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X886**
Program / Asset #	: **BOE0227.010 / 2691**	**Yr Built/Renovated**	: **1988 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3247** **Lot** : **70**	**BIN**	: **2100971**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$180,100	$90,600
Interior Architecture		$373,600
Mechanical		$229,700
Total	**$180,100**	**$693,900**
Importance Code A	$180,100	$90,600
Importance Code B		$603,300
Total	**$180,100**	**$693,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,000		$34,000	
Interior Architecture	$14,000	$1,700	$6,600	
Electrical	$500	$300	$10,500	$400
Mechanical	$17,600	$2,200	$1,400	$2,200
Site Pavements				$15,000
Total	**$35,200**	**$4,200**	**$52,400**	**$17,600**
Importance Code A	$3,600	$600	$34,500	$600
Importance Code B	$24,300	$3,700	$17,900	$2,100
Importance Code C	$7,300			$15,000
Total	**$35,200**	**$4,200**	**$52,400**	**$17,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BX MINISCHOOL
Asset # : 2691

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2041	* *	5-10	$124,600	
Windows								
Aluminum	95%	Now	$84,700	2056	* *	5	$900	
Unit Inoperable, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Glass Block	5%	Now	$3,000	LIFE	* *	5	$100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$95,300	2036	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 30%								
Location : Roof Edge								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,700	
Mosaic Tile	5%			2044	* *	5	$2,000	
Quarry Tile	5%			2044	* *	5	$1,200	
Vinyl Tile	85%			2031	$373,600	3	$5,100	
Interior Walls								
Gypsum Board	100%	4+	$7,300	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Corridors								
Ceilings								
AcousTileSusp.Lay-In	85%			2036	* *	5	$13,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	10%	Now	$5,100	LIFE	* *	5	$1,900	
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2041	* *			
Iron Picket	70%			2066	* *			
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Retaining Walls								
Not Accessible	100%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Panel/Paver: Cer/Brk	100%			2047	* *	5	$30,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BX MINISCHOOL
Asset # : 2691

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5		
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5		
Molded Case Bkrs	90%			2039	* *	5	$300	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$10,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2031	$9,200	10	$1,300	
Exit, Service	50%			2031	$2,400	1		
Exterior Lighting								
HID	20%			2031	$10,300	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	$6,200	1	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Horn, Pull Box Stations, Strobe Lights And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BX MINISCHOOL
Asset # : 2691

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2041	* *	1		
Natural Gas	95%			2041	* *	1		
Conversion Equipment								
Furnace	95%			2031	$32,500	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Duct Mounted								
Explanation : 3 Units								
Radiant Heater	5%			2031	$14,300	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway								
Explanation : 4 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2029	$179,200	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Heat Rejection								
Dry Cooler	100%			2031	$50,500	2	$7,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	
Exhaust Fans								
Roof	20%			2031	$4,300	2	$100	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Various								
Explanation : Poor Ventilation In Building								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 87 - BX**		
Address	: **1935 BUSSING AVENUE @ EDSON AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X087**
Program / Asset #	: **BOE0228.000 / 434**	**Yr Built/Renovated**	: **1931 / 2006**
Area Sq Ft	: **43,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5018** **Lot** : **1**	**BIN**	: **2069061**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$52,800	$865,100
Interior Architecture		$5,498,500
Electrical	$347,300	$790,300
Mechanical		$859,000
Total	**$400,200**	**$8,012,800**
Importance Code A	$52,800	$865,100
Importance Code B	$347,300	$7,147,800
Total	**$400,200**	**$8,012,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$83,000	$2,000		
Interior Architecture	$111,500			$5,400
Electrical	$2,400	$4,000	$4,500	$4,800
Mechanical	$12,500	$6,200	$7,800	$7,500
Site Pavements	$5,300			
Total	**$214,800**	**$12,200**	**$12,300**	**$17,700**
Importance Code A	$87,200	$6,200	$4,300	$4,300
Importance Code B	$75,100	$6,000	$8,100	$13,400
Importance Code C	$52,400			
Total	**$214,800**	**$12,200**	**$12,300**	**$17,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$29,500	
Masonry: Brick	85%	4+	$52,800	LIFE	* *	5	$32,100	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Foundation Wall								
Masonry: Granite	3%			LIFE	* *	5	$1,700	
Masonry: Limestone	7%			LIFE	* *	5	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Facade								
Explanation : Painted Surfaces								
Windows								
Aluminum	70%	Now	$8,800	2049	* *	5	$4,600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Aluminum	30%			2055	* *	5	$4,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$22,700	
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$43,800	
Masonry: Limestone	3%			LIFE	* *	5-10	$2,900	
Metal Panel	7%			2053	* *	5	$2,200	
Roof								
Built-Up (BUR)	100%			2033	$796,800	10	$68,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,200	
Ceramic Tile	5%			2042	* *	5	$3,500	
Terrazzo	3%			LIFE	* *	5	$3,200	
Traffic Topping	10%			2033	$329,500	5	$8,600	
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs And Corridors								
Vinyl Tile 9" X 9"	42%			2033	$5,117,900	3	$14,500	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	30%			2048	* *	5	$38,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,600	
Masonry: Brick	10%			LIFE	* *	10	$2,900	
Marble Panels	5%			LIFE	* *	10	$1,900	
Plaster	60%			LIFE	* *	5-10	$48,500	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$7,100	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2038	* *	5	$9,800	
Exposed Struc: Concrete	35%			LIFE	* *	5-10	$28,700	
Fiber Board	5%	4+	$1,000	2033	$51,200			
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Plaster	45%	Now	$18,000	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Room 207, 209 And Stair Cd								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 207, 209								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2053	* *			
Iron Picket	70%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	40%			2036	* *			
Cast in Place Concrete	40%	Now	$1,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Exterior Stairs At Exits 2 And 3 In Rear Yard								
Masonry: Granite	20%	4+	$3,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Steps At Front Entry								
Activity Yard								
Asphalt	85%			2036	* *			
Cast in Place Concrete	10%			2038	* *			
Pavers/Stone	5%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 800 Amperes. Obsolete Equipment, On Extended Life								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$162,600	2063	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical And Mechanical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	80%			2033	$64,800	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	30%			2049	* *	5	$300	
Molded Case Bkrs	65%			2041	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$73,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	$35,800	5	$100	
Locally Mounted	50%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$608,900	10	$37,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Lighting Observed In The Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2033	$36,100	10	$5,200	
Exit, Battery	50%			2033	$30,500	10	$1,500	
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$80,700	1	$16,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Manual Security Lock								
Fire/Smoke Detection								
Generic, Analog	100%	4+	$110,900	2043	* *	1-3	$24,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$42,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	20%			2028	$161,800	1	$5,300	
Convector/Radiator	60%			2031	$211,000	1	$8,300	
Fan Coil Unit/Heat	20%			2028	$213,200	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2031	$146,600	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$15,200	
No Component	60%							
Exhaust Fans								
Interior	40%			2028	$76,300	2	$500	
Roof	60%			2028	$50,100	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$1,300	4	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two New Motors Recently Installed								
Backflow Preventer								
Generic	100%			2038	* *	1	$2,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 88 - BX**		
Address	: **1340 SHERIDAN AVENUE BTWN: MARCY PL., EAST 170 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X088**
Program / Asset #	: **BOE0229.000 / 2689**	**Yr Built/Renovated**	: **1924 / 2002**
Area Sq Ft	: **23,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,Mez**		
Block	: **2830** **Lot** : **17**	**BIN**	: **2094535**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,730,200	$276,700
Interior Architecture	$159,800	
Electrical		$473,100
Mechanical	$51,000	$302,500
Total	**$1,941,000**	**$1,052,300**
Importance Code A	$1,730,200	$477,200
Importance Code B	$140,000	$575,100
Importance Code C	$70,900	
Total	**$1,941,000**	**$1,052,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,000		$3,600	
Interior Architecture	$106,100		$1,800	$4,000
Electrical	$61,300	$2,100	$2,700	$2,200
Mechanical	$10,600	$3,400	$5,000	$4,300
Site Pavements				
Total	**$221,000**	**$5,500**	**$13,000**	**$10,500**
Importance Code A	$45,300	$2,300	$5,900	$2,300
Importance Code B	$170,500	$3,200	$7,200	$8,200
Importance Code C	$5,200			
Total	**$221,000**	**$5,500**	**$13,000**	**$10,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$1,730,200	LIFE	* *	5	$52,500	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 60%								
Location : All Facades								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : East Facade And 3rd Floor								
Masonry: Limestone	5%			LIFE	* *	5	$4,400	
Stucco Cement	5%			2038	* *	5	$7,300	
Windows								
Aluminum	100%			2049	* *	5	$13,500	
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$38,000	
Masonry: Limestone	10%	Now	$1,600	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : West Side Of Main Roof								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Metal Rail	5%			2046	* *	5-10	$5,900	
Roof								
Built-Up (BUR)	95%			2033	$224,200	10	$19,200	
Copper/Terne	5%			2061	* *	10	$2,500	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,600	
Ceramic Tile	5%			2036	* *	5	$2,200	
Quarry Tile	2%			2046	* *	5	$1,300	
Vinyl Tile	73%	Now	$88,900	2038	* *	3	$12,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout, Staircases, Corridors								
Wood	15%	4+	$39,500	2048	* *	5	$6,200	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Cafeteria, Mezzanine								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,300	
Masonry: Brick	5%			LIFE	* *	10	$600	
Masonry: Fieldstone	2%			LIFE	* *	10	$300	
Metal Panel	8%			LIFE	* *	10	$1,500	
Plaster	70%	Now	$70,900	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout, Room B17								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stairwell								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	10%	4+	$13,200	LIFE	* *	5	$700	
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room								
Plaster	90%			LIFE	* *	5-10	$68,200	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Retaining Walls								
Masonry: Fieldstone	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Rubber Matting	100%			2033	$38,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 800 Amperes								
Fused Disc Sw	50%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Service Switch Rated At 200 Amperes For Emergency Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$100	
Raceway								
Conduit	75%	2-4	$23,000	2053	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Conduit	25%			2053	* *	1		
Panelboards								
Fused Toggle Switch	5%	2-4	$5,000	2058	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Molded Case Bkrs	75%			2049	* *	5	$500	
Molded Case Bkrs	20%			2032	$20,000	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	50%			2033	$38,600	1		
Thermoplastic	50%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	$342,900	10	$21,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	25%			2028	$3,500	1		
Emergency, Battery	25%			2028	$9,700	10	$1,400	
Exit, Battery	50%			2038	* *	10	$800	
Exterior Lighting								
HID	6%	Now	$3,200	2041	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Building								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Controlled Via Timer								
Incandescent	4%	Now	$4,900	2043	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement Terrace								
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$43,200	1	$8,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$14,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : One 6,300 Gallons Tank								
Conversion Equipment								
Steam Boiler	100%			2031	$200,500	1	$22,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Two Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Air Handler	10%			2033	$43,300	1	$1,400	
Convector/Radiator	90%			2038	* *	1	$6,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$27,300			
Window/Wall Unit	10%			2028	$8,700	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Basement								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,300	
Exhaust Fans								
Interior	100%	Now	$51,000	2033	$102,000	2	$600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Fan Motor. Kitchen								
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2043	* *	1		
Galvanized Steel	98%			2038	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$4,600	4	$700	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL**		
Address	: **265 WARWICK STREET @ ATLANTIC AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K814**
Program / Asset #	: **BOE1105.000 / 14561**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **52,080**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3952** **Lot** : **47**	**BIN**	: **3087940**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$85,400
Total		**$85,400**
Importance Code B		$85,400
Total		**$85,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$12,400	$2,100	$900	
Interior Architecture	$10,100	$1,100	$3,600	
Electrical	$2,900	$56,600	$4,600	$3,300
Mechanical	$6,500	$6,800	$10,800	$7,400
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$43,800**	**$78,500**	**$31,700**	**$22,500**
Importance Code A	$15,000	$4,800	$3,500	$2,600
Importance Code B	$19,400	$73,700	$28,200	$20,000
Importance Code C	$9,400			
Total	**$43,800**	**$78,500**	**$31,700**	**$22,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL
Asset # : 14561

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$31,600	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Window Wall	2%			2050	* *	5	$2,600	
Windows								
Aluminum	100%			2046	* *	5	$1,800	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$1,100	
Masonry: Limestone	10%			LIFE	* *	5	$100	
Roof								
IRMA/Protected Membrane	92%	4+	$12,400	2035	* *			
Gravel/Stone Ballast, Extent : Light, Area Affected : 100% *Location : Throughout* *Water Penetration, Extent : Moderate, Area Affected : 2%* *Location : At Drain Location*								
Modified Bitumen	3%			2035	* *	10	$900	
Sloped Glazing	5%			LIFE	* *	5	$19,000	
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								
Floors								
Carpet	5%			2029	$26,800	3	$2,300	
Cast in Place Concrete	5%			LIFE	* *	5	$3,300	
Ceramic Tile	5%			2039	* *	5	$1,500	
Quarry Tile	5%			2043	* *	5	$2,300	
Sheet Vinyl/Rubber	5%			2035	* *	5	$2,300	
Vinyl Tile	75%			2035	* *	3	$8,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	25%			2039	* *	5	$18,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,000	
Gypsum Board	60%			LIFE	* *	5	$27,000	
Ceilings								
AcousTileSusp.Lay-In	90%			2043	* *	5	$27,300	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$1,900	
Site Enclosure								
Fence/Gates								
Iron Picket	80%			2065	* *			
Masonry: Brick	20%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Pavers/Stone	100%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL
Asset # : 14561

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	50%			2039	* *			
Rubber Matting	50%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere And One 1,600 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	30%			2043	* *	5	$100	
Motor Control Center	50%			2047	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Custodian Office								
Explanation : All Controllers Is Monitored By Building Management System.								
Variable Frequency Drive	20%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$46,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2035	* *	10		
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$6,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$200	
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL
Asset # : 14561

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$300	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$32,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	80%			2035	* *	1	$20,600	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 4 Rooftop Package Units								
Hot Water Boiler	20%			2043	* *	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2046	* *	4	$500	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2043	* *	1	$3,400	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2035	* *	2	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 RTU								
Split Unit	10%			2035	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,000	
Exhaust Fans								
Roof	100%			2035	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL
Asset # : 14561

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$85,400	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$2,100	
Backflow Preventer								
Generic	100%			2035	* *	1	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From Basement To 4th Floor, One Unit From Basement To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$14,600	
Fire Pump								
Generic	100%			2039	* *	1	$9,700	
Chemical System								
No Component	98%							
Generic	2%			2028	$4,900	1-3	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 89 - BX**		
Address	: **980 MACE AVENUE @ WILLIAMSBRIDGE RD.**		
Borough	: **BRONX**	**Agency's Number**	: **X089**
Program / Asset #	: **BOE0230.000 / 420**	**Yr Built/Renovated**	: **1927 / 2007**
Area Sq Ft	: **98,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4444** **Lot** : **16**	**BIN**	: **2051571**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$273,000	$223,400
Interior Architecture	$621,600	$1,344,400
Electrical	$468,200	$472,600
Mechanical	$1,098,100	$2,667,500
Total	**$2,460,900**	**$4,707,900**
Importance Code A	$273,000	$223,400
Importance Code B	$2,187,900	$4,484,500
Total	**$2,460,900**	**$4,707,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$71,700		$4,000	$5,000
Electrical	$45,400	$7,600	$27,200	$8,700
Mechanical	$54,800	$16,300	$22,400	$17,800
Site Enclosure	$5,800			
Site Pavements				
Total	**$177,700**	**$23,900**	**$53,600**	**$31,500**
Importance Code A	$9,700	$9,700	$9,900	$9,700
Importance Code B	$121,800	$14,200	$43,700	$21,800
Importance Code C	$46,200			
Total	**$177,700**	**$23,900**	**$53,600**	**$31,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$84,400	
Masonry: Brick	90%			LIFE	* *	5	$139,000	
Masonry: Granite	3%			LIFE	* *	5	$3,500	
Windows								
Aluminum	100%	Now	$214,100	2047	* *	5	$22,500	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Hardware Missing, Extent : Severe, Area Affected : 50%								
Location : Classrooms								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$16,000	
Masonry: Brick	85%			LIFE	* *	5	$17,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	
Roof								
Built-Up (BUR)	95%			2036	* *	10	$58,900	
Copper/Terne	5%			2059	* *	10	$7,700	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$88,100	
Ceramic Tile	5%	0-2	$9,100	2034	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	3%			2036	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	25%	Now	$22,300	2031	$1,112,800	3	$15,100	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Classroom 413								
Explanation : Damaged Substrate								
Vinyl Tile 9" X 9"	2%			2026	$568,800	3	$1,200	
Wood	35%			2046	* *	5	$105,700	
Interior Walls								
Ceramic Tile	5%	Now	$9,600	2034	* *	5	$4,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Glass: Single Pane	5%			LIFE	* *	5	$6,500	
Gypsum Board	10%			LIFE	* *	5	$10,500	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%	Now	$30,800	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stair Wells								
Plaster	45%			LIFE	* *	5	$23,600	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,500	
Plaster	90%			LIFE	* *	5	$90,600	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	25%			2051	* *			
Iron Picket	75%	0-2	$5,800	2066	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Mace Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2044	* *			
Slate	10%			LIFE	* *	5	$500	
Activity Yard								
Asphalt	97%			2040	* *			
Rubber Matting	3%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2051	* *	5	$200	
Fused Knife Sw	50%	2-4	$113,800	2061	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$200	
Fused Knife Sw	5%	2-4	$12,000	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Molded Case Bkrs	10%			2047	* *	5	$300	
Molded Case Bkrs	75%			2030	$179,600	5	$1,900	
Wiring								
Braided Cloth	80%	2-4	$233,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	25%			2044	* *	5	$200	
Locally Mounted	55%			2029	$65,700	5	$400	
Locally Mounted	20%	2-4	$14,300	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,400	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$88,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Egress Lighting								
Emergency, Battery	20%			2026	$32,900	10	$4,700	
Emergency, Battery	30%			2036	* *	10	$7,100	
Exit, Service	20%			2026	$8,500	1		
Exit, Service	30%			2036	* *	1		
Exterior Lighting								
HID	10%			2031	$45,700	10		
HID	10%			2036	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$62,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$97,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	80%	Now	$110,200	2031	$2,204,600	4	$3,900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Return Line								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Oil Pump At Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Steam And Condensate Return Piping Beyond The Boiler Room								
Central Plant Steam Piping/Pmp	20%			2051	* *	4	$1,000	
Terminal Devices								
Air Handler	30%			2026	$553,300	1	$18,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Air Handler	10%	0-2	$18,400	2031	$184,400	1	$5,500	
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Blower Switch Is Defective								
Convector/Radiator	60%	Now	$24,000	2036	* *	1	$17,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : 20 Percent Of Steam Traps Are Malfunctioning In Various Location								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	15%			2039	* *			
Recent Installation, Extent : N/A, Area Affected : 15%								
Location : Cafeteria And Auditorium								
Window/Wall Unit	75%			2030	$278,400	1		
Recent Installation, Extent : N/A, Area Affected : 80%								
Location : Throughout Classrooms And Administrative Offices								
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	15%			2041	* *	2	$10,200	
Recent Installation, Extent : N/A, Area Affected : 15%								
Location : Rear Of School								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,600	
Exhaust Fans								
Interior	100%			2026	$434,600	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2041	* *	1		
Galvanized Steel	70%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$19,600	4	$2,100	
Backflow Preventer								
No Component	80%							
Generic	20%			2036	* *	1	$1,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Unit Serves Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2041	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 892 - Q**		
Address	: **199-10 112TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q892**
Program / Asset #	: **BOE1184.000 / 14930**	**Yr Built/Renovated**	: **1957 / 2013**
Area Sq Ft	: **59,746**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **10975** **Lot** : **1**	**BIN**	: **4235252**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$112,500	$60,900
Electrical		$52,100
Mechanical		$421,400
Total	**$112,500**	**$534,400**
Importance Code A	$112,500	$60,900
Importance Code B		$473,500
Total	**$112,500**	**$534,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$23,800		$2,200	
Interior Architecture	$158,400		$11,100	$20,700
Electrical	$7,200	$5,600	$6,800	$5,600
Mechanical	$82,300	$25,900	$52,500	$25,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$275,600**	**$35,400**	**$76,600**	**$56,100**
Importance Code A	$28,600	$4,700	$6,900	$4,700
Importance Code B	$170,100	$30,700	$69,700	$32,900
Importance Code C	$77,000			$18,400
Total	**$275,600**	**$35,400**	**$76,600**	**$56,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 892 - Q

Asset # : 14930

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	* *	5	$121,800	
Masonry: Limestone	8%			LIFE	* *	5	$7,900	
Windows								
Aluminum	100%			2049	* *	5	$17,700	
Parapets								
Masonry: Brick	88%			LIFE	* *	5-10	$60,400	
Masonry: Limestone	10%			LIFE	* *	5-10	$12,200	
Metal Rail	2%			2046	* *	5-10	$3,600	
Roof								
Modified Bitumen	100%			2038	* *	10	$48,100	
Interior								
Floors								
Carpet	3%			2032	$47,400	3	$4,000	
Cast in Place Concrete	2%			LIFE	* *	5	$7,800	
Ceramic Tile	5%			2042	* *	5	$4,500	
Quarry Tile	2%			2046	* *	5	$2,700	
Terrazzo	45%			LIFE	* *	5	$62,900	
Vinyl Tile	38%			2038	* *	3	$12,700	
Wood	5%			2061	* *	5	$8,400	
Interior Walls								
Ceramic Tile	25%			2042	* *	5	$36,900	
Concrete Masonry Unit	3%			LIFE	* *	5	$3,500	
Gypsum Board	25%			LIFE	* *	5-10	$62,700	
Granite Panels	5%			LIFE	* *	10	$2,900	
Plaster	10%			LIFE	* *	5-10	$12,500	
SGFT/Glazed Masonry	32%			LIFE	* *	10	$23,600	
Ceilings								
AcousTileSusp.Lay-In	85%	4+	$21,300	2046	* *	5	$32,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Girls Toilet Room 202								
Gypsum Board	15%			LIFE	* *	5-10	$38,900	
Site Enclosure								
Fence/Gates								
Chain Link	8%			2053	* *			
Iron Picket	92%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 112th Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 892 - Q

Asset # : 14930

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Cast in Place Concrete	95%			2038	* *			
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere And 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$100	
Molded Case Bkrs	90%			2049	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$300	
Variable Frequency Drive	30%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$52,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2041	* *	10	$1,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$7,200	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	20%			2038	* *	10	$1,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Perimeter Of The Building								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 892 - Q

Asset # : 14930

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside Of The Building								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2038	* *	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Basement								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$36,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Multipurpose Room And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Fire Alarm Panel And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Furnace	40%			2041	* *	1	$11,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Steam Boiler	60%			2050	* *	1	$35,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	60%			2059	* *			
No Component	40%							
Terminal Devices								
Convector/Radiator	60%			2050	* *	1	$11,600	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 892 - Q

Asset # : 14930

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2041	* *	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Units. R-410a Refrigerant								
Window/Wall Unit	60%			2032	$135,800	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,700	
Exhaust Fans								
Interior	20%			2041	* *	2	$400	
Roof	80%			2041	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$37,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Waste Line From 3rd Floor Bathroom To Second Floor Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2053	* *	1-2	$800	
Chemical System								
Generic	100%			2032	$285,600	1-3	$260,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set. Kitchen Fires Suppression System 70 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 90 - BX**				
Address	: **1116 SHERIDAN AVENUE BTWN: MC CLELLAN ST., EAST 166 S**				
Borough	: **BRONX**			**Agency's Number**	: **X090**
Program / Asset #	: **BOE0231.000 / 421**			**Yr Built/Renovated**	: **1928 / 2000**
Area Sq Ft	: **92,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **2456**	**Lot**	: **100**	**BIN**	: **2002745**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,068,300	$139,000
Interior Architecture	$2,711,900	$4,413,800
Electrical		$736,500
Mechanical	$2,335,700	$2,633,600
Site Pavements		$116,500
Total	**$6,115,800**	**$8,039,400**
Importance Code A	$1,068,300	$139,000
Importance Code B	$4,562,000	$7,900,500
Importance Code C	$485,500	
Total	**$6,115,800**	**$8,039,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,000			
Interior Architecture	$126,800		$2,400	$6,000
Electrical	$22,000	$8,600	$10,600	$8,800
Mechanical	$56,300	$14,400	$20,900	$13,500
Site Enclosure	$57,400			
Site Pavements	$39,800			
Total	**$328,400**	**$23,000**	**$33,900**	**$28,300**
Importance Code A	$42,100	$9,100	$9,100	$9,100
Importance Code B	$211,700	$13,900	$24,800	$19,200
Importance Code C	$74,700			
Total	**$328,400**	**$23,000**	**$33,900**	**$28,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%	2-4	$82,800	LIFE	* *	5	$4,800	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room Basement And Stair Areaways								
Masonry: Brick	90%	4+	$228,800	LIFE	* *	5	$139,000	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Masonry: Limestone	5%			LIFE	* *	5	$11,600	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$642,200	2049	* *	5	$22,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 85%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$134,100	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Sidewalk Shed Below, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$13,000	
Repairs in Progress, Extent : N/A, Area Affected : 90%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	2-4	$13,700	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 464 - Water Penetration And Ceiling Damage								
Copper/Terne	5%			2061	* *	10	$7,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$70,500	
Ceramic Tile	5%	Now	$22,700	2036	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Quarry Tile	2%	Now	$23,700	2038	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%	0-2	$75,300	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	15%	Now	$66,800	2038	* *	3	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%	Now	$426,600	2028	$4,265,800	3	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	48%	2-4	$922,600	2061	* *	5	$72,500	
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$24,000	2036	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Toilets And Kitchen								
Masonry: Brick	15%	0-2	$249,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	0-2	$77,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$159,200	LIFE	* *	5	$39,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 4th Floor, Classrooms, Stairs And Around Auditorium Windows								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 4th Floor, Classrooms, Stair Tower								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$16,100	
AcousTileSusp.Lay-In	3%			2046	* *	5	$4,800	
Exposed Struc: Concrete	12%			LIFE	* *	5-10	$24,200	
Plaster	75%	Now	$735,100	LIFE	* *	5	$75,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 4th Floor, Classrooms, Stairs								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, Rooms 404, 411, 455								
Site Enclosure								
Fence/Gates								
Chain Link	85%	2-4	$34,900	2053	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : At Vehicle Entry								
Iron Picket	15%	0-2	$13,400	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	4+	$9,100	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Retaining Wall								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : West Side								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Top Of Walls Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$22,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	60%			2042	* *			
Cast in Place Concrete	35%			2046	* *			
Pavers/Stone	5%	Now	$2,400	2036	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Entry Stairs								
Parking/Driveway								
Asphalt	95%			2036	* *			
Cast in Place Concrete	5%			2046	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%	2-4	$14,800	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rubber Matting	25%			2033	$116,500			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2053	* *	5	$300	
Molded Case Bkrs	30%			2033	$68,300	5	$700	
Raceway								
Conduit	80%			2033	$161,400	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	$24,000	5	$200	
Molded Case Bkrs	10%			2032	$24,000	5	$200	
Molded Case Bkrs	80%			2049	* *	5	$1,900	
Wiring								
Thermoplastic	10%			2033	$29,200	1		
Thermoplastic	90%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,400	
Generic	50%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$80,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	5%			2038	* *	10	$4,200	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Five Classrooms								
Egress Lighting								
Emergency, Battery	50%			2028	$77,200	10	$11,100	
Exit, Service	50%			2028	$19,800	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	10%			2033	$49,300			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter And Roof								
Explanation : Operated Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2028	$172,700	1	$34,400	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$56,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Lobby								
Explanation : No Central Station Connection								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$28,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 10,000-gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$16,000	2038	* *	1	$82,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Boiler B-1 Low Water Cut-off. Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	55%			2043	* *			
Steam Piping/Pump	45%	0-2	$6,600	2033	$331,500			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Condensate Pump Hose Connection. Basement.								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Steam And Condensate Piping Beyond Boiler Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2028	$346,300	1	$11,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room, Blowers Are Beyond Useful Life Cycle Rating								
Convector/Radiator	50%			2031	$376,200	1	$14,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, Radiators Are Beyond Useful Life Cycle Rating								
Fan Coil Unit/Heat	30%	Now	$684,300	2043	* *	1	$8,000	
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Various Classrooms, Multiple Mechanical / Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms, Unit Ventilators Are Beyond Useful Life Cycle Rating								
Controls								
Electrical	10%			2026	$51,100			
Pneumatic	90%			2027	$1,600,200			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2028	$313,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,200	
Exhaust Fans								
Interior	80%			2028	$326,400	2	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Roof	20%			2033	$35,700	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galvanized Steel	80%			2031	$939,600	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Beyond The Boiler Room, Domestic Hot And Cold Water Piping Beyond Useful Life Cycle Rating								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room, Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room, Storm Drain Piping Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Non-Submersible	100%			2033	$18,400	4	$2,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2038	* *	1	$5,600	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : 400-gallon Tank							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,300	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 90 - BX MINISCHOOL**				
Address	: **1116 SHERIDAN AVENUE BTWN: MC CLELLAN ST., EAST 166 S**				
Borough	: **BRONX**			**Agency's Number**	: **X890**
Program / Asset #	: **BOE0231.010 / 422**			**Yr Built/Renovated**	: **1969 / 1997**
Area Sq Ft	: **12,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2456**	**Lot**	: **100**	**BIN**	: **2002745**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$228,300	
Interior Architecture	$753,400	$307,700
Electrical		$71,700
Mechanical	$66,700	$195,500
Total	**$1,048,400**	**$574,800**
Importance Code A	$228,300	
Importance Code B	$820,100	$574,800
Total	**$1,048,400**	**$574,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$61,100			
Interior Architecture	$90,700			$1,900
Electrical	$2,800	$1,100	$1,400	$1,200
Mechanical	$4,500	$800	$1,500	$800
Total	**$159,100**	**$1,900**	**$2,900**	**$3,900**
Importance Code A	$61,700	$600	$600	$600
Importance Code B	$66,900	$1,300	$2,300	$3,300
Importance Code C	$30,400			
Total	**$159,100**	**$1,900**	**$2,900**	**$3,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 90 - BX MINISCHOOL
Asset # : 422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$9,100	
Metal Panel	95%	Now	$228,300	2053	* *	5	$32,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : All Sides								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$8,900	2041	* *	5	$900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Metal Panel	100%	2-4	$47,700	2038	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Discoloration								
Soffits								
Metal Panel	100%			2043	* *	5-10	$10,900	
Interior								
Floors								
Ceramic Tile	5%	Now	$44,900	2048	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	70%	0-2	$15,400	2033	$307,700	3	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	Now	$702,000	2043	* *	3	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	50%	Now	$24,500	LIFE	* *	5	$5,200	
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : Throughout								
Metal Panel	50%			LIFE	* *	10	$5,900	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$51,400	2038	* *	5	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX MINISCHOOL

Asset # : 422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical/ Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$100	
Raceway								
Conduit	95%			2033	$24,500	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,000	5		
Molded Case Bkrs	75%			2032	$29,900	5	$200	
Molded Case Bkrs	20%			2049	* *	5	$100	
Wiring								
Thermoplastic	90%			2033	$25,800	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$11,000	
Motion Sensors in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2028	$10,100	10	$1,400	
Exit, Service	50%			2028	$2,600	1		
Exterior Lighting								
LED	10%			2028	$6,400			
No Component	90%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
P. S. 90 - BX MINISCHOOL
Asset # : 422

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2028	$22,500	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Cameras On The Exterior Only								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$7,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Devices Are Fed From The Main School Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2033	$37,300	1	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 - Duct Mounted Gas Fired Hot Air Furnaces								
Controls								
Electrical	100%			2026	$66,700			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Air Cooled interior Pkg Unit	100%			2031	$195,500	2	$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,600	
Exhaust Fans								
Roof	20%			2033	$4,700	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Janitors Closet. First Floor								
Explanation : 100 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX MINISCHOOL

Asset # : 422

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 91 - BX**		
Address	: **2200 AQUEDUCT AVENUE @W. 182 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X091**
Program / Asset #	: **BOE0232.000 / 198**	**Yr Built/Renovated**	: **1929 / 1999**
Area Sq Ft	: **66,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3208** **Lot** : **1**	**BIN**	: **2014505**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$106,100	$638,200
Interior Architecture	$53,400	$275,200
Electrical	$177,900	$349,100
Mechanical	$1,587,500	$1,184,800
Site Pavements	$185,100	
Total	**$2,109,900**	**$2,447,400**
Importance Code A	$221,100	$638,200
Importance Code B	$1,888,800	$1,809,100
Total	**$2,109,900**	**$2,447,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$4,400	$33,300	$2,500	$21,200
Electrical	$1,600	$2,200	$1,700	$22,300
Mechanical	$90,000	$10,200	$15,000	$19,700
Site Enclosure	$13,700			
Site Pavements	$1,300			
Total	**$110,900**	**$45,700**	**$19,200**	**$63,200**
Importance Code A		$6,500	$6,500	$6,700
Importance Code B	$105,800	$39,200	$12,700	$56,500
Importance Code C	$5,100			
Total	**$110,900**	**$45,700**	**$19,200**	**$63,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$34,700	
Masonry: Brick	80%			LIFE	* *	5	$71,100	
Masonry: Brick	10%	Now	$106,100	LIFE	* *	5	$8,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% *Location : Auditorium* *Water Penetration, Extent : Moderate, Area Affected : 10%* *Location : Auditorium*								
Masonry: Granite	5%			LIFE	* *	5	$3,300	
Windows								
Aluminum	100%			2048	* *	5	$21,600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$3,700	
Masonry: Brick	45%			LIFE	* *	5	$4,300	
Masonry: Brick	45%			LIFE	* *	5	$4,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Roof								
Built-Up (BUR)	95%			2032	$558,300	10	$47,800	
Patching Evident, Extent : Light, Area Affected : 5% *Location : Gymnasium Roof Near Drains*								
Copper/Terne	5%			2060	* *	10	$6,300	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$43,600	
Ceramic Tile	5%			2041	* *	5	$5,000	
Quarry Tile	2%			2037	* *	5	$3,000	
Terrazzo	5%			LIFE	* *	5	$3,900	
Vinyl Tile	5%			2037	* *	3	$1,900	
Vinyl Tile	8%	4+	$4,400	2032	$220,400	3	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10% *Location : Classroom 320 Through 326*								
Wood	20%			2047	* *	5	$37,400	
Wood	35%			2060	* *	5	$65,400	
Interior Walls								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$3,500	
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Auditorium*								
Plaster	70%			LIFE	* *	5	$24,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Metal Panel	2%			LIFE	* *	5	$2,500	
Plaster	80%	Now	$48,500	LIFE	* *	5	$49,900	
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : 4th Floor Classrooms								
Plaster	8%	2-4	$4,900	LIFE	* *	5	$5,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, 4th Floor Gymnasium Storage								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2052	* *			
Iron Picket	70%	4+	$3,900	2067	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Rolling Gate On Clinton Place								
Retaining Walls								
Cast in Place Concrete	100%	4+	$9,800	2067	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Areaways								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$110,500	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : West 182nd Street And Clinton Place								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Clinton Place								
On-Site Walkways								
Asphalt	90%	4+	$1,300	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Near Mini School In Rear Of School								
Cast in Place Concrete	10%			2045	* *			
Activity Yard								
Asphalt	98%	4+	$74,600	2041	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Play Yard								
Rubber Matting	2%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2032	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$195,100	5	$300	
Raceway								
Conduit	90%			2032	$130,100	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$14,400	5	$100	
Fused Disc Sw	2%			2048	* *	5		
Molded Case Bkrs	90%			2048	* *	5	$1,600	
Wiring								
Braided Cloth	60%	2-4	$119,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2045	* *	5	$400	
Locally Mounted	20%			2030	$23,900	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2037	* *	10	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$8,000	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10		
No Component	80%							
Alarm								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$12,400	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$12,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Bell, Horn, Pull Box Station, Smoke Detector And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$20,400	
Conversion Equipment								
Steam Boiler	100%	0-2	$115,100	2045	* *	1	$58,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room. Oil Gauge Malfunctioning								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Carbon Monoxide Detector Is Not Working In The Basement.								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$37,100	2042	* *	4	$3,300	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Basement								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Compressor Is Not Working In The Boiler Room.								

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DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%	0-2	$24,800	2027	$496,800	1	$14,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement, Boiler Room. Leaking Air Handling Unit								
Convector/Radiator	50%	0-2	$13,500	2030	$269,800	1	$9,600	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Various Locations. Leaking Radiator								
Fan Coil Unit/Heat	10%			2027	$163,600	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2027	$200,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	
Exhaust Fans								
Interior	100%	Now	$5,900	2027	$292,700	2	$1,600	
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : Various Locations. Gymnasium Exhaust Van And 3rd Floor Exhaust Fan Broken. No Belts Available For Replacement And Broken Motor								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2032	$678,100	1		
Galvanized Steel	20%	2-4	$8,400	2030	$168,500	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Water Heater With Tanks								
Gas Fired	100%			2030	$68,300	2		
Sanitary Piping								
Cast Iron	100%	Now	$249,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Basement. Clogged And Broken Sewer Piping								
Storm Drain Piping								
Cast Iron	100%	Now	$69,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Basement. Clogged House Main Traps								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$27,400	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 91 - BX MINISCHOOL**		
Address	: **2200 AQUEDUCT AVENUE @ W. 182 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X891**
Program / Asset #	: **BOE0232.010 / 3027**	**Yr Built/Renovated**	: **1969 / 2000**
Area Sq Ft	: **6,130**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Oct-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3208** **Lot** : **1**	**BIN**	: **2014505**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$81,100	
Interior Architecture	$1,508,400	$84,300
Electrical		$163,000
Mechanical	$99,900	
Total	**$1,689,300**	**$247,400**
Importance Code A	$81,100	
Importance Code B	$1,608,200	$247,400
Total	**$1,689,300**	**$247,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$16,400			$3,300
Interior Architecture	$15,500		$400	$7,200
Electrical	$100	$200	$200	$7,000
Mechanical	$300	$24,000	$900	$300
Total	**$32,300**	**$24,200**	**$1,500**	**$17,800**
Importance Code A	$16,700	$300	$300	$3,600
Importance Code B	$3,000	$23,900	$1,200	$14,200
Importance Code C	$12,700			
Total	**$32,300**	**$24,200**	**$1,500**	**$17,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BX MINISCHOOL
Asset # : 3027

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$4,800	
Painted Surfaces, Extent : Moderate, Area Affected : 75%								
Location : Facades								
Metal Panel	50%	2-4	$10,200	2042	* *	5	$14,400	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Rear Facade								
Windows								
Aluminum	100%	0-2	$6,100	2040	* *	5	$600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Modified Bitumen	100%	0-2	$81,100	2037	* *			
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Soffits								
Metal Panel	100%			2042	* *	5-10	$12,100	
Interior								
Floors								
Ceramic Tile	5%	Now	$1,700	2035	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Toilet Rooms								
Vinyl Tile	25%			2032	$84,300	3	$1,100	
Vinyl Tile 9" X 9"	70%			2027	$1,508,400	3	$4,300	
Interior Walls								
Concrete Masonry Unit	35%	2-4	$12,700	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	65%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	$12,200	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 400 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BX MINISCHOOL
Asset # : 3027

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2032	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2031	$1,500	5		
Molded Case Bkrs	95%			2031	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2032	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2032	$91,400	10	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2032	$5,100	10	$700	
Exit, Service	50%			2032	$1,300	1		
Exterior Lighting								
HID	20%			2027	$5,700	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$1,200	1	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Smoke Detector, Bell, Horn, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BX MINISCHOOL
Asset # : 3027

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2037	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit Ceiling Duct Mounted								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	0-2	$99,900	2037	* *	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,400	
Exhaust Fans								
Interior	100%			2032	$27,200	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Needs To Be Replaced. Very Old								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 92 - BX**		
Address	: **700 EAST 179 STREET BTWN: CROTONA AVE - CLINTON AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X092**
Program / Asset #	: **BOE0233.000 / 423**	**Yr Built/Renovated**	: **1930 / 2009**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3092** **Lot** : **14**	**BIN**	: **2012620**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$56,700	$85,500
Interior Architecture	$540,300	$131,300
Electrical	$688,400	$764,800
Mechanical	$131,800	$1,870,600
Site Pavements	$158,900	
Total	**$1,576,200**	**$2,852,200**
Importance Code A	$56,700	$85,500
Importance Code B	$1,356,600	$2,766,700
Importance Code C	$162,900	
Total	**$1,576,200**	**$2,852,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$2,100	$14,600
Interior Architecture	$123,600			$7,100
Electrical	$12,300	$2,600	$90,600	$1,700
Mechanical	$20,900	$18,600	$45,200	$18,600
Total	**$156,800**	**$21,200**	**$137,900**	**$42,100**
Importance Code A	$8,600	$8,600	$10,900	$23,300
Importance Code B	$144,700	$12,600	$127,000	$18,800
Importance Code C	$3,500			
Total	**$156,800**	**$21,200**	**$137,900**	**$42,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$37,100	
Masonry: Brick	90%			LIFE	* *	5	$85,500	
Masonry: Granite	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%			2047	* *	5	$29,300	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$20,400	
Copper/Terne	5%			2066	* *	5	$4,200	
Masonry: Brick	80%			LIFE	* *	5	$14,000	
Roof								
Copper/Terne	5%			2059	* *	10	$7,500	
Modified Bitumen	95%			2036	* *	10	$56,700	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$59,300	
Mosaic Tile	3%	Now	$19,100	2036	* *	5	$5,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Toilets								
Quarry Tile	5%	Now	$49,900	2044	* *	5	$5,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	42%			2036	* *	3	$28,500	
Wood	25%	Now	$202,200	2046	* *	5	$31,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	3%	0-2	$3,500	2034	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Masonry: Brick	15%	Now	$60,300	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Marble Panels	2%			LIFE	* *			
Plaster	80%	Now	$102,600	LIFE	* *	5	$25,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2044	* *	5	$6,800	
Exposed Struc: Concrete	10%	Now	$40,600	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%	Now	$175,300	LIFE	* *	5	$72,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2051	* *			
Iron Picket	60%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$61,000	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East 179th								
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	95%	Now	$97,900	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Rubber Matting	5%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2031	$4,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$227,600	5	$400	
Raceway								
Conduit	95%			2031	$191,700	1		
Conduit	5%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	80%			2030	$191,600	5	$1,800	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2031	$58,300	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$500	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$10,500	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	100%			2026	$406,000	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$32,700	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$44,900	1-3	$10,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No. 6 Fuel								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$86,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	95%			2041	* *			
Steam Piping/Pump	5%	0-2	$1,700	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement: Vacuum Pump And Steam Return Piping Are Leaking.								
Terminal Devices								
Air Handler	50%			2031	$818,600	1	$26,900	
Convector/Radiator	50%			2036	* *	1	$14,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	40%			2026	$131,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$24,300	
No Component	50%							
Exhaust Fans								
Interior	50%			2031	$192,900	2	$1,300	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2041	* *	1		
Galvanized Steel	70%			2029	$777,500	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,800	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2041	* *	1-2	$700	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 93 - BX**		
Address	: **1535 STORY AVENUE @ELDER AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X093**
Program / Asset #	: **BOE0234.000 / 424**	**Yr Built/Renovated**	: **1930 / 2012**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3652** **Lot** : **1**	**BIN**	: **2097341**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$206,600
Interior Architecture	$551,000	$1,044,100
Electrical	$139,700	$583,500
Mechanical	$374,800	$898,500
Total	**$1,065,500**	**$2,732,600**
Importance Code A	$136,000	$206,600
Importance Code B	$929,600	$2,410,800
Importance Code C		$115,300
Total	**$1,065,500**	**$2,732,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$6,000
Interior Architecture	$17,300	$9,900		$34,700
Electrical	$1,900	$2,600	$2,700	$49,900
Mechanical	$13,600	$13,800	$19,500	$56,200
Site Pavements	$30,000			
Total	**$62,800**	**$26,200**	**$22,200**	**$146,800**
Importance Code A		$7,700	$7,700	$13,900
Importance Code B	$62,800	$10,500	$14,500	$132,900
Importance Code C		$8,000		
Total	**$62,800**	**$26,200**	**$22,200**	**$146,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$87,500	
Masonry: Brick	85%			LIFE	* *	5	$119,000	
Masonry: Granite	7%			LIFE	* *	5	$7,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : South, East And West Facade Base								
Windows								
Aluminum	100%			2048	* *	5	$36,600	
Other Observation, Extent : N/A, Area Affected : 25%								
Location : First Floor								
Explanation : Screens On First Floor Windows								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$11,000	
Metal Security Bars	5%			2060	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
Roof								
Copper/Terne	5%			2067	* *	10	$6,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout Roof								
Modified Bitumen	95%			2040	* *	10	$45,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,700	
Ceramic Tile	3%			2035	* *	5	$3,700	
Quarry Tile	2%			2037	* *	5	$3,700	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	25%	Now	$17,300	2032	$862,500	3	$11,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Lunch Room								
Vinyl Tile 9" X 9"	50%	Now	$551,000	2042	* *	3	$23,400	
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Classrooms And Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Classrooms And Corridors								
Wood	10%			2047	* *	5	$23,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$16,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$10,700	
Glass: Single Pane	1%			LIFE	* *	5	$4,000	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	2%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	72%			LIFE	* *	5	$115,300	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2037	* *	5	$18,700	
Plaster	85%			LIFE	* *	5	$66,300	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2052	* *			
Iron Picket	40%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$30,000	2045	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 2%								
Location : Boynton Avenue								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Boynton Avenue								
Parking/Driveway								
Asphalt	100%			2035	* *			
Activity Yard								
Asphalt	80%			2041	* *			
Rubber Matting	20%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2032	$40,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1600 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2032	$136,500	5	$200	
Fused Disc Sw	30%			2042	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2042	* *	1		
Panelboards								
Fused Disc Sw	3%			2040	* *	5	$100	
Fused Disc Sw	7%			2031	$12,600	5	$100	
Molded Case Bkrs	75%			2031	$134,700	5	$1,500	
Molded Case Bkrs	15%			2040	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2042	* *	1		
Thermoplastic	20%			2032	$39,900	1		
Motor Controllers								
Locally Mounted	20%			2030	$23,900	5	$100	
Locally Mounted	80%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	94%			2040	* *	10	$67,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	6%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2032	$65,500	10	$9,400	
Exit, Service	50%			2032	$16,800	1		
Exterior Lighting								
HID	5%			2027	$18,200	10		
LED	15%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$29,300	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit Doors, Hallway And Some Offices								
Explanation : Intrusion Alarm And Motion Sensor Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Smoke Detector, Pull Box And Fire Alarm Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank 7500 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$136,000	2045	* *	1	$69,500	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room. One Of The Boiler Needs To Be Retubed								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2052	* *	4	$5,800	
Terminal Devices								
Air Handler	40%	Now	$117,400	2032	$587,100	1	$17,400	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Basement. Lunch Room And House Blower Are Out Of Service Due To Broken Belt And Motor								
Convector/Radiator	60%			2037	* *	1	$15,100	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2027	$59,100	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	
Exhaust Fans								
Interior	90%	Now	$62,300	2032	$311,300	2	$1,700	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium And Auditorium Exhaust Fans								
Roof	10%			2027	$15,100	2	$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$5,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Backs Up In The Basement With A Heavy Rain								
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2032	$3,500	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$1,100	
Chemical System								
Wet	20%			2030	$16,300	1-3	$18,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
Wet	10%			2027	$8,200	1-3	$9,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Hood								
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P. S. 93 - BX MINISCHOOL**			
Address	:	**1535 STORY AVENUE @ELDER AVE.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X893**
Program / Asset #	:	**BOE0234.010 / 425**	**Yr Built/Renovated**	:	**1972 / 2006**
Area Sq Ft	:	**12,120**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**03-Mar-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**3652** **Lot** : **1**	**BIN**	:	**2097341**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$69,200	
Interior Architecture	$56,400	$484,200
Electrical		$71,700
Mechanical		$249,600
Total	**$125,600**	**$805,500**
Importance Code A	$69,200	
Importance Code B	$56,400	$805,500
Total	**$125,600**	**$805,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,200			$6,500
Interior Architecture	$5,900	$500	$2,200	
Electrical	$10,700	$400	$500	$42,000
Mechanical	$3,700	$25,500	$2,700	$3,800
Total	**$45,500**	**$26,400**	**$5,400**	**$52,200**
Importance Code A	$25,800	$600	$600	$7,100
Importance Code B	$19,700	$25,800	$4,800	$45,100
Importance Code C				
Total	**$45,500**	**$26,400**	**$5,400**	**$52,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX MINISCHOOL

Asset # : 425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	4+	$25,200	2052	* *	5	$35,600	
Deformed/Dented, Extent : Moderate, Area Affected : 2%								
Location : South Facade								
Windows								
Aluminum	100%			2048	* *	5	$2,900	
Roof								
Metal Panel	100%			2045	* *	10	$69,200	
Soffits								
Metal Panel	100%			2042	* *	5-10	$23,800	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$900	
Vinyl Tile	95%			2032	$484,200	3	$6,600	
Interior Walls								
Concrete Masonry Unit	40%			LIFE	* *	5	$2,600	
Metal Panel	60%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	95%	Now	$56,400	2045	* *	5	$8,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	5%	Now	$5,900	LIFE	* *	5	$1,100	
Bent/Warped Elements, Extent : Severe, Area Affected : 25%								
Location : Bathrooms								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Asphalt	100%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : Two 200 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX MINISCHOOL

Asset # : 425

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2032	$25,700	1		
Panelboards								
Fused Disc Sw	5%			2031	$2,000	5		
Molded Case Bkrs	95%			2031	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2032	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$11,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2027	$10,300	10	$1,500	
Exit, Service	50%			2027	$2,700	1		
Exterior Lighting								
HID	20%			2027	$11,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	$4,600	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exit Doors And Hallway								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bell, Horn, Smoke Detector, Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 93 - BX MINISCHOOL
Asset # : 425

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2032	$38,300	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room. Ceiling Mounted Duct								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2033	$195,000	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,900	
Exhaust Fans								
Interior	100%			2032	$54,700	2	$400	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	20%			2030	$16,300	1-3	$18,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 94 - BX**		
Address	: **3530 KINGS COLLEGE PLACE @E. 211 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X094**
Program / Asset #	: **BOE0235.000 / 426**	**Yr Built/Renovated**	: **1929 / 2013**
Area Sq Ft	: **66,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3356** **Lot** : **36**	**BIN**	: **2018628**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$91,500	$80,000
Interior Architecture	$489,900	$934,100
Electrical	$250,100	$672,500
Mechanical	$1,002,800	$218,300
Total	**$1,834,200**	**$1,904,800**
Importance Code A	$91,500	$80,000
Importance Code B	$1,550,300	$1,824,900
Importance Code C	$192,500	
Total	**$1,834,200**	**$1,904,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,000		$48,500	$10,300
Interior Architecture	$145,800	$1,900		$600
Electrical	$1,000	$2,600	$39,300	$2,200
Mechanical	$58,100	$9,100	$14,600	$9,100
Site Pavements	$20,600			
Total	**$251,500**	**$13,600**	**$102,400**	**$22,200**
Importance Code A	$32,500	$6,500	$55,200	$16,800
Importance Code B	$202,300	$7,100	$47,200	$5,400
Importance Code C	$16,700			
Total	**$251,500**	**$13,600**	**$102,400**	**$22,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$48,600	
Masonry: Brick	25%	Now	$91,500	LIFE	* *	5	$22,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Old Coal Bunker, Boiler Room, Foundation, Rooms 452 And 359, Auditorium Windows								
Masonry: Brick	65%			LIFE	* *	5	$57,800	
Masonry: Limestone	3%			LIFE	* *	5	$2,000	
Windows								
Aluminum	95%			2047	* *	5	$20,500	
Wood	5%	Now	$26,000	2056	* *	5	$5,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Basement, Stair Bulkhead								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Basement, Stair Bulkhead								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$1,500	
Copper/Terne	3%			2066	* *	5	$1,400	
Masonry: Brick	90%			LIFE	* *	5	$8,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Roof								
Built-Up (BUR)	90%			2036	* *	10	$45,300	
Copper/Terne	5%			2059	* *	10	$6,300	
Modified Bitumen	5%			2036	* *	10	$2,500	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$43,600	
Mosaic Tile	5%	Now	$23,400	2029	$467,900	5	$6,200	
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : All Toilet Rooms								
Terrazzo	5%	4+	$9,300	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Security Desk								
Vinyl Tile	15%			2031	$413,200	3	$5,600	
Vinyl Tile 9" X 9"	5%	Now	$44,000	2041	* *	3	$1,900	
Worn/Eroded, Extent : Severe, Area Affected : 2%								
Location : Rooms 460, 360, 260								
Wood	50%	Now	$297,400	2046	* *	5	$46,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Fourth Floor Corridor, Gymnasium, Room 421								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor, Gymnasium, Room 421								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$9,600	2027	$192,500	5	$1,700	
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Toilet Rooms								
Masonry: Brick	20%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Old Coal Bunker								
Marble Panels	2%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$24,500	
Plaster	5%	Now	$7,100	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Room 452								
Paint Peeling, Extent : Severe, Area Affected : 2%								
Location : Room 155								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Room 452								
Ceilings								
Exposed Struc: Concrete	15%	Now	$44,800	LIFE	* *	5	$2,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Steel Beam In Boiler Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Plaster	5%	Now	$7,600	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 454								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 454								
Plaster	80%			LIFE	* *	5	$49,900	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2041	* *			
Iron Picket	90%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$20,600	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East 211 Street								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : East 211 Street								
On-Site Walkways								
Asphalt	10%			2034	* *			
Cast in Place Concrete	90%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%			2034	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$45,300	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$195,100	5	$300	
Raceway								
Conduit	90%			2031	$130,100	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	15%			2030	$26,900	5	$200	
Molded Case Bkrs	10%			2039	* *	5	$200	
Molded Case Bkrs	75%			2030	$134,700	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$139,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2041	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$95,500	5	$400	
Locally Mounted	20%			2044	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible, Covered With Insulation								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$55,400	10	$8,000	
Exit, Service	50%			2031	$14,200	1		
Exterior Lighting								
HID	20%			2031	$61,600	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$37,200	1	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$51,100	2041	* *	1-3	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : No. 2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$65,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	20%			2026	$248,400	1	$8,200	
Convector/Radiator	50%	Now	$5,400	2036	* *	1	$9,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various								
Fan Coil Unit/Heat	30%			2026	$490,900	1	$6,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	5%			2036	* *			
Window/Wall Unit	60%			2029	$150,000	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	
Exhaust Fans								
Interior	90%	Now	$26,300	2026	$263,400	2	$1,500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : House Playroom Blower								
Explanation : Broken Belt								
Roof	10%	Now	$600	2031	$12,800	2	$200	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$17,000	2041	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$68,300	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$2,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$27,400	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 94 - BX ANNEX**		
Address	: **268 EAST 211 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X361**
Program / Asset #	: **BOE0235.020 / 14575**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **51,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3356** **Lot** : **36**	**BIN**	: **2115241**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		$330,200
Total		**$330,200**
Importance Code B		$330,200
Total		**$330,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$32,000	$900
Interior Architecture	$18,400	$6,400	$3,400	$3,000
Electrical	$52,300	$3,400	$56,600	$5,100
Mechanical	$77,000	$22,700	$53,100	$23,100
Site Pavements	$15,100			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$174,700**	**$44,300**	**$156,900**	**$43,800**
Importance Code A	$11,900	$2,500	$34,700	$3,400
Importance Code B	$162,300	$36,200	$122,300	$40,400
Importance Code C	$500	$5,600		
Total	**$174,700**	**$44,300**	**$156,900**	**$43,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	55%			LIFE	* *	5	$18,700	
Metal Panel	5%			2051	* *	5-10	$11,700	
Pre-Cast Concrete	35%			LIFE	* *	5	$38,700	
Window Wall	5%			2051	* *	5	$6,400	
Windows								
Aluminum	95%			2047	* *	5	$1,700	
Metal Louvers	5%			2040	* *	10	$600	
Parapets								
Masonry: Brick Cavity	50%			LIFE	* *	5	$600	
Pre-Cast Concrete	50%			LIFE	* *	5	$3,700	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Parapet Wall								
Explanation : Covered With Roofing Membrane								
Roof								
Copper/Terne	10%			2059	* *	10	$7,100	
IRMA/Protected Membrane	90%			2036	* *	10	$25,700	
Soffits								
Alum/Vinyl Siding	100%			2051	* *	10		
Interior								
Floors								
Carpet	2%	Now	$2,100	2030	$10,700	3	$900	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$3,300	
Ceramic Tile	5%			2040	* *	5	$1,500	
Quarry Tile	3%			2044	* *	5	$1,400	
Sheet Vinyl/Rubber	15%			2036	* *	5	$6,800	
Vinyl Tile	70%			2036	* *	3	$10,600	
Interior Walls								
Ceramic Tile	15%			2040	* *	5	$11,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,000	
Gypsum Board	70%			LIFE	* *	5	$31,500	
Metal Panel	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	85%			2044	* *	5	$25,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$3,800	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2057	* *			
Retaining Walls								
Cast in Place Concrete	80%			2066	* *			
Masonry: Brick	20%			2051	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$14,600	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Sidewalks								
On-Site Walkways								
Asphalt	5%			2040	* *			
Cast in Place Concrete	85%			2044	* *			
Pavers/Stone	10%	4+	$500	2040	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kings College Place								
Activity Yard								
Asphalt	98%			2040	* *			
Rubber Matting	2%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2044	* *	5	$300	
Variable Frequency Drive	20%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2036	* *	10	$37,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2036	* *	10	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Compact Fluorescent Lights								
Fluorescent	15%			2036	* *	10	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : T-5 Lamps								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$6,200	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%	Now	$47,600	2041	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Perimeter Of The Building								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$32,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Manual Pull Stations And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	70%	Now	$11,100	2036	* *	1	$15,900	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Roof. One Of The Units Stayed Permanently In Cooling Mode								
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 4 Rooftop Package Units								
Hot Water Boiler	30%			2044	* *	1	$7,600	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2047	* *	4	$800	
No Component	70%							
Terminal Devices								
Convector/Radiator	30%			2044	* *	1	$4,900	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%	Now	$38,600	2036	* *	2	$2,200	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Building Management Control System								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Package Units. R-410 Refrigerant								
Split Unit	10%			2036	* *			
Heat Rejection								
Dry Cooler	100%			2036	* *	2	$35,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$28,400	
Exhaust Fans								
Roof	100%			2036	* *	2	$1,600	
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$85,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2036	* *	1	$3,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units From Cellar To 3rd Floor, 1 Units From Cellar To 1st Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$14,300	
Fire Pump								
Generic	100%			2040	* *	1	$9,500	
Chemical System								
Generic	100%			2029	$244,800	1-3	$223,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 96 - BX**				
Address	: **650 WARING AVENUE @BARKER AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X096**
Program / Asset #	: **BOE0237.000 / 429**			**Yr Built/Renovated**	: **1930 / 2015**
Area Sq Ft	: **68,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **02-Dec-2020**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **4341**	**Lot**	: **13**	**BIN**	: **2049999**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$475,700	$122,700
Interior Architecture	$68,200	$137,700
Electrical	$99,800	$236,900
Mechanical	$103,000	$602,900
Total	**$746,800**	**$1,100,400**
Importance Code A	$475,700	$122,700
Importance Code B	$271,100	$977,600
Total	**$746,800**	**$1,100,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,300			$12,600
Interior Architecture	$13,800	$15,100		$50,800
Electrical	$7,000	$6,800	$6,700	$41,500
Mechanical	$36,400	$27,900	$28,900	$64,200
Total	**$61,500**	**$49,800**	**$35,500**	**$169,200**
Importance Code A	$9,700	$5,400	$5,400	$18,000
Importance Code B	$51,800	$37,500	$30,200	$151,200
Importance Code C		$7,000		
Total	**$61,500**	**$49,800**	**$35,500**	**$169,200**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$55,500	
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$13,900	
Masonry: Brick	60%	0-2	$87,800	LIFE	* *	5	$53,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Olinville Avenue, Second Level At Transition With New Wing								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Old Wing Facade Facing Courtyard, Near Roof								
Masonry: Brick Cavity	30%			LIFE	* *	5	$26,700	
Windows								
Aluminum	60%	Now	$123,400	2048	* *	5	$6,500	
Air Infiltration, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Aluminum	40%			2054	* *	5	$8,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2015 Wing								
Explanation : Installed As New 2015								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,400	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,400	
Masonry: Brick	50%			LIFE	* *	5	$4,700	
Masonry: Brick	30%			LIFE	* *	5	$2,900	
Roof								
Built-Up (BUR)	45%	Now	$264,400	2037	* *			
Blisters, Extent : Severe, Area Affected : 40%								
Location : 1930 Section								
Gravel/Slag Surface, Extent : Severe, Area Affected : 100%								
Location : 1930 Section								
Patching Evident, Extent : Severe, Area Affected : 15%								
Location : 1930 Section								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : 1930 Section								
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : 1930 Section								
Copper/Terne	10%			2047	* *	10	$12,600	
Plaza Roof: Stone Panels	45%			2058	* *			
Soffits								
Alum/Vinyl Siding	100%			2058	* *	10		
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$43,600	
Ceramic Tile	5%			2035	* *	5	$5,000	
Marble Panels	1%			LIFE	* *	5	$700	
Quarry Tile	5%			2045	* *	5	$7,500	
Terrazzo	14%			LIFE	* *	5	$10,900	
Vinyl Tile	5%	2-4	$13,800	2032	$137,700	3	$1,900	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Vinyl Tile	15%			2037	* *	3	$5,600	
Wood	35%			2047	* *	5	$65,400	
Interior Walls								
Ceramic Tile	12%			2035	* *	5	$14,000	
Glass: Single Pane	2%			LIFE	* *	5	$1,700	
Gypsum Board	30%			LIFE	* *	5	$21,000	
Masonry: Brick	14%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$14,000	
Ceilings								
AcousTileSusp.Lay-In	35%			2037	* *	5	$34,900	
Exposed Struc: Concrete	10%			LIFE	* *	5	$1,600	
Gypsum Board	10%			LIFE	* *	5	$12,500	
Plaster	45%	0-2	$68,200	LIFE	* *	5	$28,000	
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Computer Classroom 1930 Section								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2052	* *			
Iron Picket	30%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	50%			2067	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Off Activity Yard. Unit Enclosure								
Explanation : Concrete Structure For Brick Facing								
Masonry: Brick	50%			2052	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Off Activity Yard. Unit Enclosure								
Explanation : Brick Facing On Concrete								
Retaining Walls								
Cast in Place Concrete	70%			2067	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Fieldstone	30%			2052	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Corner Of Waring And Olinville Avenue								
On-Site Walkways								
Cast in Place Concrete	98%			2049	* *			
Pavers/Stone	2%			2045	* *			
Activity Yard								
Asphalt	95%			2045	* *			
Rubber Matting	5%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	55%			2058	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Ampere And 1200 Ampere Main Disconnect Switch For The New Wing								
Fused Disc Sw	35%			2058	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Ampere, One 2000 Ampere And 1200 Ampere Main Disconnect Switch For The Old Building								
Fused Disc Sw	10%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch For Fire Pump For The Old And New Building								
Switchgear / Switchboard								
Fused Disc Sw	100%			2058	* *	5	$300	
Raceway								
Conduit	60%			2058	* *	1		
Conduit	40%			2032	$57,800	1		
Panelboards								
Fused Disc Sw	3%			2031	$5,400	5		
Fused Disc Sw	7%			2054	* *	5	$100	
Molded Case Bkrs	30%			2031	$53,900	5	$500	
Molded Case Bkrs	60%			2054	* *	5	$1,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$99,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Building								
Thermoplastic	10%			2032	$20,000	1		
Thermoplastic	40%			2058	* *	1		
Motor Controllers								
Locally Mounted	35%			2030	$41,800	5	$200	
Locally Mounted	30%			2049	* *	5	$100	
Variable Frequency Drive	35%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2052	* *	1	$20,900	
Generators								
Diesel	100%			2047	* *	1	$26,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 350 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,500	
Fuel Storage								
Main Tank	100%			2072	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	50%			2037	* *	10	$31,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Old Wing								
Explanation : T-8 Lamps								
Fluorescent	48%			2040	* *	10	$29,900	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old And New Building								
Fluorescent	2%			2040	* *	10	$1,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : First Lobby New Wing								
Egress Lighting								
Emergency, Service	35%			2040	* *	1		
Emergency, Battery	20%			2032	$22,800	10	$3,300	
Exit, Service	20%			2032	$5,900	1		
Exit, Service	25%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2032	$63,500	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2067	* *	5	$500	
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$12,800	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	10%			2040	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Alarm Bell, Horns, Pull Box Station, Smoke Detector, Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2058	* *	1		
Interruptible Gas/Dual Fuel	60%			2042	* *	1		
Conversion Equipment								
Hot Water Boiler	40%			2045	* *	1	$13,500	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Roof								
Explanation : 2 Units On The Roof								
Steam Boiler	60%			2037	* *	1	$40,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2048	* *	4	$2,000	
Central Plant Steam Piping/Pmp	60%			2042	* *	4	$2,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2032	$255,900	1	$8,400	
Convector/Radiator	40%	0-2	$4,400	2037	* *	1	$7,900	
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Explanation : Steam Traps Faulty								
Convector/Radiator	40%			2045	* *	1	$8,800	
Air Conditioning								
Energy Source								
Electricity	60%			2040	* *	1		
Electricity	40%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	40%			2041	* *	1	$29,400	
Window/Wall Unit	40%			2027	$103,000	1		
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	50%			2037	* *	2	$23,700	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$22,800	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$15,200	
Exhaust Fans								
Interior	60%			2032	$181,000	2	$1,300	
Interior	40%			2037	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2052	* *	1		
Galvanized Steel	60%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$68,300	2		
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	60%			2037	* *	4	$1,300	
Non-Submersible	40%			2037	* *	4	$900	
Backflow Preventer								
Generic	100%			2037	* *	1	$4,200	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 60%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2052	* *	1-5	$13,700	
Sprinkler								
No Component	55%							
Generic	45%			2042	* *	1-2	$8,600	
Fire Pump								
Generic	100%			2041	* *	1	$12,700	
Chemical System								
Dry	80%			2030	$97,800	1-3	$94,700	
Generic	20%			2027	$24,500	1-3	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S. 97 - BX**
Address : **1375 MACE AVENUE BTWN: FISH AVE., SEYMOUR AVE.**
Borough : **BRONX** | **Agency's Number** : **X097**
Program / Asset # : **BOE0238.000 / 430** | **Yr Built/Renovated** : **1931 / 2014**
Area Sq Ft : **36,000** | **Project Type** : **EDUCATION**
Date of Survey : **14-May-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4474** **Lot** : **1** | **BIN** : **2052739**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$53,600	$72,100
Interior Architecture	$232,300	$4,769,900
Electrical	$54,000	$315,100
Mechanical	$294,800	$650,100
Site Pavements	$154,000	
Total	**$788,700**	**$5,807,300**
Importance Code A	$53,600	$72,100
Importance Code B	$581,100	$5,611,700
Importance Code C	$154,000	$123,500
Total	**$788,700**	**$5,807,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,100	$28,800		
Interior Architecture	$136,800	$1,600	$4,100	$3,300
Electrical	$16,400	$99,800	$700	$600
Mechanical	$49,800	$5,200	$8,200	$5,500
Total	**$225,000**	**$135,400**	**$13,000**	**$9,400**
Importance Code A	$25,600	$32,400	$3,600	$3,600
Importance Code B	$109,900	$103,000	$9,400	$5,900
Importance Code C	$89,500			
Total	**$225,000**	**$135,400**	**$13,000**	**$9,400**

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$72,100	
Masonry: Limestone	10%			LIFE	* *	5	$6,000	
Windows								
Aluminum	100%	Now	$53,600	2046	* *	5	$11,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	5%	Now	$22,100	2050	* *			
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Bulkhead Stair								
Modified Bitumen	95%			2035	* *	10	$28,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$7,200	
Ceramic Tile	3%	Now	$11,100	2039	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 75%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Terrazzo	2%	Now	$6,200	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Lobby								
Vinyl Tile	50%			2035	* *	3	$12,300	
Vinyl Tile 9" X 9"	40%	4+	$232,300	2030	$4,646,500	3	$9,900	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Corridors And Classrooms Throughout 2nd And 3rd Floors								

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DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	2-4	$14,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Ceramic Tile	3%	Now	$12,300	2033	$123,500	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Kitchen And Toilets Throughout								
Masonry: Brick	10%	2-4	$28,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Marble Panels	2%	4+	$5,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	80%	Now	$29,100	LIFE	* *	5	$18,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 205, 207 And Throughout								
Ceilings								
AcousTile,Adhered	5%			2035	* *	5	$3,300	
Exposed Struc: Concrete	20%			LIFE	* *	5	$2,100	
Plaster	75%	Now	$30,000	LIFE	* *	5	$30,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bulkhead Stair								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Bulkhead Stair								
Site Enclosure								
Fence/Gates								
Chain Link	85%			2050	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Rear Yard								
Explanation : Under Construction								
Iron Picket	15%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2043	* *			
Masonry: Granite	50%	0-2	$154,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Entry Steps								
Activity Yard								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2030	$18,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2030	$2,300	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Kitchen								
Fused Disc Sw	10%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$130,000	5	$200	
Raceway								
Conduit	90%			2030	$55,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$5,000	2055	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	80%			2029	$79,800	5	$800	
Molded Case Bkrs	15%			2046	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$54,000	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2050	* *	1		
Thermoplastic	20%			2030	$15,400	1		
Motor Controllers								
Locally Mounted	30%			2043	* *	5	$100	
Locally Mounted	70%			2028	$50,200	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$33,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$4,300	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	20%			2025	$33,600	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Perimeter								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$27,900	1-3	$6,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	35%	4+	$94,800	2035	* *	1	$7,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	65%			2035	* *	1	$7,600	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2028	$122,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	4+	$63,900	2030	$159,700	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%	Now	$7,400	2028	$367,700	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : Basement Main Water Valve								
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement Water Main								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%	4+	$136,000	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	4+	$38,100	LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$800	
Backflow Preventer								
No Component	80%							
Generic	20%			2035	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Back Flow Preventer Serves Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2040	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S. 971 - BK / EARLY CHILDHOOD CENTER**		
Address	: **6214 4TH AVE. @ 62ND ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K971**
Program / Asset #	: **BOE1106.000 / 14562**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **43,087**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Jun-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,Ph**		
Block	: **5799** **Lot** : **38**	**BIN**	: **3143927**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$54,800
Interior Architecture		$76,400
Total		**$131,200**
Importance Code A		$54,800
Importance Code C		$76,400
Total		**$131,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$10,600		$3,400	
Interior Architecture	$74,800			$6,900
Electrical	$43,100	$47,900	$4,300	$2,900
Mechanical	$5,400	$5,600	$22,900	$6,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$141,800**	**$61,400**	**$38,500**	**$23,800**
Importance Code A	$12,800	$2,200	$5,500	$2,100
Importance Code B	$86,100	$59,200	$33,000	$21,700
Importance Code C	$42,900			
Total	**$141,800**	**$61,400**	**$38,500**	**$23,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 971 - BK / EARLY CHILDHOOD CENTER
Asset # : 14562

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	100%			LIFE	* *	5	$54,800	
Windows								
Aluminum	95%			2046	* *	5	$6,800	
Metal Louvers	5%			2039	* *	10	$2,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,900	
Roof								
IRMA/Protected Membrane	100%	Now	$10,600	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Below Rooftop Unit Into 4th Floor Corridor								
Soffits								
Metal Panel	50%			2050	* *	5-10		
Stucco Cement	50%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$7,100	
Ceramic Tile	5%			2039	* *	5	$3,200	
Quarry Tile	5%			2043	* *	5	$4,800	
Vinyl Tile	85%	2-4	$30,300	2035	* *	3	$20,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Around Cafeteria Columns And Kitchen Storage Room								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	25%			2039	* *	5	$48,900	
Concrete Masonry Unit	5%	4+	$18,400	LIFE	* *	5	$3,900	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Stair B At 4th Floor								
Gypsum Board	65%			LIFE	* *	5	$76,400	
Ceilings								
AcousTileSusp.Lay-In	85%			2043	* *	5	$54,800	
Gypsum Board	10%			LIFE	* *	5	$8,100	
Metal Panel	5%			LIFE	* *	5	$4,000	
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Iron Picket	25%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 971 - BK / EARLY CHILDHOOD CENTER
Asset # : 14562

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	70%			2039	* *			
Rubber Matting	30%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2050	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,000	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$37,900	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2035	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$5,200	
Exit, Service	50%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 971 - BK / EARLY CHILDHOOD CENTER
Asset # : 14562

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	80%			2035	* *	10	$100	
HID	20%	Now	$40,200	2040	* *			
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Building Perimeter								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$4,800	
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$26,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Furnace	80%			2035	* *	1	$17,000	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 4 Rooftop Package Units								
Hot Water Boiler	20%			2043	* *	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2046	* *	4	$400	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2043	* *	1	$2,800	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2035	* *	2	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Package Units. Refrigerant R410a.								
Split Unit	5%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 971 - BK / EARLY CHILDHOOD CENTER
Asset # : 14562

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$56,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$24,000	
Exhaust Fans								
Roof	100%			2035	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Explanation : One 300 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$1,700	
Backflow Preventer								
Generic	100%			2035	* *	1	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units, One Not Operating								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$12,100	
Fire Pump								
Generic	100%			2039	* *	1	$8,100	
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I. S. 208 - Q**		
Address	: **74-30 COMMONWEALTH BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q208**
Program / Asset #	: **BOE1041.000 / 13595**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **180,358**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **7870** **Lot** : **70**	**BIN**	: **4529898**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$64,100	$132,300
Interior Architecture	$359,500	$162,600
Electrical		$3,087,100
Mechanical	$95,100	$94,400
Total	**$518,600**	**$3,476,500**
Importance Code A	$64,100	$132,300
Importance Code B	$241,900	$3,344,200
Importance Code C	$212,600	
Total	**$518,600**	**$3,476,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$119,300	$40,200		$6,600
Interior Architecture	$19,100	$68,200	$2,900	$6,700
Electrical	$17,600	$42,500	$18,600	$21,700
Mechanical	$96,500	$84,700	$71,600	$122,000
Site Pavements	$52,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$313,000**	**$243,400**	**$100,900**	**$164,900**
Importance Code A	$137,100	$58,100	$17,900	$24,800
Importance Code B	$151,800	$185,400	$80,200	$140,100
Importance Code C	$24,100		$2,900	
Total	**$313,000**	**$243,400**	**$100,900**	**$164,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	6%	4+	$15,900	LIFE	* *	5	$9,100	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Penthouse								
Masonry: Brick Cavity	81%			LIFE	* *	5	$123,200	
Metal/Glass Curt Wall	5%	Now	$64,100	LIFE	* *	5	$14,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Glass Stairwell								
Metal Coiling Doors	1%			2045	* *	5	$4,800	
Pre-Cast Concrete	7%			LIFE	* *	5	$34,600	
Windows								
Aluminum	90%			2048	* *	5	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Metal Louvers	10%			2041	* *	10	$10,600	
Parapets								
Masonry: Brick Cavity	93%	0-2	$30,200	LIFE	* *	5	$15,000	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Interior And Exterior Parapet Walls								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Interior And Exterior Parapet Walls								
Pre-Cast Concrete	7%			LIFE	* *	5	$7,100	
Roof								
Fiberglass Panel	15%			2041	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fiberglass Canopy Front Entry								
Explanation : Icicles Fall Proximate To Children Play Area From Fiberglass Canopy								
IRMA/Protected Membrane	70%	Now	$45,600	2037	* *			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 1%								
Location : Upper Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 1%								
Location : At Drains								
Metal Panel	15%			2045	* *	10	$37,800	
Soffits								
Exposed Struc: Steel	75%	4+	$27,600	LIFE	* *	5	$32,900	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Structural Support For Fiberglass Canopy								
Metal Panel	25%			2052	* *	5-10	$24,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%	2-4	$19,100	2031	$95,500	3	$8,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	12%	Now	$55,100	LIFE	* *	5	$70,900	
Worn/Eroded, Extent : Moderate, Area Affected : 2%								
Location : Steam Leaks At Vacuum Pump, Condensate Return Deteriorating Slab								
Mosaic Tile	2%			2045	* *	5	$13,500	
Quarry Tile	2%			2045	* *	5	$8,100	
Sheet Vinyl/Rubber	2%			2037	* *	5	$8,100	
Terrazzo	5%			LIFE	* *	5	$10,500	
Vinyl Tile	65%			2037	* *	3	$65,800	
Wood	10%			2060	* *	5	$50,600	
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$5,800	
Concrete Masonry Unit	59%	0-2	$212,600	LIFE	* *	5	$45,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium At Structural Beam Connections								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor From Rooms C3 Through C7, Gymnasium And Library								
Glass: Single Pane	2%			LIFE	* *	5	$2,900	
Gypsum Board	8%			LIFE	* *	5	$9,200	
Masonry: Brick	5%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2045	* *	5	$13,500	
AcousTileConcealSpLn	2%			2045	* *	5	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Suspended Panels								
AcousTileSusp.Lay-In	68%			2045	* *	5	$183,600	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%			2037	* *			
Gypsum Board	5%			LIFE	* *	5	$16,900	
Metal Panel	5%			LIFE	* *	5	$16,900	
Site Enclosure								
Fence/Gates								
Aluminum Picket	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	35%			2045	* *			
Pavers/Stone	65%			2041	* *			

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	99%	Now	$22,800	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot And Access Road								
Pavers/Stone	1%	Now	$1,300	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Activity Yard								
Rubber Matting	15%	Now	$1,200	2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Traffic Topping	85%	Now	$27,400	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Play Area At Entry Courtyard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4000 Amperes.								
Transformers								
Dry Type	100%			2037	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 750 Kilovolt Amperes, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$200	
Molded Case Bkrs	95%			2040	* *	5	$4,500	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$4,400	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$55,500	
Generators								
Diesel	100%			2035	* *	1	$69,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 500 Kilovolt Amperes.								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$40,200	
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2032	$2,419,700	10	$148,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2032	$26,900	10	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
HID	2%			2032	$42,700	10	$100	
LED	7%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2032	$55,500	1		
Exit, Service	50%			2032	$38,900	1		
Exterior Lighting								
LED	20%			2032	$193,300			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2047	* *	5	$1,400	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$101,600	1	$20,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$139,600	1-3	$33,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Toilets, Auditorium, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 7500 Gallons								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$178,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$28,900	2052	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump In The Basement								
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Thermostats, Throughout								
Terminal Devices								
Air Handler	70%			2037	* *	1	$78,100	
Convector/Radiator	20%			2045	* *	1	$11,700	
Unit Heater - Steam	10%			2037	* *	4	$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2037	* *	1	$83,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$13,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$111,500	
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$125,600	
Ventilation								
Distribution								
Ductwork/Diffusers	60%	0-2	$95,100	LIFE	* *	2-5	$60,300	
Not in Service, Extent : Moderate, Area Affected : 60%								
Location : Damper Actuators, Various Locations								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$40,200	
Exhaust Fans								
Interior	90%			2037	* *	2	$5,000	
Roof	10%			2037	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$36,100	4	$5,700	
Sewage Ejector(s)								
Electric	100%			2032	$94,400	4	$10,800	
Backflow Preventer								
Generic	100%			2037	* *	1	$11,000	
Fixtures								
Generic	100%							
Leaking Connections, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From Basement To 4th Floor								
Explanation : Two Units								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$90,900	
Sprinkler								
Generic	100%			2052	* *	1-2	$50,500	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I. S. 89 - M**				
Address	: **201 WARREN STREET @ WEST ST**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M089**
Program / Asset #	: **BOE0962.000 / 4468**			**Yr Built/Renovated**	: **1998 / 2013**
Area Sq Ft	: **95,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,3,5,Ph**				
Block	: **16**	**Lot**	: **220**	**BIN**	: **1085459**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$1,147,300
Interior Architecture		$181,900
Electrical	$137,700	
Mechanical	$581,100	$548,200
Total	**$718,800**	**$1,877,400**
Importance Code A		$1,147,300
Importance Code B	$718,800	$601,400
Importance Code C		$128,700
Total	**$718,800**	**$1,877,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,500			
Interior Architecture	$75,000	$21,700	$15,600	
Electrical	$12,200	$11,100	$14,500	$10,200
Mechanical	$85,800	$62,000	$40,200	$49,000
Site Enclosure	$15,300			
Site Pavements	$5,100			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$217,900**	**$104,600**	**$80,200**	**$69,000**
Importance Code A	$19,200	$4,900	$4,700	$4,700
Importance Code B	$154,900	$78,100	$75,500	$64,300
Importance Code C	$43,800	$21,700		
Total	**$217,900**	**$104,600**	**$80,200**	**$69,000**

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	2%			LIFE	* *	5	$11,300	
Masonry: Brick Cavity	93%			LIFE	* *	5	$168,600	
Granite Panels	3%			LIFE	* *	5	$4,100	
Pre-Cast Concrete	2%			LIFE	* *	5	$11,800	
Windows								
Aluminum	85%			2038	* *	5	$22,800	
Glass Block	15%			LIFE	* *	5	$2,500	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$51,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$35,600	
Roof								
IRMA/Protected Membrane	80%			2030	$927,700	10	$39,200	
IRMA/Protected Membrane	20%	Now	$14,500	2035	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Above Rooms 530 And 532								
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5	$2,600	
Interior								
Floors								
Carpet	5%			2029	$125,500	3	$10,600	
Cast in Place Concrete	10%	4+	$24,100	LIFE	* *	5	$31,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Ceramic Tile	5%			2039	* *	5	$7,100	
Quarry Tile	2%			2043	* *	5	$4,300	
Vinyl Tile	68%			2035	* *	3	$36,200	
Wood	10%			2058	* *	5	$26,600	

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	$22,700	2039	* *	5	$10,300	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : First Floor Adult Restroom								
Concrete Masonry Unit	60%			LIFE	* *	5	$99,000	
Horizontal Cracks, Extent : Light, Area Affected : 10%								
Location : Perimeter Walls								
Concrete Masonry Unit	18%			LIFE	* *	5	$29,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Main Corridors								
Explanation : Premium Material Type								
Glass: Single Pane	5%			LIFE	* *	5	$15,500	
Gypsum Board	5%	2-4	$5,800	LIFE	* *	5	$12,400	
Vertical Cracks, Extent : Light, Area Affected : 1%								
Location : First Floor Adult Restroom								
Operable Wall	3%			2050	* *	5	$43,300	
SGFT/Glazed Masonry	2%			LIFE	* *			
Wood	2%			LIFE	* *	5	$33,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium Walls								
Explanation : Wood Panels								
Ceilings								
AcousTileConcealSpLn	25%			2043	* *	5	$44,300	
AcousTileSusp.Lay-In	30%	Now	$14,200	2043	* *	5	$21,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium And Auditorium								
Exposed Struc: Steel	8%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$53,200	
Metal Panel	5%	0-2	$4,700	LIFE	* *	5	$8,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Plaster	2%			LIFE	* *	5	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Explanation : Stucco								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fence Material Is Painted Galvanized Steel With Peeling Paint								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	10%	Now	$2,200	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : North Wall								
Concrete Masonry Unit	5%			2050	* *			
Masonry: Brick	85%	0-2	$13,200	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : East Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	50%	0-2	$2,800	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : North Sidewalk								
Pavers/Stone	50%			2039	* *			
On-Site Walkways								
Pavers/Stone	100%			2039	* *			
Activity Yard								
Asphalt	75%	2-4	$2,300	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%	Now	$600	2043	* *	5		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Mechanical Penthouse								
Explanation : Voltage Issue Affects Chiller Operation								
Motor Control Center	90%	0-2	$53,200	2043	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Penthouse								
Explanation : Motor Control Center Overheats When Enclosure Is Closed								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pump Room								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$29,200	
Generators								
Diesel	100%			2039	* *	1	$36,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 28th Floor Roof Over Residential Units								
Explanation : Generator Rated At 400 Kilowatts								
Batteries								
Nickel Cadmium	100%	Now	$1,500	2026	$2,500	5	$10,600	
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : 28th Floor Roof Over Residential Units								
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 28th Floor Roof Over Residential Units								
Explanation : 50 Gallon Tank								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : 550 Gallon Tank								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2035	* *	10	$80,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	5%			2035	* *	10	$4,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
HID	2%			2035	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : HID Lighting Observed								
Incandescent	1%			2035	* *	2		
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
Fluorescent	5%			2035	* *	10	$400	
HID	15%			2035	* *	10		
No Component	80%							
Alarm								
Security System								
No Component	60%							
Generic	40%			2035	* *	1	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only, Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2035	* *	1-3	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Bells, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One 7,500 Gallon Tank For No. 2 Fuel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	$47,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$4,200	2046	* *	4	$4,700	
Broken, Extent : Severe, Area Affected : 2%								
Location : Various								
Terminal Devices								
Convector/Radiator	60%			2043	* *	1	$18,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Eastside Corridor Near Custodian Office								
Induction Unit	40%	0-2	$7,000	2039	* *	1	$11,000	
Damaged, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms, Broken Speed Control Selector Switches, Clogged Unit Ventilator Drain Piping								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Spaces								
Explanation : Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%	Now	$581,100	2039	* *	1	$92,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Penthouse, 1 Of 2 Chillers Recently Refurbished, The Other Scheduled To Be Rehabbed In The Near Future.								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Chiller Room								
Explanation : 2 Chillers / R-123 Refrigerant / One Chiller Not Working								
Distribution								
CW & CHW Wtr Pipe/Pump	100%	Now	$30,700	2050	* *	4	$4,700	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Penthouse								
Explanation : One Of Five Pumps Not Working								
Terminal Devices								
Air Handler/Cool/Ht	60%			2035	* *	1	$35,300	
Fan Coil - 4 Pipe	40%			2035	* *	1	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Spaces								
Explanation : Equipment Accounted For Under Heating Section Of This Report								
Heat Rejection								
Water Cooling Tower	100%			2031	$479,900	2	$95,600	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Roof And Equipment Recently Rehabbed								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,000	
Exhaust Fans								
Interior	90%			2035	* *	2	$2,600	
Roof	10%			2035	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$24,400	2050	* *	1		
Damaged, Extent : Severe, Area Affected : 100%								
Location : Defective Compression Tank in Water Meter Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Triplex Booster Pumps								
Water Heater With Tanks								
Gas Fired	100%			2028	$68,300	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th Floor Penthouse Mechanical Room								
Explanation : Two 600 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$47,900	
Sprinkler								
Generic	100%			2050	* *	1-2	$26,600	
Fire Pump								
Generic	100%			2039	* *	1	$17,700	
Chemical System								
No Component	98%							
Generic	2%			2028	$8,200	1-3	$7,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I. S. 176 - M**		
Address	: **4862 BROADWAY @ W.204 ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M176**
Program / Asset #	: **BOE0964.000 / 4478**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **2234** **Lot** : **7**	**BIN**	: **1064900**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$85,800	$1,864,400
Interior Architecture		$98,700
Electrical	$66,200	
Mechanical	$387,700	$3,036,900
Site Pavements		$883,600
Total	**$539,700**	**$5,883,700**
Importance Code A	$85,800	$1,864,400
Importance Code B	$453,900	$4,019,300
Total	**$539,700**	**$5,883,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$93,000	$18,400		
Interior Architecture	$53,900	$8,500		$11,300
Electrical	$12,400	$7,100	$7,700	$7,000
Mechanical	$77,400	$36,800	$58,500	$15,100
Site Pavements	$45,200			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$285,900**	**$74,700**	**$70,200**	**$37,300**
Importance Code A	$120,000	$26,100	$7,500	$7,500
Importance Code B	$163,500	$48,600	$62,700	$29,800
Importance Code C	$2,400			
Total	**$285,900**	**$74,700**	**$70,200**	**$37,300**

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$5,900	
Masonry: Brick	83%			LIFE	* *	5	$393,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$77,000	
Stucco Cement	10%			2043	* *	5	$118,500	
Windows								
Aluminum	95%	Now	$85,800	2046	* *	5	$9,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 402, 404, 410, Library								
Glass Block	5%	Now	$10,300	LIFE	* *	5	$600	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stair C								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair C								
Parapets								
Masonry: Brick Cavity	90%	Now	$36,800	LIFE	* *	5	$3,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout Parapet And Screen Wall								
Metal Rail	5%			2043	* *	5-10	$3,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,300	
Roof								
IRMA/Protected Membrane	75%	0-2	$23,700	2030	$1,186,500			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 5%								
Location : Around Curbs At Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Above 107a, Lower Roof								
Metal Panel	15%			2035	* *	10	$18,400	
Sloped Glazing	10%	0-2	$22,200	LIFE	* *	5	$89,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Soffits								
Stucco Cement	100%			2043	* *	5	$300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$24,700	
Ceramic Tile	3%			2039	* *	5	$3,400	
Quarry Tile	2%			2043	* *	5	$3,400	
Vinyl Tile	80%	4+	$49,900	2035	* *	3	$33,800	
Uneven Substrate, Extent : Light, Area Affected : 10%								
Location : Throughout 4th Floor Corridor								
Wood	5%			2058	* *	5	$10,600	

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$4,800	
Concrete Masonry Unit	30%			LIFE	* *	5	$11,500	
Glass Block	2%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$8,600	
Plaster	13%			LIFE	* *	5	$3,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	5%			LIFE	* *	5	$19,100	
Ceilings								
AcousTile,Adhered	10%			2035	* *	5	$11,300	
AcousTileSusp.Lay-In	5%			2035	* *	5	$5,600	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout 4th Floor								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	70%			LIFE	* *	5	$98,700	
Metal Panel	10%			LIFE	* *	5	$14,100	
Site Enclosure								
Fence/Gates								
Chain Link	90%			2050	* *			
Iron Picket	10%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,700	2043	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 15%								
Location : Main Entrance								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	50%	4+	$40,500	2033	$405,000			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rubber Matting	50%			2030	$478,600			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$23,400	
Generators								
Diesel	100%			2039	* *	1	$29,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : One 250 Kilowatt								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,800	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Penthouse Generator Room								
Explanation : One 40 Gallons								
Main Tank	50%	Now	$1,500	2045	* *	5		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : One 10,000 Gallon Tank Serves Generator And Boiler Has Major Leak And Has Been Decomissioned.								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$66,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2035	* *	10		
Incandescent	2%			2030	$42,100	2		
LED	1%			2035	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Library								
Explanation : LED Observed								
Egress Lighting								
Emergency, Service	50%			2030	$23,400	1		
Exit, Service	50%			2030	$16,400	1		
Exterior Lighting								
HID	20%			2035	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$28,500	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2030	$39,200	1-3	$9,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$104,600	2040	* *	1		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Fuel Oil Pump Seal Damaged								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Vault								
Explanation : 10,000 Gallon Tank For No. 2 Fuel Oil Ruptured.								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	95%			2035	* *	1	$71,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Steam Boiler	5%	Now	$19,900	2050	* *	1	$3,400	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room, Defective Boiler Blower Fan Motors								
Distribution								
Steam Piping/Pump	80%	0-2	$9,700	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Condensate Return Pump Seal Damaged, Leaking.								
Steam Piping/Pump	20%	Now	$73,000	2060	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various								
Terminal Devices								
Air Handler	70%			2030	$1,001,100	1	$32,900	
Convector/Radiator	30%			2035	* *	1	$7,400	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	45%			2028	$557,200	2	$2,100	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Fan Rooms. Throughout								
Explanation : Automatic Dampers Faulty								
Ext Pkg Unit - Heating/Cooling	45%	0-2	$11,500	2030	$574,600	2	$1,700	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Rooftop Units. Throughout								
Explanation : Automatic Dampers Faulty								
Split Unit	10%			2030	$180,500			
Distribution								
Ductwork/Diffusers	90%			LIFE	* *	2	$89,000	
Ductwork/Diffusers	10%	0-2	$200,300	LIFE	* *	2	$9,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Automatic Dampers At Air Handlers								
Heat Rejection								
Air Cooled Condenser Unit	10%			2030	$22,000	2	$5,300	
Dry Cooler	90%			2030	$313,900	2	$47,600	
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	100%			2030	$337,100	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$19,500	2040	* *	1		
Pump(s) Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Domestic Water Pump Seals And Hot Water Recirculation Pump Seal Leaking								
Water Heater With Tanks								
Gas Fired	50%			2025	$8,500	2		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Boiler Room								
Explanation : Two 400 Gallon Hot Water Heaters								
Gas Fired	50%	Now	$200	2030	$8,500	2		
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$15,200	4	$1,600	
Backflow Preventer								
Generic	100%			2035	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$38,300	
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$2,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Basement Areas								
Fire Pump								
Generic	100%			2033	$72,600	1	$14,200	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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DEPARTMENT OF EDUCATION - 040
P. S./I. S. 176 - M
Asset # : 4478

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I. S. 194 - BX**		
Address	: **1301 ZEREGA AVENUE AND 2365 WATERBURY AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X194**
Program / Asset #	: **BOE1029.000 / 13582**	**Yr Built/Renovated**	: **2003 / 2013**
Area Sq Ft	: **163,130**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3834** **Lot** : **70**	**BIN**	: **2103494**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$231,800	$133,000
Interior Architecture	$101,900	$650,700
Electrical		$2,929,800
Mechanical	$371,500	$824,000
Site Pavements	$92,900	
Total	**$798,100**	**$4,537,500**
Importance Code A	$374,000	$133,000
Importance Code B	$424,100	$3,855,600
Importance Code C		$548,800
Total	**$798,100**	**$4,537,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$46,500	$26,500		$4,700
Interior Architecture	$64,800	$34,300	$15,600	$6,100
Electrical	$15,300	$22,900	$16,200	$18,100
Mechanical	$42,300	$93,100	$66,900	$123,600
Site Enclosure	$24,200			
Site Pavements	$26,000			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$230,900**	**$188,700**	**$110,600**	**$164,300**
Importance Code A	$46,500	$42,700	$16,200	$21,200
Importance Code B	$158,400	$146,000	$84,900	$143,100
Importance Code C	$26,000		$9,500	
Total	**$230,900**	**$188,700**	**$110,600**	**$164,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	4+	$231,800	LIFE	* *	5	$133,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classroom 401 And 402								
Pre-Cast Concrete	10%			LIFE	* *	5	$48,000	
Windows								
Aluminum	95%			2048	* *	5	$52,900	
Metal Louvers	5%			2041	* *	10	$17,400	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$19,400	
Metal Rail	10%			2045	* *	5-10	$43,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$15,200	
Roof								
Built-Up (BUR)	75%	4+	$46,500	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 401								
Green, Roof Inaccessible	25%			LIFE	* *			
Soffits								
Cement - Fiber Panel	100%			2037	* *	10	$4,700	
Interior								
Floors								
Carpet	5%	Now	$64,800	2034	* *	3	$18,300	
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$26,700	
Ceramic Tile	5%			2041	* *	5	$12,200	
Terrazzo	5%			LIFE	* *	5	$9,500	
Vinyl Tile	75%			2037	* *	3	$68,700	
Wood	5%			2060	* *	5	$22,900	
Interior Walls								
Ceramic Tile	2%			2041	* *	5	$19,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$38,200	
Folding Partition	5%			2048	* *	5	$119,300	
Gypsum Board	55%			LIFE	* *	5	$315,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	3%			LIFE	* *	5	$114,500	
Ceilings								
AcousTileSusp.Lay-In	85%			2045	* *	5	$203,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$30,000	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2052	* *			
Iron Picket	80%			2067	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	4+	$24,200	2067	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various, Loading Dock								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Retaining Wall								
Explanation : Violation Issued								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Asphalt	60%	4+	$26,000	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Various								
Cast in Place Concrete	40%			2045	* *			
Parking/Driveway								
Asphalt	95%			2041	* *			
Cast in Place Concrete	5%			2045	* *			
Activity Yard								
Asphalt	95%	4+	$92,900	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Various								
Rubber Matting	5%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2042	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2042	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2042	* *	5	$600	
Molded Case Bkrs	10%			2042	* *	5	$400	
Raceway								
Conduit	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$400	
Molded Case Bkrs	90%			2040	* *	5	$3,900	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	20%			2037	* *	5	$200	
Motor Control Center	80%			2037	* *	5	$3,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$50,200	
Generators								
Diesel	100%			2035	* *	1	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 500 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$6,000	
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 60 Gallon Capacity								
Main Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2032	$2,334,500	10	$143,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	$48,600	10	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Light Fixtures								
HID	2%			2032	$38,600	10	$100	
Egress Lighting								
Emergency, Service	60%			2032	$60,300	1		
Exit, Service	40%			2032	$28,100	1		
Exterior Lighting								
HID	20%			2032	$152,200	10	$100	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	10%			2032	$30,600	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2032	$30,600	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2032	$126,200	1-3	$30,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Bell, Horn, Smoke Detector, Strobe Lights Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$142,200	2045	* *	1	$145,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Leaking Piping Around Boiler No. 1								
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room. One Boiler Was Shut Down Due To Leakages.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$229,400	2052	* *	4	$8,000	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Leaking Vacuum Pump								
Terminal Devices								
Air Handler	40%			2037	* *	1	$40,400	
Convector/Radiator	60%			2045	* *	1	$31,600	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2041	* *	1	$176,500	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$12,100	
Heat Rejection								
Water Cooling Tower	100%			2033	$824,000	2	$164,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,000	
Exhaust Fans								
Interior	80%			2037	* *	2	$4,000	
Roof	20%			2037	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$5,200	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$9,700	
Backflow Preventer								
Generic	100%			2037	* *	1	$10,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$82,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$45,700	
Fire Pump								
Generic	100%			2041	* *	1	$30,500	
Chemical System								
No Component	98%							
Generic	2%			2030	$1,600	1-3	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I. S. 217 - M**		
Address	: **645 MAIN ST., ROOSEVELT ISLAND**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M271**
Program / Asset #	: **BOE0985.000 / 4150**	**Yr Built/Renovated**	: **1992 / 2011**
Area Sq Ft	: **95,800**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **1373** **Lot** : **1**	**BIN**	: **1084848**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$147,000	$264,600
Interior Architecture	$207,200	$138,100
Electrical	$143,500	$1,828,000
Mechanical	$6,546,900	$1,116,600
Site Pavements		$87,400
Total	**$7,044,500**	**$3,434,700**
Importance Code A	$704,800	$513,900
Importance Code B	$6,132,600	$2,782,700
Importance Code C	$207,200	$138,100
Total	**$7,044,500**	**$3,434,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$19,500	$76,500		
Interior Architecture	$64,500	$16,000		$9,800
Electrical	$19,800	$34,000	$9,300	$9,900
Mechanical	$118,800	$64,200	$60,500	$28,800
Site Pavements	$22,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$252,400**	**$198,600**	**$77,700**	**$56,300**
Importance Code A	$19,500	$81,000	$5,200	$4,300
Importance Code B	$219,700	$117,600	$72,600	$52,100
Importance Code C	$13,200			
Total	**$252,400**	**$198,600**	**$77,700**	**$56,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$67,000	
Masonry: Brick	60%			LIFE	* *	5	$80,400	
Metal Panel	10%			2050	* *	5-10	$92,100	
Window Wall	20%	Now	$81,400	2050	* *	5	$50,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Main Corridor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Windows								
Aluminum	80%	Now	$12,400	2046	* *	5	$6,500	
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : 3rd And 4th Floor Corridors								
Glass Block	2%	Now	$7,100	LIFE	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stair D								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Stair D								
Glass Block	13%			LIFE	* *	5	$1,300	
Metal Louvers	5%			2039	* *	10	$5,100	
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$14,000	
Metal Panel	10%			2050	* *	5	$8,300	
Metal Rail	20%			2035	* *	5-10	$77,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,800	
Roof								
Modified Bitumen	97%			2035	* *	10	$65,600	
Skylight, Metal/Glass	3%			2050	* *	10	$6,800	
Soffits								
Cast in Place Concrete	40%			LIFE	* *	5	$12,200	
Glass: Special Gauge	60%			LIFE	* *	1		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$12,100	LIFE	* *	5	$15,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Mechanical And Storage Rooms In Basement								
Ceramic Tile	3%	Now	$4,800	2039	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Quarry Tile	2%	Now	$4,200	2043	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Around Grease Trap								
Sheet Vinyl/Rubber	15%			2035	* *	5	$32,100	
Terrazzo	15%			LIFE	* *	5	$16,700	
Vinyl Tile	55%	Now	$43,300	2035	* *	3	$29,400	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Corridors Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Wood	5%			2058	* *	5	$13,400	
Interior Walls								
Cast in Place Concrete	15%	Now	$207,200	LIFE	* *			
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Mechanical And Storage Rooms In Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Mechanical And Storage Rooms In Basement								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,300	
Gypsum Board	30%			LIFE	* *	5	$65,400	
Masonry: Brick	20%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$72,700	
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$13,200	
Exposed Struc: Concrete	70%			LIFE	* *	5	$14,400	
Gypsum Board	10%			LIFE	* *	5	$16,500	
Metal Panel	5%			LIFE	* *	5	$8,200	
Plaster	5%			LIFE	* *	5	$4,100	
Site Enclosure								
Fence/Gates								
Exposed Struc: Steel	100%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Pavers/Stone	100%			2039	* *			
On-Site Walkways								
Cast in Place Concrete	10%			2043	* *			
Pavers/Stone	90%			2039	* *			
Parking/Driveway								
Pavers/Stone	100%	0-2	$13,200	2039	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 15%								
Location : North Side Location Of Old Fuel Tank								
Activity Yard								
Asphalt	80%	0-2	$8,700	2033	$87,400			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Play Yard								
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 4,000 Amperes								
Transformers								
Dry Type	100%			2035	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 750 Kilo-Volt-Ampere, 460/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$400	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5	$100	
Molded Case Bkrs	95%			2038	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	10%			2035	* *	5	$100	
Motor Control Center	90%			2035	* *	5	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$29,500	
Generators								
Diesel	100%	Now	$69,300	2033	$138,700	1	$33,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room, 2nd Floor								
Explanation : Rated At 175 Kilowatts. It Is Not Operational Because The Oil Tank Was Removed.								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,500	
Fuel Storage								
Day Tank	25%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallon Capacity								
Main Tank	75%	Now	$11,500	2070	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Oil Tank Was Removed. Generator Is Not Operational Because Oil Tank Was Removed.								
Lighting								
Interior Lighting								
Fluorescent	60%			2030	$856,800	10	$52,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	$142,800	10	$8,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fluorescent	16%			2035	* *	10	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Principal Office, Conference Room								
Explanation : T-8 Lighting Fixtures Installed In 2018.								
Fluorescent	10%			2035	* *	10	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Library, Auditorium								
Explanation : T-5 Lighting Fixtures Installed About 5 Years Ago.								
HID	2%			2030	$22,700	10	$100	
Incandescent	2%			2030	$53,100	2		

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2030	$29,500	1		
Exit, Service	40%			2030	$16,500	1		
Exit, Service	10%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs								
Explanation : New Exit Fixtures In School To Be Installed.								
Exterior Lighting								
HID	100%			2030	$447,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$54,000	1	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$74,100	2030	$74,100	1-3	$16,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Explanation : Two Pull Stations Do Not Work. Fire Alarm Need To Be Repaired.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Hot Water Boiler	45%	Now	$183,200	2035	* *	1	$19,200	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Second Floor Mechanical Equipment Room								
Explanation : Two Electric Hot Water Boilers								
Hot Water Boiler	45%	Now	$274,800	2050	* *	1	$19,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Cracked, Extent : Severe, Area Affected : 100%								
Location : Boiler								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Radiant Heater	10%	Now	$99,700	2030	$249,300	2	$3,600	
Broken, Extent : Severe, Area Affected : 40%								
Location : Hallway On 1st And 2nd Floors								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	90%	Now	$9,400	2038	* *	4	$4,300	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Valves Failing								
No Component	10%							
Terminal Devices								
Air Handler	60%			2025	$1,081,700	1	$35,500	
Fan Coil Unit/Heat	40%			2025	$950,100	1	$12,400	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%	2-4	$1,172,000	2045	* *	1	$93,300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Mechanical Equipment Room								
Explanation : 350 Tons - Beyond Its Useful Life								
Distribution								
CW & CHW Wtr Pipe/Pump	100%	Now	$31,000	2030	$154,900	4	$4,700	
Broken, Extent : Severe, Area Affected : 30%								
Location : 2 Of 3 Dual Temperature Pumps On 1st Floor Mechanical Room								
Terminal Devices								
Air Handler/Cool/Ht	60%			2025	$1,115,300	1	$35,500	
Fan Coil - 4 Pipe	40%			2025	$1,457,600	1	$12,400	
Heat Rejection								
Water Cooling Tower	100%			2028	$483,900	2	$96,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,400	
Exhaust Fans								
Interior	50%			2025	$212,400	2	$1,500	
Roof	50%	Now	$37,200	2030	$92,900	2	$1,200	
Broken, Extent : Severe, Area Affected : 40%								
Location : Upper Roof And Lower Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$85,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor Mechanical Equipment Room								
Explanation : One Unit Operational And One Unit Abandoned In Place								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$7,700	2030	$19,200	4	$2,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2030	$50,200	4	$3,800	
Backflow Preventer								
Generic	100%			2030	$42,800	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$48,300	
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Stage								
Explanation : Stage Is A Deluge System								
Chemical System								
No Component	95%							
Generic	5%			2025	$21,200	1-3	$19,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : System Is Original To The Building								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I. S. 218 - BX**		
Address	: **1220 GERARD AVE. @E. 167 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X235**
Program / Asset #	: **BOE1007.000 / 4514**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **125,458**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **2480** **Lot** : **8**	**BIN**	: **2097130**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$345,600	$250,400
Interior Architecture	$379,300	
Electrical	$93,500	$103,600
Mechanical	$439,500	$9,817,500
Site Pavements	$352,600	
Total	**$1,610,500**	**$10,171,500**
Importance Code A	$345,600	$250,400
Importance Code B	$1,067,200	$9,921,000
Importance Code C	$197,800	
Total	**$1,610,500**	**$10,171,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$59,500		$1,100	
Interior Architecture	$172,800		$87,400	$21,600
Electrical	$56,700	$20,400	$20,900	$25,200
Mechanical	$121,700	$69,200	$64,300	$84,600
Site Enclosure	$28,300			
Site Pavements	$21,700			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$472,400**	**$101,400**	**$185,500**	**$143,300**
Importance Code A	$75,500	$2,500	$3,600	$2,500
Importance Code B	$306,700	$99,000	$181,900	$135,600
Importance Code C	$90,200			$5,200
Total	**$472,400**	**$101,400**	**$185,500**	**$143,300**

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 218 - BX

Asset # : 4514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%	4+	$14,900	LIFE	* *	5	$4,600	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 1%								
Location : Damage Units - Puncture Impact Holes								
Masonry: Brick	80%			LIFE	* *	5	$234,700	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	15%	4+	$79,800	LIFE	* *	5	$71,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Impact And Cracking Damage - Base Of Wall - Gerard Avenue								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$23,600	
Parapets								
Masonry: Brick	58%			LIFE	* *	5-10	$32,400	
Metal Rail	32%	2-4	$87,700	2053	* *	5	$18,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$10,300	
Roof								
Built-Up (BUR)	65%			2038	* *	10	$61,600	
Metal Panel	35%			2046	* *	10	$60,800	
Soffits								
Stucco Cement	100%			2046	* *	5	$2,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$41,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	10%	4+	$21,200	2046	* *	5	$9,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Computer Laboratory								
Quarry Tile	5%			2046	* *	5	$14,100	
Terrazzo	5%			LIFE	* *	5	$14,700	
Vinyl Tile	70%	Now	$181,600	2038	* *	3	$49,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : By Cafeteria Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : By Cafeteria Bathrooms								
Wood	5%			2061	* *	5	$17,600	

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 218 - BX

Asset # : 4514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$10,400	
Concrete Masonry Unit	30%	Now	$117,500	LIFE	* *	5	$25,000	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Corridor								
Glass Block	5%			LIFE	* *	10	$4,200	
Gypsum Board	35%			LIFE	* *	5-10	$124,000	
Masonry: Brick	5%			LIFE	* *	10	$3,100	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$15,600	
Wood	5%			LIFE	* *	5	$83,400	
Ceilings								
AcousTileConcealSpLn	25%			2046	* *	5	$58,700	
AcousTileSusp.Lay-In	45%			2046	* *	5	$84,500	
Exposed Struc: Steel	10%			LIFE	* *	10	$37,600	
Gypsum Board	15%	4+	$9,900	LIFE	* *	5	$35,200	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : At Stair Towers								
Metal Panel	5%			LIFE	* *	5	$23,500	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	10%	Now	$800	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Walton Avenue Pier Caps								
Masonry: Brick	90%	Now	$12,200	2053	* *			
Loose Units, Extent : Moderate, Area Affected : 2%								
Location : Walton Avenue Fence Piers								
Retaining Walls								
Cast in Place Concrete	100%	4+	$15,300	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gerard Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,100	2046	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : Gerard Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$12,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Walton Avenue Corner Entrance								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 218 - BX

Asset # : 4514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	Now	$352,600	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 90%								
Location : Activity Yard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 90%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	4+	$5,100	2053	* *	5	$300	
Mech. Misoperation, Extent : Moderate, Area Affected : 70%								
Location : Air Purifiers And Smartboards Exceed Electrical Capacity In Classrooms								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Multiple Main Services Rated At 2,500, 2,000 And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	30%			2049	* *	5	$900	
Molded Case Bkrs	70%			2049	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$38,600	
Generators								
Diesel	100%			2042	* *	1	$48,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Generator Room								
Explanation : 300 Kilowatts Genset								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 218 - BX

Asset # : 4514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,600	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$103,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	5%	Now	$93,500	2043	* *			
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
HID	10%			2038	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$46,900	
Fire/Smoke Detection								
Generic, Analog	100%	Now	$32,400	2038	* *	1-3	$70,300	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Pull Stations On Basement Level Failed								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Oil Tank Capacity 5,000 Gallons. Oil No.2								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 218 - BX

Asset # : 4514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Shell & Tube	80%			2036	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 2 Units.								
Steam Boiler	20%	0-2	$10,900	2038	* *	1	$22,400	
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Boiler Chemical Feed Not Operating Automatically.								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Gauges.								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	80%	Now	$4,400	2041	* *	4	$4,900	
Broken, Extent : Severe, Area Affected : 60%								
Location : Starters For Pumps P-3 And P-4.								
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Pump P-2								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 4 Pumps For Dual Temperature Use								
Steam Piping/Pump	20%			2043	* *			
Terminal Devices								
Convector/Radiator	60%			2038	* *	1	$24,300	
Fan Coil Unit/Heat	40%	Now	$248,800	2033	$1,244,200	1	$14,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Classrooms								
Explanation : Univents Used For Heating And Cooling.								
Controls								
Pneumatic	100%	0-2	$121,200	2031	$2,424,700			
Broken, Extent : Severe, Area Affected : 50%								
Location : Valves At Radiators And Univent								
Leaking, Extent : Moderate, Area Affected : 50%								
Location : Air Leakage At Radiators And Univents								
Maintenance Required, Extent : Moderate, Area Affected : 100%								
Location : Radiators And Univents								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 218 - BX

Asset # : 4514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	75%	Now	$69,400	2033	$1,388,200	1	$39,300	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Make Up Water Pump Operated Manually. Penthouse								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 3 Units.								
Reciprocating Compr/Chiller	15%			2033	$277,600	1	$8,700	
Ext Pkg Unit - Heating/Cooling	5%			2033	$105,400	2	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit								
Split Unit	5%			2033	$149,000			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Elevator Machine Rooms And Main Distribution Frame Room								
Explanation : 4 Units								
Distribution								
CW & CHW Wtr Pipe/Pump	70%			2043	* *	4	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 4 Dual Purpose Pumps. See Heating.								
Ductwork/Diffusers	30%			LIFE	* *	2	$61,200	
Terminal Devices								
Air Handler/Cool/Ht	60%			2033	$1,460,600	1	$46,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse, Basement And Mechanical Room Above Auditorium								
Explanation : 7 Units								
Fan Coil - 2 Pipe	40%			2033	$1,530,900	1	$16,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Classrooms								
Explanation : See Heating								
Heat Rejection								
Dry Cooler	100%			2033	$575,700	2	$87,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$110,800	
Exhaust Fans								
Roof	100%			2033	$243,400	2	$3,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 218 - BX

Asset # : 4514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$25,100	4	$4,000	
Sewage Ejector(s)								
Electric	100%			2033	$65,700	4	$7,500	
Backflow Preventer								
Generic	100%			2033	$56,000	1	$7,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 70%								
Location : Basement To 4th Floor								
Explanation : Two Units								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Basement To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$63,300	
Sprinkler								
Generic	100%			2043	* *	1-2	$35,100	
Fire Pump								
Generic	100%			2036	* *	1	$23,400	
Chemical System								
Generic	100%			2028	$244,800	1-3	$242,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 60 Square-foot Hood								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I. S. 266 - Q**		
Address	: **74-10 COMMONWEALTH BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q266**
Program / Asset #	: **BOE1035.000 / 13588**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **180,358**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **7870** **Lot** : **74**	**BIN**	: **4529900**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$64,100	$132,300
Interior Architecture	$359,500	$515,900
Electrical		$3,036,500
Mechanical		$94,400
Total	**$423,500**	**$3,779,100**
Importance Code A	$64,100	$132,300
Importance Code B	$146,900	$3,646,800
Importance Code C	$212,600	
Total	**$423,500**	**$3,779,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$108,400	$35,700		$5,300
Interior Architecture	$16,300	$64,800	$2,900	$6,700
Electrical	$17,600	$42,500	$18,600	$21,600
Mechanical	$106,300	$86,400	$71,900	$105,200
Site Pavements	$85,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$341,400**	**$237,300**	**$101,200**	**$146,800**
Importance Code A	$126,300	$53,500	$17,900	$23,500
Importance Code B	$177,400	$183,800	$80,500	$123,200
Importance Code C	$37,800		$2,900	
Total	**$341,400**	**$237,300**	**$101,200**	**$146,800**

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	6%	4+	$15,900	LIFE	* *	5	$9,100	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Penthouse								
Masonry: Brick Cavity	81%			LIFE	* *	5	$123,200	
Metal/Glass Curt Wall	5%	Now	$64,100	LIFE	* *	5	$14,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Glass Stairwell								
Metal Coiling Doors	1%			2045	* *	5	$4,800	
Pre-Cast Concrete	7%			LIFE	* *	5	$34,600	
Windows								
Aluminum	90%			2048	* *	5	$15,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Metal Louvers	10%			2041	* *	10	$10,600	
Parapets								
Masonry: Brick Cavity	93%	0-2	$30,200	LIFE	* *	5	$15,000	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Interior And Exterior Parapet Walls								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Interior And Exterior Parapet Walls								
Pre-Cast Concrete	7%			LIFE	* *	5	$7,100	
Roof								
Fiberglass Panel	15%			2041	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fiberglass Canopy Front Entry								
Explanation : Icicles Fall Proximate To Children Play Area From Fiberglass Canopy								
IRMA/Protected Membrane	70%	Now	$40,100	2037	* *			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 2%								
Location : Upper Roof								
Vegetation Growth, Extent : Light, Area Affected : 1%								
Location : Upper Roof								
Metal Panel	15%			2045	* *	10	$33,300	
Soffits								
Exposed Struc: Steel	75%	4+	$22,200	LIFE	* *	5	$26,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Structural Support For Fiberglass Canopy								
Metal Panel	25%			2052	* *	5-10	$19,400	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%	2-4	$9,500	2031	$95,500	3	$8,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Library								
Cast in Place Concrete	12%	Now	$55,100	LIFE	* *	5	$70,900	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Stairs								
Mosaic Tile	2%			2045	* *	5	$13,500	
Quarry Tile	2%			2045	* *	5	$8,100	
Sheet Vinyl/Rubber	2%			2032	$353,200	5	$8,100	
Terrazzo	5%			LIFE	* *	5	$10,500	
Vinyl Tile	65%			2037	* *	3	$65,800	
Wood	10%			2060	* *	5	$50,600	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%			2041	* *	5	$5,800	
Concrete Masonry Unit	59%	Now	$212,600	LIFE	* *	5	$45,200	
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Glass: Single Pane	2%			LIFE	* *	5	$2,900	
Gypsum Board	8%			LIFE	* *	5	$9,200	
Masonry: Brick	5%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2045	* *	5	$13,500	
AcousTileConcealSpLn	2%	4+	$2,000	2045	* *	5	$3,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Rooms 302 And 340								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Suspended Panels								
AcousTileSusp.Lay-In	68%			2045	* *	5	$183,600	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%			2037	* *			
Gypsum Board	5%	Now	$4,700	LIFE	* *	5	$16,900	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Auditorium								
Metal Panel	5%			LIFE	* *	5	$16,900	
Site Enclosure								
Fence/Gates								
Aluminum Picket	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	35%			2045	* *			
Pavers/Stone	65%			2041	* *			
Parking/Driveway								
Asphalt	34%	0-2	$3,300	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Various Locations Throughout								
Pavers/Stone	66%	Now	$34,500	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Activity Yard								
Rubber Matting	15%	Now	$1,300	2037	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Playground								
Traffic Topping	85%	Now	$45,900	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Throughout Play Area At Entry Courtyard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3000 Amperes.								
Transformers								
Dry Type	100%			2037	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 750 Kilovolt Amperes, 480/208/120 Volts, 150 Kilovolt Amperes, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Vertical Sections								
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$200	
Molded Case Bkrs	95%			2040	* *	5	$4,500	
Wiring								
Thermoplastic	100%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$4,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$55,500	
Generators								
Diesel	100%			2035	* *	1	$69,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 500 Kilovolt Amperes.								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$40,200	
Fuel Storage								
Day Tank	50%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2032	$2,554,100	10	$157,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2032	$26,900	10	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
HID	2%			2032	$42,700	10	$100	
LED	2%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2032	$55,500	1		
Exit, Service	50%			2032	$38,900	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2047	* *	5	$1,300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$101,600	1	$20,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$139,600	1-3	$33,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement, Toilets, Auditorium, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 7500 Gallon Each.								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$178,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$28,900	2052	* *			
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	70%			2037	* *	1	$78,100	
Convector/Radiator	25%			2045	* *	1	$14,600	
Unit Heater - Steam	5%			2037	* *	4	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	10%	0-2	$5,300	2037	* *	1	$7,500	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : No.1 Unit Control Board								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
Reciprocating Compr/Chiller	90%			2037	* *	1	$75,300	
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	* *	4	$13,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$111,500	
Heat Rejection								
Air Cooled Condenser Unit	100%			2037	* *	2	$125,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,600	
Exhaust Fans								
Interior	90%			2037	* *	2	$5,000	
Roof	10%			2037	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	15%	0-2	$6,900	2052	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 20%								
Location : Basement Sprinkler Room								
Brass/Copper	85%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$5,700	
Sewage Ejector(s)								
Electric	100%			2032	$94,400	4	$10,800	
Backflow Preventer								
Generic	100%			2037	* *	1	$11,000	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From Basement To 4th Floor								
Explanation : 2 Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$90,900	
Sprinkler								
Generic	100%			2052	* *	1-2	$50,500	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I. S. 270 - Q**		
Address	: **233-15 MERRICK BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q270**
Program / Asset #	: **BOE1037.000 / 13590**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **87,428**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **12973** **Lot** : **1**	**BIN**	: **4529511**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$55,700	$154,300
Interior Architecture	$253,500	$51,000
Electrical	$77,000	
Mechanical		$464,900
Total	**$386,200**	**$670,200**
Importance Code A	$55,700	$154,300
Importance Code B	$190,900	$515,900
Importance Code C	$139,500	
Total	**$386,200**	**$670,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,100	$25,900		$2,900
Interior Architecture	$32,200	$16,500	$17,700	$1,300
Electrical	$8,500	$9,300	$8,500	$21,200
Mechanical	$82,300	$31,100	$48,000	$40,100
Site Enclosure	$4,600			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$180,600**	**$90,800**	**$82,100**	**$73,300**
Importance Code A	$53,700	$34,500	$8,700	$11,700
Importance Code B	$122,300	$56,200	$62,300	$61,600
Importance Code C	$4,600		$11,100	
Total	**$180,600**	**$90,800**	**$82,100**	**$73,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	$24,800	LIFE	* *	5	$48,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Base Of Building								
Masonry: Brick	75%			LIFE	* *	5	$93,500	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$11,700	
Pre-Cast Concrete	15%			LIFE	* *	5	$60,800	
Windows								
Aluminum	98%			2048	* *	5	$18,400	
Metal Louvers	2%	Now	$400	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Penthouse Chiller								
Parapets								
Masonry: Brick	14%	Now	$55,700	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Inner Face								
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Inner And Outer Parapet								
Masonry: Brick	66%			LIFE	* *	5	$10,400	
Metal Rail	15%			2045	* *	5-10	$42,600	
Pre-Cast Concrete	5%	0-2	$1,300	LIFE	* *	5	$4,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Parapet Coping								
Roof								
Built-Up (BUR)	75%	2-4	$10,100	2037	* *			
Blisters, Extent : Light, Area Affected : 2%								
Location : Upper Roof								
Ponding, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Metal Panel	20%	Now	$8,400	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Single Ply Membrane	5%			2037	* *	10	$2,900	
Soffits								
Metal Panel	100%			2052	* *	5-10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%	Now	$9,300	2031	$46,300	3	$3,900	
Wrinkling, Extent : Moderate, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$28,600	
Ceramic Tile	10%			2041	* *	5	$13,100	
Quarry Tile	6%			2045	* *	5	$11,800	
Sheet Vinyl/Rubber	2%	Now	$3,400	2037	* *	5	$2,000	
Adhesion Failure, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Seams Open/Split, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Vinyl Tile	65%			2037	* *	3	$31,900	
Wood	5%	Now	$19,500	2060	* *	5	$6,100	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	15%			2041	* *	5	$22,300	
Concrete Masonry Unit	50%	Now	$139,500	LIFE	* *	5	$29,700	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Gypsum Board	10%			LIFE	* *	5	$8,900	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	78%			2045	* *	5	$102,100	
Exposed Struc: Steel	10%	Now	$62,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Gypsum Board	10%			LIFE	* *	5	$16,400	
Metal Panel	2%			LIFE	* *	5	$3,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Wall								
Explanation : Iron Fence Installed On Top Of Perimeter Wall								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	65%	Now	$4,600	2082	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Top Of Perimeter Wall								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Interior Face Of Perimeter Wall								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Top Of Perimeter Wall								
Concrete Masonry Unit	35%			2052	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Face Of Perimeter Wall								
Explanation : Cast Stone Material								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	75%			2045	* *			
Pavers/Stone	25%			2041	* *			
On-Site Walkways								
Cast in Place Concrete	80%			2045	* *			
Panel/Paver: Cer/Brk	20%			2048	* *	5		
Activity Yard								
Rubber Matting	25%			2037	* *			
Traffic Topping	75%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2052	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2500 Amperes								
Fused Disc Sw	15%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 600 Amperes.								
Fused Disc Sw	25%			2052	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Molded Case Bkrs	90%			2048	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$26,900	
Generators								
Diesel	100%			2041	* *	1	$33,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Nickel Cadmium	100%			2027	$2,500	5	$19,500	
Fuel Storage								
Day Tank	20%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 60 Gallons Rated Capacity								
Main Tank	80%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	94%			2037	* *	10	$75,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2037	* *	10	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lights								
HID	2%			2037	* *	10	$100	
LED	2%			2037	* *			
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, Service	50%			2037	* *	1		
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2060	* *	5	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$9,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$16,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$86,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	15%	0-2	$31,500	2052	* *			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control Panel And Air Compressor, Penthouse								
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : And Thermostats, Various Locations								
Steam Piping/Pump	85%			2052	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	60%			2037	* *	1	$32,400	
Convector/Radiator	5%	Now	$1,800	2037	* *	1	$1,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Control Valves, Various Locations.								
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Library								
Convector/Radiator	35%			2037	* *	1	$9,900	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2037	* *	1	$36,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Sets, Penthouse								
Split Unit	5%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : R-410a								
Split Unit	5%			2032	$103,800			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	90%			2052	* *	4	$5,800	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	90%			2037	* *	1	$48,700	
Fan Coil - 2 Pipe	10%			2037	* *	1	$2,800	
Heat Rejection								
Air Cooled Condenser Unit	10%			2032	$25,300	2	$6,100	
Dry Cooler	90%			2032	$361,100	2	$54,800	
Ventilation								
Distribution								
Ductwork/Diffusers	5%	Now	$3,800	LIFE	* *	2-5	$2,400	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Chimney Cap, Roof								
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : Actuater, Penthouse								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$46,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	85%			2037	* *	2	$2,300	
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Penthouse								
Explanation : Units With Mechanical Defects.								
Roof	15%	0-2	$1,300	2032	$25,400	2	$300	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$17,500	4	$2,800	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$5,200	
Backflow Preventer								
Generic	100%			2037	* *	1	$5,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To Penthouse								
Explanation : 2 Units. Vibrating From 4th Floor To Penthouse.								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$44,100	
Sprinkler								
Generic	100%			2052	* *	1-2	$24,500	
Fire Pump								
Generic	100%			2035	* *	1	$16,300	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P. S./I.S. 187 - M**
Address : **349 CABRINI BOULEVARD @ W.187 ST.**
Borough : **MANHATTAN**
Agency's Number : **M187**
Program / Asset # : **BOE0110.000 / 1634**
Yr Built/Renovated : **1930 / 2004**
Area Sq Ft : **67,000**
Project Type : **EDUCATION**
Date of Survey : **13-May-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2179** **Lot** : **365** **BIN** : **1064371**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$388,000	$81,700
Interior Architecture	$236,200	$118,400
Electrical	$232,700	$356,000
Mechanical	$85,400	$3,839,300
Site Pavements		$107,500
Total	**$942,300**	**$4,503,000**
Importance Code A	$388,000	$81,700
Importance Code B	$476,300	$4,421,200
Importance Code C	$78,000	
Total	**$942,300**	**$4,503,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$142,600			
Interior Architecture	$133,500		$33,000	
Electrical	$3,500	$6,300	$6,500	$8,200
Mechanical	$37,000	$11,100	$15,300	$11,100
Site Enclosure	$31,700			
Site Pavements	$33,300			
Total	**$381,600**	**$17,400**	**$54,800**	**$19,300**
Importance Code A	$149,300	$6,600	$6,600	$6,600
Importance Code B	$106,600	$10,700	$48,200	$12,700
Importance Code C	$125,700			
Total	**$381,600**	**$17,400**	**$54,800**	**$19,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$69,400	
Masonry: Brick	92%	2-4	$336,600	LIFE	* *	5	$81,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Building Corners								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : North Wall								
Masonry: Limestone	3%	2-4	$10,500	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$51,400	2049	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$27,000	
Masonry: Brick	90%			LIFE	* *	5-10	$58,500	
Roof								
Built-Up (BUR)	95%	Now	$27,900	2038	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2048	* *	10	$6,300	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$130,900	
Ceramic Tile	5%	2-4	$14,100	2042	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Bathrooms								
Quarry Tile	5%			2046	* *	5	$7,500	
Sheet Vinyl/Rubber	3%			2038	* *	5	$4,500	
Terrazzo	4%	0-2	$18,600	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Vinyl Tile	25%			2038	* *	3	$9,300	
Wood	28%			2061	* *	5	$52,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$29,200	
Ceramic Tile	5%	0-2	$16,000	2036	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,700	
Gypsum Board	10%			LIFE	* *	5-10	$19,800	
Masonry: Brick	10%			LIFE	* *	10	$3,500	
Marble Panels	5%	0-2	$20,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Plaster	55%	2-4	$78,000	LIFE	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$18,700	
Plaster	85%			LIFE	* *	5-10	$145,700	
Site Enclosure								
Fence/Gates								
Chain Link	50%	2-4	$28,100	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Play Yard								
Iron Picket	50%			2053	* *			
Retaining Walls								
Cast in Place Concrete	25%			2068	* *			
Masonry: Brick	1%	Now	$3,700	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Fieldstone	74%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	60%	0-2	$11,400	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Cast in Place Concrete	30%	Now	$1,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Rubber Matting	10%			2033	$107,500			
Traffic Topping	90%	2-4	$20,100	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	20%			2043	* *	1		
Conduit	80%			2033	$115,700	1		
Panelboards								
Molded Case Bkrs	20%			2041	* *	5	$400	
Molded Case Bkrs	80%			2032	$143,700	5	$1,400	
Wiring								
Braided Cloth	30%	2-4	$59,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	70%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$300	
Locally Mounted	30%			2031	$35,800	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	99%			2038	* *	10	$60,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	20%			2038	* *	1		
Emergency, Battery	30%			2033	$33,700	10	$4,900	
Exit, Service	40%			2028	$11,600	1		
Exit, Battery	10%			2033	$9,500	10	$500	

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DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$25,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside Perimeter								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$172,800	2043	* *	1-3	$37,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$66,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$2,700	2033	$53,700			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Piping/Pump	90%			2033	$482,900			
Terminal Devices								
Air Handler	25%			2028	$315,200	1	$10,400	
Convector/Radiator	50%			2031	$273,900	1	$10,800	
Fan Coil Unit/Heat	25%			2028	$415,300	1	$5,400	
Controls								
Pneumatic	100%			2031	$1,294,900			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	15%			2033	$238,700			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Auditorium And Cafeteria								
Explanation : Serving Auditorium And Cafeteria								
Window/Wall Unit	60%			2028	$152,300	1		
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2033	$229,900	1	$3,300	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2033	$21,800	2	$7,000	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,200	
Exhaust Fans								
Interior	100%			2028	$297,200	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$1,700	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Booster Pump, Basement								
Brass/Copper	90%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$85,400	2033	$85,400	2		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Top Of The Unit, Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$13,400	4	$2,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	$27,800	1-2	$600	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./I.S. 395 - BK (FORMER K109)**		
Address	: **1001 EAST 45TH STREET @FARRAGUT ROAD**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K395**
Program / Asset #	: **BOE1032.000 / 13585**	**Yr Built/Renovated**	: **2004 /**
Area Sq Ft	: **137,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **5022** **Lot** : **2**	**BIN**	: **3114526**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$158,600	$162,600
Interior Architecture	$253,000	$275,900
Electrical	$123,600	$128,300
Mechanical		$865,000
Total	**$535,100**	**$1,431,800**
Importance Code A	$158,600	$162,600
Importance Code B	$317,000	$1,126,700
Importance Code C	$59,600	$142,500
Total	**$535,100**	**$1,431,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$11,300	$48,800		$44,100
Interior Architecture	$31,800	$18,100	$10,100	$17,000
Electrical	$19,900	$40,300	$18,800	$19,500
Mechanical	$157,400	$56,200	$93,900	$72,500
Site Enclosure	$2,800			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$233,100**	**$173,300**	**$132,600**	**$162,900**
Importance Code A	$24,900	$62,400	$13,600	$58,000
Importance Code B	$205,400	$110,900	$113,100	$104,900
Importance Code C	$2,800		$5,900	
Total	**$233,100**	**$173,300**	**$132,600**	**$162,900**

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DEPARTMENT OF EDUCATION - 040
P. S./I.S. 395 - BK (FORMER K109)
Asset # : 13585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$2,400	
Masonry: Brick Cavity	78%			LIFE	* *	5	$152,800	
Masonry: Brick Cavity	5%	Now	$85,300	LIFE	* *	5	$9,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Penthouse Walls								
Efflorescence, Extent : Moderate, Area Affected : 50%								
Location : Penthouse								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Penthouse. Fresh Air Intakes								
Metal Panel	5%			2052	* *	5-10	$67,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$19,100	
Window Wall	7%			2052	* *	5	$51,400	
Windows								
Aluminum	27%	4+	$7,600	2048	* *	5	$4,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Staff Dining, Room 237 And 338								
Aluminum	68%			2048	* *	5	$20,100	
Metal Louvers	5%	Now	$1,600	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Parapets								
Masonry: Brick Cavity	92%			LIFE	* *	5	$19,100	
Metal Rail	3%	0-2	$2,100	2045	* *	5	$4,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	
Roof								
Built-Up (BUR)	55%			2037	* *	10	$73,200	
Metal Panel	20%			2045	* *	10	$48,800	
Modified Bitumen	25%			2040	* *	10	$33,300	
Interior								

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DEPARTMENT OF EDUCATION - 040
P. S./I.S. 395 - BK (FORMER K109)
Asset # : 13585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	Now	$52,500	LIFE	* *	5	$67,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Near Room 330								
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Basement Corridors. Mechanical Rooms								
Ceramic Tile	4%			2041	* *	5	$8,200	
Quarry Tile	3%			2045	* *	5	$9,300	
Sheet Vinyl/Rubber	3%	Now	$20,200	2037	* *	5	$4,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Science Laboratory								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Science Laboratory								
Terrazzo	2%			LIFE	* *	5	$3,200	
Vinyl Tile	66%	Now	$75,000	2037	* *	3	$50,900	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Staff Lounge								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Entrance, First Floor Corridor, Rooms 235 And 237								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Entrance, First Floor Corridor, Rooms 235 And 237								
Wood	7%			2060	* *	5	$27,000	
Interior Walls								
Cast in Place Concrete	6%			LIFE	* *			
Ceramic Tile	3%			2041	* *	5	$11,900	
Concrete Masonry Unit	8%	Now	$59,600	LIFE	* *	5	$12,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Booster Pump								
Concrete Masonry Unit	32%			LIFE	* *	5	$50,700	
Folding Partition	2%			2048	* *	5	$19,800	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Rolling Curtain								
Glass: Single Pane	4%			LIFE	* *	5	$11,900	
Gypsum Board	5%			LIFE	* *	5	$11,900	
SGFT/Glazed Masonry	35%			LIFE	* *			
Wood	5%			LIFE	* *	5	$79,200	

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DEPARTMENT OF EDUCATION - 040
P. S./I.S. 395 - BK (FORMER K109)
Asset # : 13585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	17%	2-4	$11,600	2045	* *	5	$17,500	
Staining/Discoloring, Extent : Light, Area Affected : 1%								
Location : Throughout								
AcousTileSusp.Lay-In	64%			2045	* *	5	$131,700	
Exposed Struc: Steel	3%			LIFE	* *			
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : This Component Is Actually Concrete Metal Decking								
Fiber Board	4%			2037	* *			
Gypsum Board	5%			LIFE	* *	5	$12,900	
Metal Panel	2%			LIFE	* *	5	$5,100	
Site Enclosure								
Fence/Gates								
Aluminum Picket	40%			2052	* *			
Chain Link	60%			2052	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$2,800	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : At Gates								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Fence								
Explanation : Picket Fence On Top Of Brick Wall								
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Traffic Topping	100%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4000 Amperes And 2000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$600	

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DEPARTMENT OF EDUCATION - 040
P. S./I.S. 395 - BK (FORMER K109)
Asset # : 13585

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$500	
Molded Case Bkrs	85%			2048	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	99%			2045	* *	5	$900	
Locally Mounted	1%	Now	$1,100	2052	* *	5		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Penthouse								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$42,300	
Generators								
Diesel	100%			2041	* *	1	$53,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 500 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$30,600	
Fuel Storage								
Main Tank	100%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2037	* *	10	$113,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2037	* *	10	$5,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Corridors								
Explanation : Compact Fluorescent Lights								
Fluorescent	4%			2037	* *	10	$5,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Corridors								
Explanation : T-5 Lamps								
HID	2%			2037	* *	10	$100	

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DEPARTMENT OF EDUCATION - 040
P. S./I.S. 395 - BK (FORMER K109)
Asset # : 13585

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, LED	50%			2060	* *	1		
Exterior Lighting								
HID	20%			2032	$128,300	10	$100	
LED	10%			2037	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$1,400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$15,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$84,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$136,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$5,500	2052	* *			
Controller Not Working, Extent : Moderate, Area Affected : 70%								
Location : Pneumatic Control System In Penthouse.								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Piping/Pump	90%			2052	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S./I.S. 395 - BK (FORMER K109)
Asset # : 13585

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	70%			2037	* *	1	$59,500	
Convector/Radiator	25%			2037	* *	1	$11,100	
Fan Coil Unit/Heat	5%			2032	$170,500	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	15%	0-2	$8,400	2041	* *	1	$20,100	
Controller Not Working, Extent : Moderate, Area Affected : 50%								
Location : Temperature Control System Of No. 2 Unit.								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2x 215 Ton Units, Penthouse								
Centrifugal, Elec Chiller	85%			2041	* *	1	$126,500	
Distribution								
CW & CHW Wtr Pipe/Pump	10%	0-2	$1,100	2052	* *	4	$700	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Explanation : Piping Is Not Insulated.								
CW & CHW Wtr Pipe/Pump	90%			2052	* *	4	$9,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2037	* *	1	$85,000	
Heat Rejection								
Water Cooling Tower	100%	0-2	$13,900	2033	$694,500	2	$110,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Bottom Of The Unit, Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	40%	0-2	$48,300	LIFE	* *	2-5	$30,700	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Explanation : Fire Dampers Not Functionable								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$46,000	
Exhaust Fans								
Interior	85%			2037	* *	2	$3,600	
Roof	15%	0-2	$2,000	2037	* *	2	$500	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : 3 Laboratory Classroom Exhaust, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%	0-2	$17,700	2052	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valve								
Brass/Copper	50%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S./I.S. 395 - BK (FORMER K109)
Asset # : 13585

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,800	2037	* *	4	$2,900	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	0-2	$1,400	2037	* *	4	$5,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Storage Room								
Backflow Preventer								
Generic	100%			2037	* *	1	$8,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From 1st To 3rd Floor, 1 Unit From Basement To Penthouse								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$69,300	
Sprinkler								
Generic	100%			2052	* *	1-2	$38,500	
Fire Pump								
Generic	100%			2035	* *	1	$25,700	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul - 102								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./M. S. 3 - BX**		
Address	: **2100 LAFONTAINE AVENUE BTWN: E.180 ST. - E.181 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X003**
Program / Asset #	: **BOE0993.000 / 4483**	**Yr Built/Renovated**	: **1995 /**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **3062** **Lot** : **43**	**BIN**	: **2099356**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$309,500	$65,200
Electrical		$1,565,800
Mechanical	$1,180,200	$367,100
Site Pavements	$57,300	
Total	**$1,547,000**	**$1,998,100**
Importance Code A	$309,500	$65,200
Importance Code B	$1,237,500	$1,933,000
Total	**$1,547,000**	**$1,998,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,400	$3,100		
Interior Architecture	$128,600			$8,000
Electrical	$19,600	$8,500	$7,800	$8,200
Mechanical	$36,800	$40,100	$40,500	$20,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$215,300**	**$55,600**	**$52,200**	**$40,400**
Importance Code A	$34,600	$11,200	$7,900	$7,900
Importance Code B	$134,000	$44,400	$44,300	$32,500
Importance Code C	$46,700			
Total	**$215,300**	**$55,600**	**$52,200**	**$40,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%	0-2	$113,500	LIFE	* *	5	$65,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout All Elevations								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 407, 412, 425, Library And Auditorium								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement Electrical Room B12								
Explanation : Ground Water								
Metal, Corrugated	5%	2-4	$1,600	2050	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Rooftop Walls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop - Machine Room Bulkheads								
Explanation : Panel Walls								
Metal/Glass Curt Wall	5%	Now	$137,300	LIFE	* *	5	$7,600	
Air Infiltration, Extent : Severe, Area Affected : 10%								
Location : Courtyard Detail, South Facade								
Metal Panel	5%	Now	$5,400	2050	* *	5	$7,600	
Loose/Miss Fasteners, Extent : Light, Area Affected : 15%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$13,200	
Windows								
Aluminum	95%	0-2	$6,100	2046	* *	5	$600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Rooms 407, 412, 425, Library, Auditorium, Stairwell Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 407, 412, 425, Library, Auditorium, Stairwell Bulkheads								
Metal Louvers	5%	0-2	$100	2039	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Rooftop Bulkheads								
Parapets								
Concrete Masonry Unit	30%			LIFE	* *	5	$10,400	
Masonry: Brick Cavity	40%			LIFE	* *	5	$12,200	
Metal Rail	20%	Now	$8,200	2043	* *	5	$43,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	10%	Now	$5,000	LIFE	* *	5	$19,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Coping								
Roof								
IRMA/Protected Membrane	95%			2035	* *	10	$58,600	
Modified Bitumen	5%			2035	* *	10	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,200	
Ceramic Tile	5%	Now	$10,600	2039	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Boys Toilet								
Vinyl Tile	85%	2-4	$35,300	2035	* *	3	$23,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Wood	5%			2058	* *	5	$7,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Basement - Water Stains At Electrical Panels, Boiler Room								
Ceramic Tile	5%			2039	* *	5	$3,400	
Concrete Masonry Unit	35%	0-2	$45,000	LIFE	* *	5	$9,600	
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Library, Stairwell Bulkheads								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Acoustic Concrete Masonry Unit								
Gypsum Board	15%			LIFE	* *	5	$6,200	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	2-4	$4,800	2043	* *	5	$9,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Upper Floor Corridors								
AcousTileSusp.Lay-In	55%			2043	* *	5	$41,300	
Exposed Struc: Steel	5%	Now	$18,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Sidewalk Vault At Electrical Panels								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	20%	Now	$13,100	LIFE	* *	5	$18,800	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Stair 2, Library, Auditorium								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Site Pavements								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$57,300	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lafontaine Ave								
On-Site Walkways								
Cast in Place Concrete	85%			2043	* *			
Pavers/Stone	15%			2039	* *			
Activity Yard								
Asphalt	30%			2039	* *			
Cast in Place Concrete	60%			2043	* *			
Rubber Matting	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Transformers								
Dry Type	100%			2035	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1,500 Kilovolt-ampere, 480 Volts Primary, 277 Volts And 208 Volts Secondary.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	15%			2038	* *	5	$300	
Molded Case Bkrs	85%			2038	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	80%			2035	* *	5	$400	
Variable Frequency Drive	20%			2047	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$24,600	
Generators								
Diesel	100%			2033	$138,700	1	$31,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Nameplate Rating Capacity Is 250 Kilowatts.								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$17,800	
Fuel Storage								
Day Tank	20%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallon Nameplate Rating Capacity.								
Main Tank	80%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Nameplate Rating Capacity.								
Lighting								
Interior Lighting								
Fluorescent	92%			2030	$1,097,100	10	$67,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	7%			2030	$83,500	10	$5,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
HID	1%			2030	$9,500	10		
Egress Lighting								
Emergency, Service	50%			2030	$24,600	1		
Exit, Service	50%			2030	$17,200	1		
Exterior Lighting								
HID	30%			2030	$112,000	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$45,100	1	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors.								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$61,900	1-3	$15,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 5,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	95%			2035	* *	1	$75,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Steam Boiler	5%	0-2	$700	2035	* *	1	$3,600	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Chemical Feeding System, Boiler Room								
Distribution								
Hot Wtr Piping/Pump	30%			2038	* *	4	$1,200	
Steam Piping/Pump	5%	0-2	$3,200	2050	* *			
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Building Management System, Throughout								
Steam Piping/Pump	65%			2050	* *			
Terminal Devices								
Convector/Radiator	30%			2035	* *	1	$7,800	
No Component	70%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Third Floor And Penthouse Mechanical Equipment Rooms								
Explanation : Equipment Accounted For Under The Air Conditioning Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2025	$1,180,200	1	$37,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers, Penthouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units About 150 Tons Each Under Replacement Process.								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2040	* *	4	$5,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2040	* *	1	$49,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Penthouse Mechanical Equipment Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	100%			2030	$367,100	2	$55,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units, Under Replacement Process								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,600	
Exhaust Fans								
Interior	90%			2035	* *	2	$2,200	
Roof	10%			2030	$15,500	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2029	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Water Heater For Kitchen								
Gas Fired	50%			2025	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$16,000	4	$1,700	
Backflow Preventer								
Generic	100%			2035	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$40,300	
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$5,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./M. S. 15 - BX**		
Address	: **2195 ANDREWS AVENUE @ W.183 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X015**
Program / Asset #	: **BOE0994.000 / 4485**	**Yr Built/Renovated**	: **1995 /**
Area Sq Ft	: **135,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3224** **Lot** : **9**	**BIN**	: **2096013**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$764,700	$278,900
Interior Architecture	$69,200	$251,300
Electrical	$400,400	$2,240,700
Mechanical	$201,200	$7,726,400
Total	**$1,435,400**	**$10,497,300**
Importance Code A	$764,700	$278,900
Importance Code B	$670,700	$10,083,900
Importance Code C		$134,500
Total	**$1,435,400**	**$10,497,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$66,000	$23,800		
Interior Architecture	$61,800	$9,500	$10,100	$15,700
Electrical	$77,900	$15,500	$13,200	$13,900
Mechanical	$154,400	$61,700	$72,800	$40,700
Site Enclosure	$2,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$370,600**	**$118,300**	**$104,000**	**$78,100**
Importance Code A	$81,700	$37,400	$13,400	$13,400
Importance Code B	$281,000	$80,900	$90,600	$64,800
Importance Code C	$7,900			
Total	**$370,600**	**$118,300**	**$104,000**	**$78,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$45,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,700	
Masonry: Brick Cavity	72%	4+	$570,700	LIFE	* *	5	$131,000	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Interior Courtyard Elevations								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Staircase A								
Pre-Cast Concrete	12%	4+	$31,700	LIFE	* *	5	$71,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Window Wall	6%			2050	* *	5	$40,900	
Windows								
Aluminum	95%	4+	$25,100	2038	* *	5	$13,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Seating Areas Off Corridor On The 3rd Floor								
Metal Louvers	5%			2033	$76,900	10	$8,700	
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5	$6,100	
Masonry: Brick Cavity	45%			LIFE	* *	5	$6,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Perimeter Walls								
Pre-Cast Concrete	15%			LIFE	* *	5	$12,800	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Underside Of Coping Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	45%	Now	$8,000	2039	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 15%								
Location : Base Of Pitched Roofs								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Bulkheads, Room 304, Gymnasium, Rooms 133, 418								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Base Of Pitched Roofs								
Explanation : Gutters Clog Easily - Unable To Clean Effectively								
IRMA/Protected Membrane	50%	Now	$194,000	2035	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Flat Roofs Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : At Roof Penetrations								
Modified Bitumen	5%			2035	* *	10	$3,300	
Soffits								
Pre-Cast Concrete	10%			LIFE	* *	5	$500	
Stucco Cement	90%	4+	$1,300	2043	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Center Courtyard								
Interior								
Floors								
Carpet	10%			2029	$357,200	3	$30,300	
Cast in Place Concrete	15%			LIFE	* *	5	$66,300	
Ceramic Tile	3%			2039	* *	5	$6,100	
Sheet Vinyl/Rubber	5%	Now	$13,200	2035	* *	5	$7,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout Auditorium								
Vinyl Tile	62%	0-2	$69,200	2035	* *	3	$47,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout, 4th Floor, 2nd Floor								
Wood	5%			2065	* *	5	$18,900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2039	* *	5	$10,400	
Concrete Masonry Unit	47%			LIFE	* *	5	$65,200	
Gypsum Board	15%			LIFE	* *	5	$31,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$69,300	
Ceilings								
AcousTileConcealSpLn	30%	0-2	$19,500	2043	* *	5	$37,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	35%			LIFE	* *	5	$11,000	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	20%	Now	$14,100	LIFE	* *	5	$50,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Metal Panel	5%	Now	$6,700	LIFE	* *	5	$12,600	
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	40%	0-2	$500	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Iron Picket	60%	4+	$2,200	2065	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Masonry: Brick	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2043	* *			
Pavers/Stone	30%			2039	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	50%			2033				
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Site								
Explanation : Playground Across The Street From School								
Cast in Place Concrete	30%			2043	* *			
Pavers/Stone	15%			2039	* *			
Rubber Matting	5%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	65%			2040	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Fused Disc Sw	35%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,600 Amperes.								
Transformers								
Dry Type	100%			2035	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,000 Kilovolt-ampere, 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$300	
Molded Case Bkrs	90%			2038	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	5%			2035	* *	5		
Motor Control Center	80%			2035	* *	5	$2,900	
Motor Control Center	10%	Now	$72,700	2050	* *	5	$200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room Staircase H								
Explanation : Not Functional								
Variable Frequency Drive	5%			2047	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%	Now	$26,800	2050	* *	1	$37,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Penthouse								
Explanation : Not Functional								
Generators								
Diesel	100%	Now	$138,700	2045	* *	1	$47,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : 450 Kilowatts Nameplate Rating. Not Functional								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$5,000	
Fuel Storage								
Day Tank	20%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 75 Gallons Rated Capacity								
Main Tank	80%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2030	$1,911,800	10	$117,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2030	$100,600	10	$6,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Auditorium And Lobby								
Egress Lighting								
Emergency, Service	50%	Now	$41,600	2040	* *	1		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Exit, Service	50%			2035	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%	Now	$189,000	2040	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Perimeter Of The Building								
Explanation : Not Functioning								
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$15,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$104,500	1-3	$25,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Cafeteria, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	95%			2035	* *	1	$127,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. 2 Heat Exchangers.								
Steam Boiler	5%	0-2	$2,900	2035	* *	1	$6,000	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Boiler No.1 Gas Burning, Boiler Room								
Distribution								
Hot Wtr Piping/Pump	35%	0-2	$2,100	2038	* *	4	$2,300	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Bottom Of Feed Tank, Boiler Room								
Steam Piping/Pump	65%			2040	* *			

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	65%	0-2	$82,600	2030	$1,651,300	1	$48,800	
Broken, Extent : Moderate, Area Affected : 10%								
Location : The Unit For Gymnasium And Lunch Room, In Attic.								
Convector/Radiator	25%			2035	* *	1	$10,900	
Fan Coil Unit/Heat	10%	0-2	$6,700	2030	$334,700	1	$3,900	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Motors Burnt Out, Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	0-2	$39,800	2030	$1,991,600	1	$56,300	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : The Unit For Auditorium, Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 10 Units, Roof								
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$2,619,500	1	$83,500	
Heat Rejection								
Air Cooled Condenser Unit	100%			2030	$390,800	2	$94,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$118,600	LIFE	* *	2-5	$75,300	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Explanation : System Not Balanced Properly								
Exhaust Fans								
Interior	90%			2030	$538,900	2	$3,700	
Roof	10%	0-2	$5,200	2030	$26,200	2	$300	
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$34,700	2040	* *	1		
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Booster Pump And Water Main Shut Off Valves, Basement								
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : One Temporary Electrical Water Heater Being Used								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	0-2	$9,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Sump Pump(s)								
Non-Submersible	100%			2030	$27,000	4	$2,900	
Sewage Ejector(s)								
Electric	100%	0-2	$1,400	2030	$70,700	4	$5,400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	90%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Unit From Basement To 4th Floor, One Unit From 1st To 2nd Floor								
Explanation : 2 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Ground Level To Street Level								
Explanation : 1 Condemn Lift								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$68,100	
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$9,500	
Fire Pump								
Generic	100%	0-2	$6,400	2033	$128,900	1	$22,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./M. S. 20 - BX**		
Address	: **3050 WEBSTER AVENUE BTWN: MOSHOLU PKWY. - E..202 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X020**
Program / Asset #	: **BOE0995.000 / 4489**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **130,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-May-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,2M**		
Block	: **3330** **Lot** : **1**	**BIN**	: **2086851**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$604,600	$182,700
Interior Architecture	$241,800	
Electrical	$375,800	$1,028,600
Mechanical	$4,741,600	$1,385,600
Site Pavements	$113,800	
Total	**$6,077,600**	**$2,596,800**
Importance Code A	$831,200	$182,700
Importance Code B	$5,132,600	$2,414,100
Importance Code C	$113,800	
Total	**$6,077,600**	**$2,596,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$4,000			
Interior Architecture	$131,800	$16,400	$10,900	$13,400
Electrical	$17,800	$46,900	$15,600	$12,900
Mechanical	$22,300	$84,000	$48,000	$49,500
Site Enclosure	$34,000			
Site Pavements	$33,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$251,200**	**$155,200**	**$82,400**	**$83,700**
Importance Code A	$4,000	$13,200	$12,900	$12,900
Importance Code B	$188,800	$142,000	$69,500	$70,800
Importance Code C	$58,400			
Total	**$251,200**	**$155,200**	**$82,400**	**$83,700**

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	8%	Now	$285,600	LIFE	* *	5	$10,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout, Coping Of Small Retaining Walls In Play Area								
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : South Facing Walls								
Masonry: Brick Cavity	77%			LIFE	* *	5	$105,200	
Pre-Cast Concrete	15%	Now	$74,300	LIFE	* *	5	$66,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : West Facade								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Interior Courtyards At Grade								
Windows								
Aluminum	100%	Now	$118,600	2046	* *	5	$12,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5	$5,000	
Masonry: Brick Cavity	45%			LIFE	* *	5	$4,400	
Pre-Cast Concrete	10%	Now	$4,000	LIFE	* *	5	$6,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Copings								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Copings								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Copings								
Roof								
IRMA/Protected Membrane	40%	Now	$126,000	2035	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads B And C, Room 168								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Flat Roofs								
Explanation : Uneven Paver Surface								
Not Accessible	60%							
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%	2-4	$103,200	2029	$344,000	3	$29,200	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$42,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2039	* *	5	$9,700	
Quarry Tile	5%			2043	* *	5	$14,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Quarry Tile								
Sheet Vinyl/Rubber	5%			2040	* *	5	$14,600	
Vinyl Tile	45%			2035	* *	3	$32,800	
Vinyl Tile	15%	Now	$241,800	2040	* *	3	$10,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Hallway Leading To Auditorium, Cafeteria, Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 15%								
Location : Hallway Leading To Auditorium, Cafeteria, Room 127								
Wood	5%			2065	* *	5	$18,200	
Interior Walls								
Cast in Place Concrete	5%	Now	$11,200	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Mechanical Room M4								
Explanation : Mold								
Concrete Masonry Unit	50%			LIFE	* *	5	$29,500	
Gypsum Board	15%			LIFE	* *	5	$13,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$29,500	
Ceilings								
AcousTileConcealSpLn	20%	Now	$12,500	2043	* *	5	$24,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 2nd And 4th Floor Hallway								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	45%			LIFE	* *	5	$13,700	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$36,500	
Metal Panel	5%			LIFE	* *	5	$12,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	50%			2065	* *			
Masonry: Brick	50%	Now	$24,700	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout At Brick And Coping Stones								
Free Standing Walls								
Masonry: Brick	15%	Now	$9,300	2050	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Interior Courtyard Coping Stones								
Masonry: Brick	85%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$11,400	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
On-Site Walkways								
Cast in Place Concrete	40%	Now	$7,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Interior Courtyard Stairs								
Pavers/Stone	60%	Now	$113,800	2039	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Interior Courtyard								
Sinking/Subsiding, Extent : Moderate, Area Affected : 15%								
Location : Inteior Courtyard								
Parking/Driveway								
Asphalt	100%	2-4	$5,600	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	50%	0-2	$4,100	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Interior Courtyard								
Rubber Matting	50%	Now	$4,800	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Interior Courtyard								
Explanation : Uneven Surface								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Bolted Pressure Contact Switches Rated At 3,000 Amperes Each								
Transformers								
Dry Type	100%			2043	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room And Penthouse								
Explanation : Two 1,000 Kilovolt-ampere, 480/277 Volt And One 75 Kilovolt-ampere, One 37 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	10%			2043	* *	5	$100	
Motor Control Center	90%			2043	* *	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Room B11								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$40,000	
Generators								
Diesel	100%			2039	* *	1	$50,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated At 500 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$4,800	

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 175 Gallon Capacity								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 5,000 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	50%			2030	$968,900	10	$59,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2025	$193,800	10	$11,900	
Fluorescent	18%			2035	* *	10	$21,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cafeteria And Library								
Explanation : Compact Fluorescent Light Fixtures Installed In The Library In 2017.								
HID	2%			2030	$30,800	10	$100	
LED	20%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Fixtures Installed About 6 Years Ago								
Egress Lighting								
Emergency, Service	50%			2030	$40,000	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Emergency Lights Through The Generator System								
Exit, Service	50%			2030	$28,000	1		
Exterior Lighting								
HID	30%	Now	$182,000	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Exterior Lights Are Not Operational.								
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$48,800	1	$9,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2035	* *	1-3	$32,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	2-4	$226,600	2035	* *	1	$115,900	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Boiler No. 2 Tubes In Basement								
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Make-up Water System Malfunctions. Both Boilers Overflow In Basement.								
Not Energy Efficient, Extent : Moderate, Area Affected : 10%								
Location : Boiler No. 1 Running On Oil Only.								
On Extended Life, Extent : Severe, Area Affected : 30%								
Location : Boiler Feedwater Pump Set In Basement.								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers In Basement.								
Distribution								
Hot Wtr Piping/Pump	2%	Now	$3,400	2055	* *	4	$100	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Pump No. 2 Motor In Basement								
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Corroded Hot Water Pumps Housing								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : 2 Domestic Hot Water Pumps In Basement.								
Hot Wtr Piping/Pump	48%			2038	* *	4	$3,100	
Steam Piping/Pump	2%	Now	$12,500	2060	* *			
Corroded, Extent : Moderate, Area Affected : 40%								
Location : 2 Of 8 Vacuum Pump Sets In Attic.								
Steam Piping/Pump	48%			2040	* *			

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%	0-2	$122,300	2025	$1,223,200	1	$36,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Units Serving District 75 Annex, Cafeteria And Auditorium Not Delivering Adequate Heat.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic Roof								
Explanation : Air Handling Unit With Steam Heating Coil. See Air Conditioning Terminal Devices.								
Convector/Radiator	25%			2035	* *	1	$10,500	
Fan Coil Unit/Heat	25%			2030	$805,800	1	$10,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Terminal Devices								
Air Handler/Cool/Ht	100%	0-2	$50,400	2025	$2,522,500	1	$72,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Units Cafeteria Not Delivering Adequate Cooling								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic Mechanical Equipment Rooms								
Explanation : Air Handling Units With Direct Expansion Cooling Coil. See Heating Terminal Devices.								
Heat Rejection								
Dry Cooler	100%			2025	$596,600	2	$90,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,500	
Exhaust Fans								
Interior	80%			2030	$461,300	2	$3,200	
Roof	20%			2030	$50,400	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2050	* *	1		
Galvanized Steel	10%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,700	
Sewage Ejector(s)								
Electric	100%			2030	$68,100	4	$5,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit Basement To 4th Floor, One Unit 1st To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$65,600	
Sprinkler								
No Component	80%							
Generic	20%			2050	* *	1-2	$7,300	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P. S./M. S. 306 - BX**				
Address	: **40 WEST TREMONT AVENUE @ W.177 ST**				
Borough	: **BRONX**			**Agency's Number**	: **X306**
Program / Asset #	: **BOE0998.000 / 4479**			**Yr Built/Renovated**	: **1994 /**
Area Sq Ft	: **169,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **14-Mar-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**				
Block	: **2862**	**Lot**	: **14**	**BIN**	: **2098721**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,633,500	$145,400
Interior Architecture	$1,945,400	$497,900
Electrical	$236,600	$2,905,300
Mechanical	$2,522,000	$7,385,000
Site Pavements	$767,600	$588,600
Total	**$7,105,000**	**$11,522,200**
Importance Code A	$1,633,500	$145,400
Importance Code B	$4,876,700	$10,486,300
Importance Code C	$594,800	$890,400
Total	**$7,105,000**	**$11,522,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$22,300			
Interior Architecture	$198,900			$27,600
Electrical	$38,100	$18,700	$15,800	$16,800
Mechanical	$134,300	$110,200	$64,500	$61,900
Site Enclosure	$26,000			
Site Pavements	$55,800			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$485,300**	**$138,800**	**$90,200**	**$116,100**
Importance Code A	$56,100	$17,100	$16,700	$16,700
Importance Code B	$316,000	$121,700	$73,400	$99,400
Importance Code C	$113,100			
Total	**$485,300**	**$138,800**	**$90,200**	**$116,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$598,500	LIFE	* *	5	$145,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 361, 363, 365, 413, 411 And 409								
Windows								
Aluminum	95%	Now	$644,400	2046	* *	5	$33,800	
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Classrooms, Cafeteria And Offices								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Classrooms								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Kitchen And 5th Floor Corridor								
Metal Louvers	5%			2039	* *	10	$22,200	
Parapets								
Cast in Place Concrete	40%	Now	$73,400	LIFE	* *	5	$42,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	45%	0-2	$11,600	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parapet Wall								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Parapet Wall Flashing Area								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet Walls								
Explanation : Stucco Coating On Brick Face								
Metal Security Bars	10%			2058	* *			
Pre-Cast Concrete	5%	Now	$2,100	LIFE	* *	5	$3,200	
Expansion Joint Failure, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	90%	Now	$252,100	2035	* *			
Expansion Joint Failure, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%	Now	$8,600	2043	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Skylight, Plastic	5%	Now	$65,100	2043	* *	1		
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Carpet	2%	Now	$94,200	2032	$94,200	3	$8,000	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
Cast in Place Concrete	5%	4+	$22,600	LIFE	* *	5	$29,100	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Pump Room B10								
Ceramic Tile	5%			2039	* *	5	$13,300	
Quarry Tile	3%			2043	* *	5	$12,000	
Vinyl Tile	75%	Now	$110,300	2035	* *	3	$74,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement, 1st Floor								
Wood	10%	Now	$952,700	2070	* *	5	$25,000	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$34,700	2039	* *	5	$15,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	35%	Now	$415,500	LIFE	* *	5	$88,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Glass: Single Pane	2%			LIFE	* *	5	$9,500	
Gypsum Board	23%	Now	$40,600	LIFE	* *	5	$87,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	5%	Now	$120,300	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C, Exit 6								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$126,300	
Ceilings								
AcousTileSusp.Lay-In	60%	Now	$265,200	2043	* *	5	$79,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	35%	Now	$81,400	LIFE	* *	5	$116,300	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Lobby, Vestibules								
Site Enclosure								
Fence/Gates								
Chain Link	50%	4+	$26,000	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Iron Picket	50%			2065	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	80%	4+	$59,100	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Near Exit Doors								
Pavers/Stone	20%	4+	$11,800	2033	$588,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	95%	Now	$708,500	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Rubber Matting	5%	Now	$44,100	2040	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Play Yard								
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Two Main Service Disconnect Switches Rated At 5,000 Amperes Each.								
Transformers								
Dry Type	100%			2035	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Two 1,500 Kilovolt-ampere, 208/ 480/277 Volts.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	40%			2040	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Three Vertical Sections								
Molded Case Bkrs	60%			2040	* *	5	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Four Vertical Sections								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$400	
Molded Case Bkrs	90%			2038	* *	5	$4,000	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$52,000	
Generators								
Diesel	100%			2033	$138,700	1	$65,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : Emergency Generator Rated At 500 Kilowatts								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$37,700	
Fuel Storage								
Main Tank	100%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : 275 Gallons Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	92%			2030	$2,317,700	10	$142,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2030	$60,000	10	$200	
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2030	$52,100	1		
Exit, Service	50%			2030	$36,400	1		

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	30%			2025	$236,600	10	$200	
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$63,500	1	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	$130,800	1-3	$32,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Toilets, Auditorium, Staircases								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2050	* *	5	$52,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 10,000 Gallon Tanks For No.2 Fuel								
Conversion Equipment								
Steam Boiler	30%	0-2	$22,100	2043	* *	1	$45,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of No. 1 Unit, Retubing Needed.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers. 2 Heat Exchangers Convert Steam To Hot Water.								
Steam Boiler	70%			2043	* *	1	$117,200	
Distribution								
Hot Wtr Piping/Pump	80%	0-2	$5,900	2038	* *	4	$6,700	
Insul. Deteriorating, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Bms Not Working								
Steam Piping/Pump	20%			2040	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	2%	0-2	$1,300	2030	$63,600	1	$1,900	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Motors Burnt Out, Various Locations								
Air Handler	18%			2030	$572,500	1	$18,800	
Convector/Radiator	5%	0-2	$3,500	2035	* *	1	$2,500	
Controller Not Working, Extent : Moderate, Area Affected : 30%								
Location : The Valves, Various Locations								
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Various								
Convector/Radiator	15%			2035	* *	1	$8,200	
Fan Coil Unit/Heat	60%	0-2	$50,300	2030	$2,514,100	1	$29,500	
Broken, Extent : Moderate, Area Affected : 35%								
Location : Motors, Varous Locations								
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : No Control For The Units Due To Building Management System Down.								
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Varous Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%	0-2	$39,900	2025	$1,994,600	1	$56,400	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Compressors Of No.1 And 2 Units, Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Chillers, Roof								
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	80%			2040	* *	4	$10,000	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	10%	0-2	$5,200	2030	$262,300	1	$9,400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Motors, Varous Locations								
Air Handler/Cool/Ht	10%			2030	$262,300	1	$10,500	
Fan Coil - 4 Pipe	60%			2030	$3,085,600	1	$32,800	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	80%			2025	$313,100	2	$94,200	
No Component	20%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,200	
Exhaust Fans								
Interior	45%			2030	$337,300	2	$2,300	
Interior	5%	0-2	$1,900	2030	$37,500	2	$200	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Roof	50%	0-2	$3,300	2025	$164,000	2	$2,100	
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Booster Pump								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit. It Has Been Cut Off By Department Of Environmental Protection For Unknown Reason.								
Sanitary Piping								
Cast Iron	30%	0-2	$12,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 3%								
Location : House Trap, Basement								
Broken, Extent : Moderate, Area Affected : 10%								
Location : Underground Of The Drive Way At Exit 7.								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$5,200	4	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Locations For Single Pumps								
Sewage Ejector(s)								
Electric	100%			2030	$88,500	4	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Backflow Preventer								
Generic	100%			2035	* *	1	$10,400	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 5th Floor, One Unit From 1st To 5th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$85,200	
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$11,800	
Fire Pump								
Generic	100%			2033	$161,400	1	$31,600	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P.S. / I.S. 276 - M**
Address : **55 BATTERY PLACE @ 1ST PLACE**
Borough : **MANHATTAN**
Agency's Number : **M276**
Program / Asset # : **BOE1109.000 / 14565**
Yr Built/Renovated : **2010 /**
Area Sq Ft : **136,534**
Project Type : **EDUCATION**
Date of Survey : **14-Feb-2019**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,3,5,6,8,Ph**
Block : **16** **Lot** : **40** **BIN** : **1087945**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$156,700	$269,100
Electrical		$119,000
Mechanical	$51,400	
Total	**$208,100**	**$388,000**
Importance Code B	$208,100	$185,400
Importance Code C		$202,700
Total	**$208,100**	**$388,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$48,000			$30,700
Interior Architecture	$64,300			$30,700
Electrical	$17,800	$18,300	$15,400	$12,800
Mechanical	$49,400	$43,000	$41,500	$26,500
Site Pavements	$200			
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$203,400**	**$85,000**	**$80,600**	**$124,300**
Importance Code A	$72,600	$7,000	$6,800	$37,400
Importance Code B	$130,500	$77,900	$73,800	$79,700
Importance Code C	$200			$7,200
Total	**$203,400**	**$85,000**	**$80,600**	**$124,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	10%			LIFE	* *	5	$22,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Trellis Structure								
Masonry: Brick Cavity	70%			LIFE	* *	5	$49,400	
Masonry: Limestone	8%			LIFE	* *	5	$4,200	
Metal/Glass Curt Wall	10%	Now	$23,800	LIFE	* *	5	$13,200	
Caulking Deteriorated, Extent : Severe, Area Affected : 5%								
Location : Main Entrance								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Plenum Space Above Entrance Canopy								
Explanation : Air Infiltration								
Granite Panels	2%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%	Now	$20,600	2052	* *	5	$10,800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$17,600	
Masonry: Limestone	10%			LIFE	* *	5	$3,400	
Metal: Cage/Fence	25%			2047	* *	5-10	$52,500	
Roof								
IRMA/Protected Membrane	55%			2038	* *	10	$38,800	
Plaza Roof: Stone Panels	10%	4+	$3,600	2056	* *			
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Roof								
Explanation : Cracked Paver								
Play Surface	25%			2038	* *	10	$17,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Roof Play Area								
Traffic Topping	10%			2038	* *	10	$11,800	
Soffits								
Metal Panel	100%			2056	* *	5-10		
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	3%	4+	$10,400	LIFE	* *	5	$13,400	
Horizontal Cracks, Extent : Light, Area Affected : 1%								
Location : Auditorium								
Ceramic Tile	5%	4+	$28,800	2043	* *	5	$5,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Main Entry Lobby								
Quarry Tile	2%			2047	* *	5	$6,100	
Sheet Vinyl/Rubber	5%			2038	* *	5	$15,300	
Vinyl Tile	80%	4+	$90,300	2038	* *	3	$61,300	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Throughout First, Fifth, And Sixth Floors								
Wood	5%	4+	$12,200	2065	* *	5	$9,600	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	40%			2043	* *	5	$115,800	
Concrete Masonry Unit	3%			LIFE	* *	5	$3,500	
Folding Partition	2%			2052	* *	5	$14,500	
Gypsum Board	50%			LIFE	* *	5	$86,900	
Metal: Cage/Fence	3%			LIFE	* *			
Wood	2%			LIFE	* *	5	$23,200	
Ceilings								
AcousTileSusp.Lay-In	65%			2047	* *	5	$132,800	
Exposed Struc: Concrete	2%			LIFE	* *	5	$600	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Metal Decking								
Explanation : Material								
Gypsum Board	18%	2-4	$12,900	LIFE	* *	5	$46,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Eigth Floor Toilet, Gymnasium								
Metal Panel	5%			LIFE	* *	5	$12,800	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$200	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Entry								
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Bottom Of ADA Ramp								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room, Basement								
Explanation : Two Switches Rated At 4,000 And One Rated At 2,000 Amperes								
Photovoltaic Panel(s)	10%			2039	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Photovoltaic Panels Observed								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Molded Case Bkrs	100%			2046	* *	5	$3,600	
Wiring								
Thermoplastic	100%			2050	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$42,000	
Generators								
Diesel	100%			2039	* *	1	$52,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 475 Kilo-volt-amperes								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$5,100	
Fuel Storage								
Day Tank	10%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 60 Gallons								
Main Tank	90%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$119,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout								
Motion Sensors in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	5%			2035	* *	10	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : HID Oberseved								
Egress Lighting								
Exit, Service	50%			2035	* *	1		
Exit, Battery	50%			2035	* *	10	$4,600	
Exterior Lighting								
HID	20%			2035	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Switches								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$10,200	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$25,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%	Now	$7,100	2050	* *	1		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : 1st Floor								
Explanation : Gas Booster Not Working								

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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	50%	Now	$21,200	2035	* *	1	$30,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : 4 Package Rooftop Air Conditioning Units Are Not Opening Due To Low Gas Pressure								
Hot Water Boiler	50%			2043	* *	1	$33,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Gas Fired Condensing Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2046	* *	4	$3,400	
No Component	50%							
Terminal Devices								
Air Handler	20%	Now	$51,400	2035	* *	1	$15,200	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : One Out With Broken Fan								
Convector/Radiator	40%			2043	* *	1	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hydronic Loop Perimeter Heating								
Explanation : Throughout The Building								
Fan Coil Unit/Heat	40%			2035	* *	1	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Spaces								
Explanation : Variable Air Volume Boxes Installed								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2035	* *	1	$12,700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : One Unit, R-407c Refrigerant								
Ext Pkg Unit - Heating/Cooling	80%			2035	* *	2	$6,700	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 4 Rooftop Package Units With Gas Furnace R-407c, Equipment Accounted For Under Heating Section Of This Report								
Distribution								
CW & CHW Wtr Pipe/Pump	20%			2050	* *	4	$1,300	
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	20%			2035	* *	1	$16,900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$15,200	
Ductwork/Diffusers	80%			LIFE	* *	2-5	$60,900	
Exhaust Fans								
Roof	20%			2035	* *	2	$800	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One Tank Of About 600 Gallon								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Located In Elevator Shaft								
Explanation : One Unit								
Backflow Preventer								
Generic	100%			2035	* *	1	$8,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 8th Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$68,800	
Sprinkler								
Generic	100%			2050	* *	1-2	$38,300	
Fire Pump								
Generic	100%			2039	* *	1	$25,500	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

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DEPARTMENT OF EDUCATION - 040
P.S. / I.S. 276 - M
Asset # : 14565

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P.S. 200M-TANDEM I. S. 10 - M**				
Address	: **2581 ADAM CLAYTON POWELL BLVD @W. 150 STREET**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M200**	
Program / Asset #	: **BOE0007.000 / 435**		**Yr Built/Renovated**	: **1969 / 2012**	
Area Sq Ft	: **246,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Jan-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **2016**	**Lot** : **100**	**BIN**	: **1060198**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$58,800
Interior Architecture	$283,900	$6,870,800
Electrical	$2,517,400	$4,905,000
Mechanical	$3,235,900	$4,193,700
Site Pavements	$623,700	
Total	**$6,660,900**	**$16,028,200**
Importance Code A	$101,800	$2,198,500
Importance Code B	$5,778,900	$13,829,700
Importance Code C	$780,200	
Total	**$6,660,900**	**$16,028,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$109,400		$11,900	$4,800
Interior Architecture	$233,100			$6,800
Electrical	$13,700	$12,800	$40,900	$13,300
Mechanical	$40,500	$54,100	$178,600	$44,100
Site Enclosure	$62,700			
Site Pavements	$39,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$502,200**	**$70,900**	**$235,200**	**$73,000**
Importance Code A	$110,000	$23,800	$36,100	$28,600
Importance Code B	$268,500	$47,200	$199,100	$44,400
Importance Code C	$123,800			
Total	**$502,200**	**$70,900**	**$235,200**	**$73,000**

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DEPARTMENT OF EDUCATION - 040

P.S. 200M-TANDEM I. S. 10 - M

Asset # : 435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$45,200	
Masonry: Brick	50%	Now	$49,600	LIFE	* *	5	$30,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South And West Side And Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : South And West Side And Throughout, Courthyard								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Court Yard, Behind Greenhouse								
Metal: Cage/Fence	5%			2044	* *	5	$13,200	
Pre-Cast Concrete	30%	Now	$26,200	LIFE	* *	5	$58,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : North Side By Dumpster								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : North Side By Dumpster								
Explanation : Exposed Rebar								
Windows								
Aluminum	95%			2047	* *	5	$7,600	
Metal Louvers	5%			2040	* *	10	$2,500	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$2,100	
Metal Panel	10%			2057	* *	5	$2,000	
Metal: Cage/Fence	50%			2036	* *	5-10	$20,300	
Roof								
Built-Up (BUR)	98%	Now	$19,600	2036	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Throughout								
Expansion Joint Failure, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Expansion Joint.								
Skylight, Metal/Glass	2%			2051	* *	10	$2,300	
Soffits								
Exposed Struc: Steel	40%			LIFE	* *	5	$28,800	
Metal Panel	60%	Now	$7,300	2051	* *	5	$25,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : East Side, Below Lower Grade Portion								
Interior								

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DEPARTMENT OF EDUCATION - 040

P.S. 200M-TANDEM I. S. 10 - M

Asset # : 435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$7,900	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$20,400	2034	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Kitchen And Toilets Throughout								
Terrazzo	10%			LIFE	* *	5	$5,600	
Vinyl Tile	25%	Now	$10,000	2031	$498,700	3	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Auditorium								
Vinyl Tile 9" X 9"	50%	2-4	$127,400	2031	$6,372,100	3	$13,500	
Patching Evident, Extent : Light, Area Affected : 50%								
Location : CorridorsAnd Classrooms Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : CorridorsAnd Classrooms Throughout								
Wood	5%	Now	$4,300	2046	* *	5	$3,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Gymnasium At Drinking Fountains								
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Gymnasium At Drinking Fountains								
Interior Walls								
Ceramic Tile	3%	Now	$31,900	2034	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	2%	Now	$7,300	LIFE	* *	5	$1,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Mechanical Rooms 1st, 2nd Floors And Basement								
Plaster	50%	Now	$47,100	LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Classrooms								
SGFT/Glazed Masonry	45%	Now	$156,400	LIFE	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : First Floor Corridor								

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DEPARTMENT OF EDUCATION - 040

P.S. 200M-TANDEM I. S. 10 - M

Asset # : 435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	45%	Now	$20,900	2044	* *	5	$16,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Corridors Throughout								
AcousTileSusp.Lay-In	5%	Now	$6,000	2036	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridors Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : First Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Corridor								
Metal Panel	5%	Now	$35,900	LIFE	* *	5	$4,500	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Plaster	45%	Now	$49,400	LIFE	* *	5	$20,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Corridor At Expansion Joint								
Site Enclosure								
Fence/Gates								
Chain Link	90%	Now	$31,800	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Along West Side Parking Lot								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : West Side Parking Lot								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : At Gates								
Explanation : Gates Not Functioning								
Iron Picket	10%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Masonry: Fieldstone	100%	Now	$30,900	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$7,500	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot Entrance								

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DEPARTMENT OF EDUCATION - 040
P.S. 200M-TANDEM I. S. 10 - M
Asset # : 435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	15%	Now	$100	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	63%	Now	$5,100	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout North, South And West Sides								
Cast in Place Concrete	12%			2044	* *			
Masonry: Granite	10%	Now	$600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : West Side Steps								
Parking/Driveway								
Asphalt	100%	Now	$623,700	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Site								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Throughout Site								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Throughout Site								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Lot Entrance At Northwest Side								
Explanation : Trech Drain Failing, Cracking Crumbing								
Activity Yard								
Asphalt	50%	Now	$25,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North And South Side Yards								
Rubber Matting	50%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$102,800	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Service Disconnect Switches Rated At One 3,000 Amperes And Two 2,000 Amperes. There Is Some Rust On The Equipment.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$650,200	5	$1,100	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040

P.S. 200M-TANDEM I. S. 10 - M

Asset # : 435

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2030	$31,900	5	$300	
Fused Disc Sw	5%			2047	* *	5	$300	
Molded Case Bkrs	80%			2030	$510,900	5	$5,200	
Molded Case Bkrs	10%			2047	* *	5	$600	
Wiring								
Braided Cloth	90%	2-4	$808,600	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	95%			2029	$344,700	5	$1,600	
Variable Frequency Drive	5%			2036	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : There Is Some Rust On The Grounding Associated Components.								
Lighting								
Interior Lighting								
Fluorescent	60%			2031	$2,200,300	10	$135,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	38%			2026	$1,393,500	10	$85,700	
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$29,700	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$229,600	10	$200	
HID	20%	Now	$229,600	2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Lighting Fixtures Are Obsolete And Are Not Operational.								
No Component	60%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$92,400	1	$18,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040

P.S. 200M-TANDEM I. S. 10 - M

Asset # : 435

Electrical

System Component Type	Current Repair % of Total	Fail Date (Years)	Estimated Cost	Future Replacement Year FY	Estimated Cost	Maintenance Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	40%							
Generic, Analog	60%			2039	* *	1-3	$93,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : New Fire Alarm System Installed In 2017.								

Mechanical

System Component Type	Current Repair % of Total	Fail Date (Years)	Estimated Cost	Future Replacement Year FY	Estimated Cost	Maintenance Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2041	* *	5	$76,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : Two 15,000 Gallon Tanks								
Conversion Equipment								
Heat Exchanger, Plate & Frame	5%			2034	* *	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Provides Hot Water Heating To First Floor								
Explanation : 2 Units								
Steam Boiler	95%	Now	$101,800	2029	$2,037,000	1	$208,300	
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Boiler No.1 Tubes Leaking In 2nd Floor Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Boiler Room								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	35%			2039	* *	4	$4,200	
Steam Piping/Pump	65%	Now	$25,600	2031	$1,280,500			
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Rooms								
Terminal Devices								
Air Handler	30%	Now	$69,400	2026	$1,388,800	1	$41,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Coil For Auditorium And Gymnasium								
Convector/Radiator	70%			2036	* *	1	$55,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 200M-TANDEM I. S. 10 - M

Asset # : 435

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	15%	Now	$438,100	2031	$876,200			
Broken, Extent : Severe, Area Affected : 20%								
Location : 4 Units Serving The Kitchen								
Window/Wall Unit	75%			2026	$698,900	1		
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Exterior Packaged Unit Abandoned In Place								
Ventilation								
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	$48,000	
No Component	65%							
Exhaust Fans								
Interior	10%			2026	$109,100	2	$800	
Roof	90%			2026	$429,600	2	$6,800	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$36,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$49,200	4	$5,200	
Backflow Preventer								
Generic	100%			2036	* *	1	$15,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor To Roof								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P.S. 200M-TANDEM I. S. 10 - M

Asset # : 435

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$124,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Surrounds The Building Envelope Due To Subway Tracks Underneath Building								
Explanation : Dry System Standpipe								
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$13,800	
Chemical System								
No Component	97%							
Generic	3%			2026	$2,400	1-3	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P.S. 206 (TANDEM P. S. 112 - M) / JOSE CELSO BARBOSA**
Address : **508 EAST 120TH STREET @ PLEASANT AVE.,**
Borough : **MANHATTAN**
Agency's Number : **M206**
Program / Asset # : **BOE0064.000 / 1692**
Yr Built/Renovated : **1968 / 2001**
Area Sq Ft : **128,000**
Project Type : **EDUCATION**
Date of Survey : **13-Feb-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **1816** **Lot** : **1**
BIN : **1084005**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,803,900	$142,300
Interior Architecture	$26,978,900	$702,000
Electrical	$401,700	$950,900
Mechanical	$1,131,600	$1,182,500
Site Pavements		$360,200
Total	**$30,316,100**	**$3,338,000**
Importance Code A	$1,803,900	$178,300
Importance Code B	$28,418,400	$3,159,700
Importance Code C	$93,800	
Total	**$30,316,100**	**$3,338,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$49,800		$12,800	
Interior Architecture	$92,900	$9,900	$16,300	$21,100
Electrical	$122,300	$42,000	$23,200	$21,000
Mechanical	$126,500	$19,000	$28,700	$19,000
Site Enclosure	$17,700			
Site Pavements	$29,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$442,100**	**$74,800**	**$84,900**	**$65,000**
Importance Code A	$62,500	$12,900	$25,500	$12,700
Importance Code B	$276,500	$61,900	$43,100	$52,300
Importance Code C	$103,100		$16,300	
Total	**$442,100**	**$74,800**	**$84,900**	**$65,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 206 (TANDEM P. S. 112 - M) / JOSE CELSO BARBOSA

Asset # : 1692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$234,400	LIFE	* *	5	$142,300	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 131, And Bulkhead Stair								
Masonry: Limestone	5%			LIFE	* *	5	$5,600	
Windows								
Aluminum	5%	Now	$67,600	2055	* *	5	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridor By Kitchen								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Hallways, Offices								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Book Room Storage								
Aluminum	90%			2046	* *	5	$25,500	
Steel	5%	Now	$64,000	2055	* *	5	$8,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Parapets								
Masonry: Brick	60%	0-2	$49,800	LIFE	* *	5	$7,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Metal Rail	10%			2043	* *	5-10	$23,700	
Metal Security Bars	10%			2045	* *			
Pre-Cast Concrete	20%			LIFE	* *	5	$16,500	
Roof								
Modified Bitumen	100%	Now	$1,437,900	2040	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout Upper And Lower Roofs								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Throughout Upper And Lower Roofs								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Throughout Lower Roofs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout 4th Floor And Kitchen								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout Upper And Lower Roofs								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 206 (TANDEM P. S. 112 - M) / JOSE CELSO BARBOSA

Asset # : 1692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,700	
Ceramic Tile	5%			2039	* *	5	$9,900	
Terrazzo	5%			LIFE	* *	5	$7,700	
Vinyl Tile	10%			2030	$547,500	3	$9,900	
Vinyl Tile 9" X 9"	75%	Now	$524,700	2025	$26,232,900	3	$55,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Exterior Doors								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$49,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Boiler Room								
Ceramic Tile	5%	Now	$35,900	2039	* *	5	$6,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$15,700	
Folding Partition	5%			2046	* *	5	$32,600	
Plaster	50%			LIFE	* *	5	$39,100	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%	Now	$93,800	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair 5, Corridor Near Room 222								
Ceilings								
AcousTileConcealSpLn	20%	0-2	$127,600	2043	* *	5	$24,800	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : 4th Floor Corridor And Classrooms								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : First Floor, Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor, 4th Floors								
AcousTileSusp.Lay-In	10%			2035	* *	5	$19,800	
Exposed Struc: Concrete	50%			LIFE	* *	5	$15,500	
Fiber Board	5%			2030	$154,600			
Metal Panel	5%			LIFE	* *	5	$12,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	10%			LIFE	* *	5	$12,400	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P.S. 206 (TANDEM P. S. 112 - M) / JOSE CELSO BARBOSA

Asset # : 1692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	85%			2050	* *			
Iron Picket	15%	Now	$17,700	2050	* *			
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : East Side Playground								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : East Side Gate								
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$23,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Side Curb								
On-Site Walkways								
Asphalt	25%			2033	$21,100			
Cast in Place Concrete	75%			2043	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Covered In Snow, Unable To See.								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : South Side								
Explanation : Covered In Snow, Unable To See.								
Activity Yard								
Asphalt	85%	2-4	$6,000	2033	$298,000			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout West Yard								
Rubber Matting	15%			2030	$62,200			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East And West Play Yard								
Explanation : Covered In Snow, Unable To See.								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P.S. 206 (TANDEM P. S. 112 - M) / JOSE CELSO BARBOSA

Asset # : 1692

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2030	$36,000	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2056	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2056	* *	5	$100	
Fused Disc Sw	90%			2030	$234,100	5	$500	
Raceway								
Conduit	95%			2030	$231,500	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$29,900	5	$300	
Molded Case Bkrs	90%			2029	$269,400	5	$3,000	
Wiring								
Braided Cloth	70%	2-4	$239,300	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2056	* *	1		
Thermoplastic	20%			2030	$68,400	1		
Motor Controllers								
Locally Mounted	25%			2028	$45,400	5	$200	
Motor Control Center	75%			2043	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Motor Control Centers								
Ground								
Grounding Devices								
Generic	100%	0-2	$4,200	LIFE	* *	5	$1,900	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement At Water Service Entrance								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement At Water Service Entrance								
Explanation : Clamp At Water Main Severely Corroded.								
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$39,400	
Generators								
Natural Gas	100%	Now	$6,900	2043	* *	1	$44,600	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Batteries								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P.S. 206 (TANDEM P. S. 112 - M) / JOSE CELSO BARBOSA

Asset # : 1692

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2040	* *	10	$111,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Battery	30%	Now	$38,700	2038	* *			
Not Functioning, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Building								
Emergency, Battery	20%			2025	$43,000	10	$6,200	
Exit, Service	25%	Now	$700	2025	$13,800	1		
Not Functioning, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Building								
Exit, Service	25%			2038	* *	1		
Exterior Lighting								
HID	50%	Now	$89,600	2038	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Parapet Mounted Fixtures								
HID	50%	Now	$29,900	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Wall Packs On Building Exterior								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Chimney Above Roof								
Explanation : Air Terminals And Downleads Installed On Chimney Flues								
Alarm								
Security System								
Generic	100%	Now	$48,100	2038	* *	1	$43,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Custodian Reports System Failures Once Per Month.								
Fire/Smoke Detection								
Generic, Digital	7%	Now	$11,600	2038	* *	1-3	$5,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout The Building								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Trouble Bell Sounded Twice During Survey And Fire Alarm Panel Status Showed - Ground Fault 0005								
Generic, Digital	93%			2038	* *	1-3	$73,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 206 (TANDEM P. S. 112 - M) / JOSE CELSO BARBOSA

Asset # : 1692

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$126,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$20,500	2050	* *			
Broken, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Vacuum Pump 1 Of 2								
Terminal Devices								
Air Handler	40%	Now	$48,200	2030	$963,500	1	$28,500	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room Filter Motors								
Convector/Radiator	60%			2035	* *	1	$24,800	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$152,000			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Server Room								
Explanation : 2 Units								
Window/Wall Unit	95%			2025	$460,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,400	
Exhaust Fans								
Interior	30%	Now	$17,000	2025	$170,300	2	$900	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room 1 Fan Broken								
Roof	70%			2025	$173,900	2	$2,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$326,800	2035	* *	1		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Water Mains Is Shut Off								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Bathroom Sinks And Classroom Sinks								
Explanation : No Water Pressure								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 206 (TANDEM P. S. 112 - M) / JOSE CELSO BARBOSA

Asset # : 1692

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	$3,900	4	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Sewage Ejector(s)								
Electric	100%	Now	$20,100	2030	$67,000	4	$5,100	
Broken, Extent : Severe, Area Affected : 50%								
Location : Basement 1 Of 2 Pumps								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground To 1st Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Storage And Book Rooms								
Explanation : Less Than 20 Heads Total								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P.S. 207 - M TANDEM M149**		
Address	: **41 WEST 117TH STREET @ 5TH AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M207**
Program / Asset #	: **BOE0090.000 / 1707**	**Yr Built/Renovated**	: **1968 / 2008**
Area Sq Ft	: **126,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1601** **Lot** : **1**	**BIN**	: **1051434**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$140,300	$1,859,700
Interior Architecture	$10,299,000	$257,400
Electrical	$713,500	$2,128,600
Mechanical	$1,340,600	$2,550,300
Total	**$12,493,300**	**$6,795,900**
Importance Code A	$140,300	$1,859,700
Importance Code B	$12,353,000	$4,936,300
Total	**$12,493,300**	**$6,795,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$18,300		$24,000	
Interior Architecture	$61,500	$3,400	$15,500	$23,700
Electrical	$35,400	$2,400	$51,500	$2,900
Mechanical	$55,400	$23,000	$40,700	$23,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$174,500**	**$32,700**	**$135,500**	**$53,600**
Importance Code A	$30,800	$12,500	$36,400	$12,700
Importance Code B	$138,700	$16,800	$99,100	$40,800
Importance Code C	$5,000	$3,400		
Total	**$174,500**	**$32,700**	**$135,500**	**$53,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 207 - M TANDEM M149
Asset # : 1707

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$104,000	
Masonry: Brick Cavity	80%			LIFE	* *	5	$110,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$22,500	
Windows								
Aluminum	100%	Now	$140,300	2039	* *	5	$7,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$12,700	
Masonry: Limestone	10%			LIFE	* *	5	$1,800	
Roof								
Built-Up (BUR)	52%			2031	$671,300	10	$57,500	
IRMA/Protected Membrane	35%	4+	$18,300	2031	$916,000			
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Traffic Topping	13%			2036	* *	10	$24,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Various Lower Roof Areas								
Explanation : This Is Actually A Fluid Applied Roofing Assembly								
Soffits								
Stucco Cement	100%			2036	* *	5		
Interior								
Floors								
Carpet	20%			2030	$583,700	3	$66,000	
Cast in Place Concrete	5%			LIFE	* *	5	$18,000	
Ceramic Tile	5%			2034	* *	5	$8,300	
Vinyl Tile	35%			2036	* *	3	$28,900	
Vinyl Tile 9" X 9"	35%			2026	$10,192,800	3	$21,700	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$6,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Folding Partition	3%			2039	* *	5	$10,100	
Plaster	62%			LIFE	* *	5	$25,000	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
P.S. 207 - M TANDEM M149
Asset # : 1707

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$106,200	2036	* *	5	$20,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	10%			2044	* *	5	$20,600	
AcousTileSusp.Lay-In	10%			2036	* *	5	$16,500	
Exposed Struc: Concrete	10%			LIFE	* *	5	$2,600	
Fiber Board	10%	4+	$12,900	2031	$257,400			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Metal Panel	2%	4+	$5,500	LIFE	* *	5	$4,100	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Kitchen Ceiling								
Plaster	38%			LIFE	* *	5	$39,200	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2041	* *			
Iron Picket	30%			2051	* *			
Masonry: Brick	30%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Side Of Property								
Explanation : Painted Surface								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Pavers/Stone	20%			2034	* *			
Activity Yard								
Asphalt	45%			2034	* *			
Pavers/Stone	20%			2034	* *			
Rubber Matting	20%			2036	* *			
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : East Activity Yard								
Explanation : This Is Actually Artificial Turf								

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DEPARTMENT OF EDUCATION - 040
P.S. 207 - M TANDEM M149
Asset # : 1707

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$500	
Raceway								
Conduit	85%			2031	$207,200	1		
Conduit	15%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2053	* *	5	$300	
Molded Case Bkrs	90%			2053	* *	5	$3,000	
Wiring								
Braided Cloth	60%	2-4	$205,100	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2057	* *	1		
Thermoplastic	20%			2041	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$127,000	5	$600	
Locally Mounted	30%	2-4	$32,700	2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	90%			2031	$1,690,400	10	$104,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps Type Fixtures								
Fluorescent	5%			2036	* *	10	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : T-5 Lamps								
Incandescent	5%			2026	$174,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$105,800	10	$15,200	
Exit, Service	50%			2026	$27,200	1		

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DEPARTMENT OF EDUCATION - 040
P.S. 207 - M TANDEM M149
Asset # : 1707

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2026	$117,600	10	$100	
LED	20%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Fixtures Installed In 2018.								
No Component	60%							
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic, Analog	34%			2026	$110,500	1-3	$26,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$124,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Gas Fired Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	30%			2026	$711,300	1	$23,400	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : Direct Expansion Cooling Section Added To Blowers Serving Cafeteria, Gymnasium And Auditorium								
Convector/Radiator	70%			2029	$721,200	1	$28,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	2%	Now	$23,900	2031	$59,800			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : 3 Indoor Units. Kitchen								
Window/Wall Unit	70%			2026	$334,100	1		
No Component	28%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : See Heating Air Handlers								

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DEPARTMENT OF EDUCATION - 040
P.S. 207 - M TANDEM M149
Asset # : 1707

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	28%			2031	$73,500	2	$24,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : See Heating Air Handlers								
Explanation : Services Air Handlers								
No Component	72%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$35,100	
No Component	50%							
Exhaust Fans								
Interior	20%			2026	$111,800	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Roof	75%			2026	$183,400	2	$2,900	
Roof	5%			2036	* *	2	$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$1,608,600	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$8,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : West Area Drain Along Malcom X Boulevard.								
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$4,000	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$7,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2036	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Boilers Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : One Unit								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P.S. 207 - M TANDEM M149

Asset # : 1707

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$87,100	1-2	$1,800	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P.S. 251 Q TANDEM Q231**		
Address	: **144-51 ARTHUR STREET 145-00 SPRINGFIELD BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q251**
Program / Asset #	: **BOE0863.000 / 2629**	**Yr Built/Renovated**	: **1963 / 2008**
Area Sq Ft	: **160,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **13331** **Lot** : **1**	**BIN**	: **4285682**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$619,000	$181,400
Interior Architecture	$249,300	$2,089,000
Electrical	$611,700	$970,000
Mechanical	$467,400	$3,066,000
Total	**$1,947,500**	**$6,306,500**
Importance Code A	$619,000	$232,800
Importance Code B	$1,328,400	$6,073,600
Total	**$1,947,500**	**$6,306,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$7,000			$11,400
Interior Architecture		$7,600	$15,900	$41,600
Electrical	$1,800	$4,100	$5,500	$24,300
Mechanical	$72,400	$24,900	$39,500	$42,000
Site Pavements	$46,800			
Total	**$127,900**	**$36,600**	**$60,900**	**$119,300**
Importance Code A	$22,800	$15,800	$15,800	$27,600
Importance Code B	$58,400	$20,800	$38,600	$91,700
Importance Code C	$46,800		$6,400	
Total	**$127,900**	**$36,600**	**$60,900**	**$119,300**

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DEPARTMENT OF EDUCATION - 040
P.S. 251 Q TANDEM Q231
Asset # : 2629

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$22,100	
Masonry: Brick	93%			LIFE	* *	5	$87,500	
Granite Panels	2%	Now	$7,000	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Front Steps								
Windows								
Aluminum	69%	Now	$387,000	2057	* *	5	$10,100	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Auditorium, Cafeteria, Gymnasium, Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Auditorium, Cafeteria, Gymnasium, Throughout								
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Auditorium, Cafeteria, Gymnasium, Throughout								
Aluminum	30%			2048	* *	5	$8,800	
Metal Louvers	1%			2041	* *	10	$1,800	
Parapets								
Metal Rail	100%			2045	* *	5-10	$239,000	
Roof								
Built-Up (BUR)	95%			2037	* *	10	$86,900	
Copper/Terne	5%			2047	* *	10	$11,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,100	
Ceramic Tile	5%			2035	* *	5	$7,600	
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	20%			2037	* *	3	$11,300	
Vinyl Tile	50%			2032	$2,089,000	3	$28,400	
Wood	10%			2047	* *	5	$28,400	
Interior Walls								
Ceramic Tile	5%			2041	* *	5	$12,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,300	
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$38,500	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2037	* *	5	$47,300	
AcousTileSusp.Lay-In	5%			2037	* *	5	$7,600	
Exposed Struc: Concrete	55%	Now	$249,300	LIFE	* *	5	$13,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gas Meter And Oil Tank Room								
Plaster	15%			LIFE	* *	5	$14,200	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2042	* *			
Iron Picket	30%			2067	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
P.S. 251 Q TANDEM Q231
Asset # : 2629

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	90%	Now	$8,900	2045	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Park								
Masonry: Granite	10%	Now	$9,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Entry Step Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$28,900	2037	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Parking Lot								
Activity Yard								
Asphalt	50%			2041	* *			
Rubber Matting	50%			2037	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$51,400	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	80%			2032	$234,100	5	$500	
Fused Disc Sw	20%			2052	* *	5	$100	
Raceway								
Conduit	95%			2032	$274,400	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$29,900	5	$400	
Molded Case Bkrs	80%			2031	$239,500	5	$3,400	
Molded Case Bkrs	10%			2048	* *	5	$400	
Wiring								
Braided Cloth	75%	2-4	$299,700	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$79,900	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	$90,700	5	$500	
Locally Mounted	50%			2045	* *	5	$500	
Ground								

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DEPARTMENT OF EDUCATION - 040
P.S. 251 Q TANDEM Q231
Asset # : 2629

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$139,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2037	* *	10	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gas Room								
Explanation : Compact Fluorescent Lights								
Incandescent	2%			2027	$88,700	2	$100	
LED	2%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$19,300	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$17,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$82,500	2042	* *	1-3	$17,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$158,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 251 Q TANDEM Q231
Asset # : 2629

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$225,000	2042	* *	4	$7,900	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement. Condensate Pump Malfunctioning.								
Terminal Devices								
Air Handler	40%			2032	$1,204,400	1	$39,600	
Convector/Radiator	40%			2037	* *	1	$20,700	
Fan Coil Unit/Heat	20%			2032	$793,400	1	$10,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%			2042	* *	1	$3,700	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Roof								
Window/Wall Unit	40%			2027	$242,500	1		
No Component	55%							
Terminal Devices								
Air Handler/Cool/Ht	5%			2032	$69,900	1	$5,000	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%	Now	$200	2037	* *	2	$4,500	
Damaged, Extent : Severe, Area Affected : 5%								
Location : Roof, Insulation Damaged								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,200	
Exhaust Fans								
Interior	70%			2032	$496,700	2	$3,400	
Roof	30%			2032	$93,100	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$408,500	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	2%	Now	$8,100	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Basement, Connection To Ejector Pump								
Cast Iron	98%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 251 Q TANDEM Q231
Asset # : 2629

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$11,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Storage Room. Leakage								
Sump Pump(s)								
Non-Submersible	100%			2032	$32,000	4	$5,100	
Sewage Ejector(s)								
Electric	100%	Now	$25,100	2037	* *	4	$6,400	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Basement								
Backflow Preventer								
Generic	100%			2037	* *	1	$9,800	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Severe, Area Affected : 5%								
Location : Bathroom 3rd Floor Washing Room								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2042	* *	1-2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P.S. 30 - BX - AKA P.S. 469 -BX AX (ECF-S X ECC 2)**			
Address	:	**577 EAST 139 STREET @ST. ANNS AVE.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X855**
Program / Asset #	:	**BOE0177.010 / 482**	**Yr Built/Renovated**	:	**1974 / 2010**
Area Sq Ft	:	**12,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**16-Oct-2020**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1,2**			
Block	:	**2552** **Lot** : **70**	**BIN**	:	**2003646**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$180,000
Mechanical		$153,200
Total		**$333,200**
Importance Code B		$333,200
Total		**$333,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$600			$14,900
Interior Architecture	$54,700		$400	$2,100
Electrical	$700	$300	$400	$29,000
Mechanical	$900	$24,800	$1,000	$33,000
Total	**$56,900**	**$25,100**	**$1,800**	**$79,000**
Importance Code A	$600	$1,100		$16,000
Importance Code B	$52,600	$24,000	$1,800	$63,000
Importance Code C	$3,700			
Total	**$56,900**	**$25,100**	**$1,800**	**$79,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 30 - BX - AKA P.S. 469 -BX AX (ECF-S X ECC 2)

Asset # : 482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$5,600	
Masonry: Brick Cavity	95%			LIFE	* *	5	$21,300	
Windows								
Aluminum	100%			2048	* *	5	$5,700	
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$41,900	
Roof								
Built-Up (BUR)	98%			2037	* *	10	$14,900	
Copper/Terne	2%			2060	* *	10	$800	
Soffits								
Cast in Place Concrete	100%	4+	$600	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Front Facade								
Interior								
Floors								
Carpet	3%	2-4	$8,500	2034	* *	3	$700	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : On Steps To Lower Level								
Ceramic Tile	5%			2041	* *	5	$800	
Vinyl Tile	92%	4+	$8,100	2037	* *	3	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	$11,300	
Plaster	20%	Now	$3,700	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Interior Of Stair Bulkhead								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Exit 10 Stair								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	60%	4+	$28,800	LIFE	* *	5	$1,500	
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Ceiling Of Room 204 And Stair At 2nd Floor Landing								
Gypsum Board	40%	Now	$5,600	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Free Standing Walls								
Masonry: Brick	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 30 - BX - AKA P.S. 469 -BX AX (ECF-S X ECC 2)
Asset # : 482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2030				
On-Site Walkways								
Asphalt	100%			2035	* *			
Activity Yard								
Asphalt	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$108,400	5	$100	
Raceway								
Conduit	100%			2032	$25,700	1		
Panelboards								
Fused Disc Sw	4%			2031	$1,600	5		
Fused Toggle Switch	1%	2-4	$400	2057	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Basement								
Molded Case Bkrs	95%			2031	$37,900	5	$300	
Wiring								
Thermoplastic	100%			2032	$28,700	1		
Motor Controllers								
Locally Mounted	100%			2030	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2037	* *	10	$11,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2027	$10,100	10	$1,400	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10		
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P.S. 30 - BX - AKA P.S. 469 -BX AX (ECF-S X ECC 2)

Asset # : 482

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	$4,500	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	$6,200	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Radiant Heater	100%			2037	* *	2	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 20 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2027	$31,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,700	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2030	$153,200	1		
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Playground B. Water Backs Up In Courtyard When It Rains Hard								
Backflow Preventer								
Generic	100%			2032	$5,400	1	$700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 30 - BX - AKA P.S. 469 -BX AX (ECF-S X ECC 2)

Asset # : 482

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **P.S. 327 - BK (TANDEM P. S. 396 - D75 BK)**
Address : **111 BRISTOL STREET BTWN: SUTTER AVE., PITKIN AVE.**
Borough : **BROOKLYN**
Agency's Number : **K327**
Program / Asset # : **BOE0617.000 / 1242**
Yr Built/Renovated : **1967 / 2013**
Area Sq Ft : **243,000**
Project Type : **EDUCATION**
Date of Survey : **06-Aug-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3520** **Lot** : **8**
BIN : **3081032**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$415,000	$2,413,900
Interior Architecture	$1,046,400	$40,233,900
Electrical	$1,067,300	$2,301,200
Mechanical	$2,497,700	$6,927,000
Site Pavements	$52,200	$290,200
Total	**$5,078,600**	**$52,166,200**
Importance Code A	$520,900	$4,532,000
Importance Code B	$4,436,700	$47,634,300
Importance Code C	$121,000	
Total	**$5,078,600**	**$52,166,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,700	$12,400	$14,600	
Interior Architecture	$120,900	$26,700		$31,100
Electrical	$13,300	$29,600	$24,600	$24,100
Mechanical	$53,800	$39,000	$125,800	$39,000
Site Enclosure	$26,900			
Site Pavements	$21,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$273,100**	**$111,600**	**$168,900**	**$98,200**
Importance Code A	$32,700	$37,000	$38,700	$24,100
Importance Code B	$144,300	$74,600	$130,200	$74,100
Importance Code C	$96,100			
Total	**$273,100**	**$111,600**	**$168,900**	**$98,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 327 - BK (TANDEM P. S. 396 - D75 BK)
Asset # : 1242

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%	Now	$254,600	LIFE	* *	5	$146,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Along Chester Street								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Exit 7								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 347, Bulkhead At Stair 4 And 5, Stair 1 And 2 At 2nd Floor Landing								
Pre-Cast Concrete	20%			LIFE	* *	5	$118,700	
Windows								
Aluminum	100%			2046	* *	5	$29,200	
Parapets								
Masonry: Brick Cavity	15%			LIFE	* *	5	$4,900	
Metal Rail	75%	4+	$32,700	2043	* *	5	$172,700	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Security Bars	10%			2058	* *			
Roof								
Built-Up (BUR)	60%	Now	$160,300	2035	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Over Cafeteria								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Around New Elevator Equipment								
IRMA/Protected Membrane	35%			2030	$1,896,200	10	$80,100	
Metal Panel	5%			2043	* *	10	$21,000	
Soffits								
Metal Panel	25%			2050	* *	5-10	$45,500	
Stucco Cement	75%			2043	* *	5	$49,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 327 - BK (TANDEM P. S. 396 - D75 BK)
Asset # : 1242

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$116,700	
Ceramic Tile	3%	Now	$30,100	2039	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Toilets								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floor Toilets								
Sheet Vinyl/Rubber	10%			2030	$2,327,900	5	$53,400	
Vinyl Tile	10%	Now	$19,700	2035	* *	3	$13,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%	Now	$753,600	2030	$37,678,000	3	$80,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 2nd And 3rd Flor Corridors, Auditorium, Gymnasium And Classrooms Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : 2nd And 3rd Flor Corridors, Auditorium, Gymnasium And Classrooms Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : 2nd And 3rd Flor Corridors, Auditorium, Gymnasium And Classrooms Throughout								
Wood	2%	0-2	$8,500	2045	* *	5	$6,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Offices Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$15,900	2039	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,700	
Folding Partition	2%			2038	* *	5	$9,600	
Plaster	50%	Now	$46,800	LIFE	* *	5	$28,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classroom 347, Stair Bulkheads								
SGFT/Glazed Masonry	35%	Now	$121,000	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair In Building PS 396								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 327 - BK (TANDEM P. S. 396 - D75 BK)
Asset # : 1242

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	0-2	$114,500	2035	* *	5	$35,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Cafeterias And Thoughout								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout Corridors								
AcousTileConcealSpLn	20%	Now	$57,300	2035	* *	5	$44,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Cafeterias And Thoughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Cafeterias And Thoughout								
Exposed Struc: Concrete	5%			LIFE	* *	5	$2,800	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$111,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	70%	Now	$18,000	2050	* *			
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : At Dumpsters								
Iron Picket	30%	Now	$8,400	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : At Play Area								
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$500	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Around Playground								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$52,200	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$7,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P.S. 327 - BK (TANDEM P. S. 396 - D75 BK)
Asset # : 1242

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	75%	Now	$14,500	2033	$290,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Along Bristol Street								
Rubber Matting	25%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3,000 Ampere Service Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2030	$585,200	5	$900	
Fused Disc Sw	10%			2050	* *	5	$100	
Raceway								
Conduit	80%			2030	$539,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$63,900	5	$600	
Molded Case Bkrs	30%			2038	* *	5	$1,900	
Molded Case Bkrs	50%			2029	$319,300	5	$3,200	
Molded Case Bkrs	10%			2046	* *	5	$600	
Wiring								
Braided Cloth	30%	2-4	$269,500	2055	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	60%			2040	* *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$362,900	5	$1,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Sprinkler Room								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%	4+	$2,700	2035	* *	1	$67,300	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040
P.S. 327 - BK (TANDEM P. S. 396 - D75 BK)
Asset # : 1242

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Natural Gas	100%	Now	$83,200	2033	$138,700	1	$84,700	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Engine Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Start Syst Needs Repair, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 100 Kilowatt								
Batteries								
Lead/Acid	100%	Now	$1,500	2025	$2,500	5	$4,500	
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Lighting								
Interior Lighting								
Fluorescent	90%			2040	* *	10	$200,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	10%	4+	$336,600	2040	* *	2	$400	
Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium And Basement								
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium And Basement								
Egress Lighting								
Emergency, Service	50%			2025	$74,800	1		
Exit, Service	50%			2025	$52,400	1		
Exterior Lighting								
HID	20%			2035	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$91,200	1	$18,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion Alarm And Motion Sensors Only								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$250,700	1-3	$59,900	

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DEPARTMENT OF EDUCATION - 040
P.S. 327 - BK (TANDEM P. S. 396 - D75 BK)
Asset # : 1242

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$11,300	2030	$565,100	5	$37,600	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Oil Tank								
Explanation : Oil Tank Petrometer Is Broken								
Conversion Equipment								
Steam Boiler	100%	0-2	$105,900	2028	$2,118,000	1	$216,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : No 2 Burner Oil Leaks								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Both Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	30%			2025	$1,371,900	1	$45,100	
Convector/Radiator	70%			2028	$1,390,900	1	$54,900	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2035	* *	1	$28,200	
Exterior Pkg Unit - Cooling	25%			2030	$666,100	2	$3,700	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : Lower Roof								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Lower Roof								
Explanation : 2 Units								
Split Unit	5%			2035	* *			
Window/Wall Unit	30%			2025	$276,200	1		
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	25%			2050	* *	4	$3,000	
Ductwork/Diffusers	75%			LIFE	* *	2	$237,100	
Terminal Devices								
Fan Coil - 2 Pipe	25%			2030	$1,575,300	1	$19,600	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$135,500	

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DEPARTMENT OF EDUCATION - 040
P.S. 327 - BK (TANDEM P. S. 396 - D75 BK)
Asset # : 1242

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2030	$323,300	2	$2,200	
Roof	70%	Now	$16,500	2025	$330,100	2	$4,200	
Broken, Extent : Severe, Area Affected : 10%								
Location : Kitchen Exhuast Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
HW Heat Exchanger								
Steam Fired	100%	0-2	$352,500	2060	* *	4	$24,000	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Sanitary Piping								
Cast Iron	100%	Now	$61,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Corroded And Leaking, Basement Boiler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$9,700	2030	$48,600	4	$5,100	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Pump Motors								
Sewage Ejector(s)								
Electric	100%			2030	$127,200	4	$9,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$100,800	1-2	$2,000	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P.S. 330 - Q**		
Address	: **110-08 NORTHERN BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q287**
Program / Asset #	: **BOE1153.000 / 14899**	**Yr Built/Renovated**	: **2012 /**
Area Sq Ft	: **64,971**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1725** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$221,900	$146,500
Interior Architecture	$136,400	$200,900
Electrical		$56,600
Mechanical		$102,000
Total	**$358,300**	**$506,000**
Importance Code A	$221,900	$146,500
Importance Code B		$285,100
Importance Code C	$136,400	$74,400
Total	**$358,300**	**$506,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$51,800	$16,500		
Interior Architecture	$94,400	$3,200	$61,800	
Electrical	$13,600	$10,600	$12,400	$13,000
Mechanical	$43,000	$27,800	$28,700	$20,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$210,700**	**$65,900**	**$110,700**	**$41,600**
Importance Code A	$55,000	$19,700	$3,200	$3,200
Importance Code B	$145,800	$46,200	$57,900	$38,400
Importance Code C	$9,900		$49,600	
Total	**$210,700**	**$65,900**	**$110,700**	**$41,600**

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DEPARTMENT OF EDUCATION - 040

P.S. 330 - Q

Asset # : 14899

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	* *	5	$34,700	
Metal/Glass Curt Wall	10%	Now	$58,400	LIFE	* *	5	$13,000	
Corrosion/Rusting, Extent : Light, Area Affected : 2%								
Location : Stair B								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Stair Bulkhead								
Pre-Cast Concrete	65%	0-2	$163,400	LIFE	* *	5	$146,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corners Of Building								
Windows								
Aluminum	100%			2055	* *	5	$31,200	
Parapets								
Metal Panel	10%			2059	* *	5	$2,300	
Metal Rail	2%			2050	* *	5-10	$2,200	
Pre-Cast Concrete	88%			LIFE	* *	5	$66,700	
Roof								
Copper/Terne	5%			2068	* *	10	$4,900	
IRMA/Protected Membrane	95%			2041	* *	10	$37,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Precast Concrete Paver Ballast Over Modified Bitumen Membrane								
Soffits								
Metal Panel	100%			2059	* *	5-10		
Interior								
Floors								
Carpet	2%			2034	* *	3	$2,900	
Cast in Place Concrete	5%			LIFE	* *	5	$21,300	
Ceramic Tile	10%			2046	* *	5	$9,700	
Quarry Tile	3%			2050	* *	5	$4,400	
Terrazzo	10%			LIFE	* *	5	$15,200	
Vinyl Tile	60%			2041	* *	3	$21,900	
Wood	10%			2068	* *	5	$18,200	
Interior Walls								
Ceramic Tile	40%			2046	* *	5	$99,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$19,800	
Gypsum Board	50%			LIFE	* *	5-10	$210,800	
Ceilings								
AcousTileSusp.Lay-In	70%	Now	$22,400	2050	* *	5	$33,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 403								
Exposed Struc: Steel	5%			LIFE	* *	10	$9,600	
Gypsum Board	10%			LIFE	* *	5-10	$33,100	
Wood	15%	0-2	$13,100	LIFE	* *	5	$126,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P.S. 330 - Q

Asset # : 14899

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%			2059	* *			
Retaining Walls								
Masonry: Brick	100%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Rubber Matting	45%			2041	* *			
Traffic Topping	55%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 3,000 Amperes And 1,600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5	$300	
Molded Case Bkrs	80%			2049	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$400	
Motor Control Center	20%			2046	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$20,000	
Generators								
Diesel	100%			2042	* *	1	$25,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 300 Kilowatts								

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DEPARTMENT OF EDUCATION - 040

P.S. 330 - Q

Asset # : 14899

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,400	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$53,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2038	* *	10	$3,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Flourescent Lights								
HID	5%			2038	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	20%			2038	* *	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$400	
Alarm								
Security System								
Generic	100%			2038	* *	1	$24,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$40,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P.S. 330 - Q

Asset # : 14899

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	70%			2038	* *	1	$22,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Rooftop Package Units								
Hot Water Boiler	30%			2046	* *	1	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2049	* *	4	$1,400	
No Component	70%							
Terminal Devices								
Fan Coil Unit/Heat	30%			2038	* *	1	$6,300	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	30%			2042	* *	1	$21,100	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Mechanical Room								
Ext Pkg Unit - Heating/Cooling	70%			2038	* *	2	$2,800	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Package Units, Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2053	* *	4	$1,400	
No Component	70%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2038	* *	1	$6,300	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2038	* *	2	$13,600	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,400	
Exhaust Fans								
Roof	100%			2038	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040

P.S. 330 - Q

Asset # : 14899

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : 1 Unit With One 300 Gallon Tank. Two 100 Gallon Electric Hot Water Heaters As Backup.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$2,000	4	$2,100	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,600	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$32,800	
Sprinkler								
Generic	100%			2053	* *	1-2	$18,200	
Fire Pump								
Generic	100%			2042	* *	1	$12,100	
Chemical System								
Generic	100%			2031	$102,000	1-3	$93,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Unit Covers 25 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**P.S./I.S. 263 - M WASHINGTON HEIGHTS ACADEMY**			
Address	:	**202 SHERMAN AVENUE @ W.204 ST**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M263**
Program / Asset #	:	**BOE1108.000 / 14564**	**Yr Built/Renovated**	:	**2010 /**
Area Sq Ft	:	**78,919**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**30-Jan-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,5,Ph**			
Block	:	**2226** **Lot** : **41**	**BIN**	:	**1081910**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$497,400	$87,500
Interior Architecture		$76,200
Mechanical		$75,400
Total	**$497,400**	**$239,100**
Importance Code A	$497,400	$87,500
Importance Code B		$75,400
Importance Code C		$76,200
Total	**$497,400**	**$239,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$1,800	$9,700	$7,500	
Interior Architecture	$57,900	$1,500	$27,700	
Electrical	$25,500	$11,800	$2,500	$2,800
Mechanical	$55,500	$6,300	$34,200	$7,000
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$150,700**	**$39,100**	**$81,800**	**$19,700**
Importance Code A	$1,800	$9,800	$7,500	
Importance Code B	$95,800	$29,300	$61,000	$19,700
Importance Code C	$53,000		$13,200	
Total	**$150,700**	**$39,100**	**$81,800**	**$19,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 263 - M WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%	Now	$381,100	LIFE	* *	5	$87,500	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : West Side, 3rd Floor								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : At Weepholes Throughout								
Weepholes Not Funct, Extent : Moderate, Area Affected : 30%								
Location : East And West Facades, Above Windows								
Masonry: Sandstone	10%	0-2	$59,700	LIFE	* *	5	$7,700	
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : South Side Lower Floor								
Metal Panel	2%			2050	* *	5-10	$14,200	
Window Wall	3%			2050	* *	5	$11,600	
Windows								
Aluminum	100%			2046	* *	5	$15,000	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$46,900	
Masonry: Brick Cavity	45%			LIFE	* *	5	$5,100	
Metal Rail	5%			2043	* *	5-10	$10,300	
Pre-Cast Concrete	10%	0-2	$1,800	LIFE	* *	5	$7,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Upper Roof Into 5th Floor								
Roof								
IRMA/Protected Membrane	100%			2035	* *	10	$56,600	
Gravel/Stone Ballast, Extent : Light, Area Affected : 50%								
Location : Upper Roof Area								
Paver Block Ballast, Extent : Light, Area Affected : 50%								
Location : Over Gymnasium And Cafeteria								
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								
Floors								
Carpet	5%			2029	$104,500	3	$8,900	
Cast in Place Concrete	5%			LIFE	* *	5	$12,900	
Ceramic Tile	5%			2039	* *	5	$5,900	
Traffic Topping	2%			2035	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Science Laboratory								
Explanation : Liquid Applied Floor Coating								
Vinyl Tile	78%			2035	* *	3	$34,600	
Wood	5%			2058	* *	5	$11,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 263 - M WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	20%			2039	* *	5	$42,300	
Concrete Masonry Unit	8%	Now	$31,800	LIFE	* *	5	$6,800	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair B								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Acoustic Concrete Masonry Unit								
Folding Partition	5%			2046	* *	5	$26,500	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Limit Switch								
Gypsum Board	60%			LIFE	* *	5	$76,200	
Masonry: Brick	2%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	75%			2043	* *	5	$84,400	
Exposed Struc: Concrete	5%			LIFE	* *	5	$900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Spandrels At Rooms 307, 309, 407								
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	5%	Now	$2,000	LIFE	* *	5	$7,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Windows On 5th Floor, East And West Side								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : South Side, Along 204th Street								
Free Standing Walls								
Cast in Place Concrete	90%			2065	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Play Yard, Roof Of Gymnasium								
Explanation : Wall Is Actually Metal Panel								
Masonry: Brick	10%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P.S./I.S. 263 - M WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Rated At 2,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2046	* *	5	$300	
Molded Case Bkrs	85%			2052	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$400	
Locally Mounted	2%	Now		2043	* *	5		
Mech. Misoperation, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Explanation : Sensors For Motorized Partition Broken By Gymnasium Activities								
Variable Frequency Drive	18%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%	Now	$23,500	2035	* *			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Ballast Failure								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$9,500	
Exit, LED	50%			2058	* *	1		

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DEPARTMENT OF EDUCATION - 040
P.S./I.S. 263 - M WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2035	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Photocell And Timer								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$5,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$14,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2040	* *	1		
Terminal Devices								
Convector/Radiator	10%			2043	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Main Lobby And Hallways Throughout								
Explanation : Electric Baseboard								
Induction Unit	90%	Now	$13,200	2039	* *	1	$20,600	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Faulty Fan Powered Box Operation. Temperature Controls Issues.								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	$26,500	2035	* *	2	$3,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Faulty Compressor Starters								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Building Management System Front End Not Present								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$102,700	
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 263 - M WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	15%			2035	* *	2	$400	
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Gas Fired	7%	Now		2028	$1,200	2		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement, One Of Two Circulation Pumps Is Leaking.								
Gas Fired	93%			2028	$15,900	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$1,700	
Sewage Ejector(s)								
Electric	100%	4+	$8,300	2030	$41,300	4	$3,100	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement Mechanical Room								
Backflow Preventer								
Generic	100%			2035	* *	1	$4,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$22,100	
Fire Pump								
Generic	100%	Now	$3,800	2033	$75,400	1	$13,300	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Corrosion Occurring. Located In Basement								
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)**		
Address	: **210 CHESTER STREET BTWN: SUTTER AVE., BLAKE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K263**
Program / Asset #	: **BOE0555.000 / 2618**	**Yr Built/Renovated**	: **1955 / 2000**
Area Sq Ft	: **131,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Aug-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3542** **Lot** : **1**	**BIN**	: **3081442**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$169,500	$3,124,500
Interior Architecture	$3,930,000	$367,900
Electrical	$588,800	$808,600
Mechanical	$124,100	$2,986,800
Site Pavements	$52,200	$1,043,700
Total	**$4,864,500**	**$8,331,400**
Importance Code A	$169,500	$4,266,300
Importance Code B	$4,560,600	$3,697,300
Importance Code C	$134,400	$367,900
Total	**$4,864,500**	**$8,331,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$12,900	$24,000	
Interior Architecture	$88,000	$32,100	$5,200	$16,800
Electrical	$28,100	$108,900	$3,900	$4,900
Mechanical	$26,900	$82,600	$36,200	$18,700
Site Enclosure	$3,500			
Site Pavements	$70,000			
Total	**$216,400**	**$236,600**	**$69,300**	**$40,500**
Importance Code A	$13,000	$25,900	$37,000	$13,000
Importance Code B	$169,500	$210,700	$32,300	$27,500
Importance Code C	$33,900			
Total	**$216,400**	**$236,600**	**$69,300**	**$40,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)
Asset # : 2618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$27,600	
Masonry: Brick Cavity	88%	Now	$169,500	LIFE	* *	5	$97,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stairs								
Metal Panel	5%			2050	* *	5-10	$38,000	
Granite Panels	2%			LIFE	* *	5	$1,700	
Windows								
Aluminum	100%			2046	* *	5	$48,000	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$14,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,900	
Roof								
IRMA/Protected Membrane	95%			2030	$2,904,400	10	$122,700	
Metal Panel	3%			2043	* *	10	$7,100	
Modified Bitumen	2%			2035	* *	10	$2,600	
Soffits								
Metal Panel	10%			2050	* *	5-10		
Stucco Cement	90%			2035	* *	5		
Interior								
Floors								
Carpet	5%			2029	$183,400	3	$15,500	
Cast in Place Concrete	10%			LIFE	* *	5	$45,400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Boiler Rooom								
Ceramic Tile	5%	Now	$29,200	2039	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Kitchen And Toilets Throughout								
Terrazzo	5%			LIFE	* *	5	$8,100	
Vinyl Tile	55%	Now	$63,000	2035	* *	3	$42,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridors And Throughout								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	Now	$73,200	2025	$3,659,400	3	$7,800	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms Throughout								
Wood	10%	Now	$24,700	2045	* *	5	$19,400	
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Near Drinking Fountain								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)

Asset # : 2618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	3%	Now	$7,400	2033	$367,900	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,900	
Glazed Ceramic Panel	7%			LIFE	* *			
Plaster	50%	Now	$54,200	LIFE	* *	5	$33,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkheads And Stair 1 And 2								
SGFT/Glazed Masonry	20%	Now	$80,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Ceilings								
AcousTile,Adhered	4%	Now	$26,700	2035	* *	5	$4,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Cafeteria								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
AcousTile,Adhered	31%			2035	* *	5	$64,300	
Exposed Struc: Concrete	50%			LIFE	* *	5	$16,200	
Plaster	15%			LIFE	* *	5	$19,400	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2050	* *			
Iron Picket	30%	4+	$3,500	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$46,900	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : At Tree Pits								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)
Asset # : 2618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	20%	Now	$2,200	2033	$43,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Southwest Side								
Cast in Place Concrete	80%	2-4	$13,600	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$7,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Dumpster								
Activity Yard								
Asphalt	80%	Now	$52,200	2033	$1,043,700			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Conduit	100%			2030	$288,800	1		
Panelboards								
Fused Disc Sw	5%			2029	$15,000	5	$200	
Molded Case Bkrs	80%			2029	$239,500	5	$2,800	
Under Construction	15%							
Wiring								
Braided Cloth	90%	2-4	$359,600	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	10%			2030	$40,000	1		
Motor Controllers								
Locally Mounted	80%			2028	$145,200	5	$700	
Locally Mounted	20%	2-4	$21,800	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Mechanical Room								
Explanation : On Extended Life								
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)
Asset # : 2618

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Sprinkler Room								
Lighting								
Interior Lighting								
Fluorescent	89%			2035	* *	10	$106,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	1%			2025	$36,300	2		
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LEDs Observed								
Egress Lighting								
Emergency, Service	50%			2025	$40,300	1		
Exit, Service	50%			2025	$28,200	1		
Exterior Lighting								
HID	20%			2025	$122,300	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$49,200	1	$9,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2030	$135,200	1-3	$33,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$40,600	
Conversion Equipment								
Steam Boiler	100%			2028	$1,141,800	1	$129,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)
Asset # : 2618

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	30%			2030	$739,600	1	$24,300	
Convector/Radiator	70%			2035	* *	1	$29,600	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	25%			2024	$124,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,000	
Exhaust Fans								
Interior	50%			2030	$290,500	2	$2,000	
Roof	50%	Now	$6,400	2030	$127,100	2	$1,600	
Broken, Extent : Severe, Area Affected : 10%								
Location : 1 Unit On The Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2030	$633,500	4	$13,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$1,300	2025	$26,200	4	$2,800	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Units In Boiler Room Are Run Manually								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$54,300	1-2	$1,100	
Chemical System								
No Component	95%							
Generic	5%			2028	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **PARK EAST HIGH SCHOOL - M**		
Address	: **234 EAST 105 STREET 2ND - 3RD AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M495**
Program / Asset #	: **BOE0134.000 / 1626**	**Yr Built/Renovated**	: **1928 / 2012**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1654** **Lot** : **33**	**BIN**	: **1075643**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$74,000	$199,800
Interior Architecture	$1,472,200	$1,036,900
Electrical	$171,100	$414,000
Mechanical	$724,200	$1,234,900
Total	**$2,441,500**	**$2,885,600**
Importance Code A	$318,500	$199,800
Importance Code B	$2,123,000	$2,685,900
Total	**$2,441,500**	**$2,885,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$45,900	$2,200		$3,600
Interior Architecture	$142,600	$6,600	$1,600	$15,100
Electrical	$11,700	$1,800	$1,900	$104,900
Mechanical	$96,100	$7,400	$10,300	$77,900
Site Pavements	$16,900			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$318,100**	**$22,900**	**$18,700**	**$206,500**
Importance Code A	$46,500	$7,200	$5,000	$8,700
Importance Code B	$229,200	$14,500	$12,900	$197,700
Importance Code C	$42,400	$1,200	$800	
Total	**$318,100**	**$22,900**	**$18,700**	**$206,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK EAST HIGH SCHOOL - M
Asset # : 1626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Bronze/Brass	4%			LIFE	* *			
Masonry: Brick	92%	Now	$74,000	LIFE	* *	5	$44,900	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Gymnasium Near Window								
Masonry: Limestone	4%			LIFE	* *	5	$1,500	
Windows								
Aluminum	70%			2048	* *	5	$16,000	
Aluminum	27%			2054	* *	5	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Windows At Grade								
Explanation : Protective Metal Grilles								
Metal Louvers	3%	Now	$22,900	2047	* *			
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Air Vents Adjacent To Condensate Tank. Basement								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,100	
Masonry: Brick	85%			LIFE	* *	5	$3,400	
Metal Rail	5%			2045	* *	5-10	$3,600	
Roof								
Built-Up (BUR)	60%	Now	$20,000	2032	$199,800			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Connecting Roof Between Library And Gymnasium Volumes, Eastern Edge Of Gymnasium								
Copper/Terne	5%			2047	* *	10	$3,600	
Modified Bitumen	35%			2040	* *	10	$10,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK EAST HIGH SCHOOL - M
Asset # : 1626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%	2-4	$9,900	LIFE	* *	5	$12,800	
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Basement Corridors								
Ceramic Tile	3%			2035	* *	5	$2,500	
Ceramic Tile	2%			2041	* *	5	$1,700	
Panel/Paver: Cer/Brk	10%	Now	$15,900	2040	* *	5	$9,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stair In Elevator Lobby								
Traffic Topping	3%			2037	* *	5	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 4th Floor Science Rooms								
Explanation : Epoxy Coating								
Traffic Topping	10%	0-2	$8,000	2037	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen And 4th Floor Corridors								
Vinyl Tile	45%	Now	$20,700	2032	$1,036,900	3	$14,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Various Classrooms								
Vinyl Tile 9" X 9"	10%			2027	$1,472,200	3	$4,200	
Worn/Eroded, Extent : Light, Area Affected : 35%								
Location : 1st Floor Classrooms								
Wood	10%			2047	* *	5	$15,600	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$2,300	
Ceramic Tile	2%			2041	* *	5	$1,500	
Concrete Masonry Unit	10%	Now	$14,400	LIFE	* *	5	$3,100	
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Classroom Within West Connector Between Library And Gymnasium								
Gypsum Board	5%			LIFE	* *	5	$2,300	
Plaster	75%	Now	$28,000	LIFE	* *	5	$17,300	
Water Penetration, Extent : Severe, Area Affected : 7%								
Location : Gymnasium, 1st Floor Classroom, Main Entry Corridors								
Wood	5%			LIFE	* *	5	$15,300	
Ceilings								
AcousTile,Adhered	15%	Now	$8,100	2037	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Corridors								
AcousTileSusp.Lay-In	10%			2045	* *	5	$8,300	
Gypsum Board	3%			LIFE	* *	5	$3,100	
Plaster	72%	Now	$36,500	LIFE	* *	5	$37,500	
Water Penetration, Extent : Severe, Area Affected : 7%								
Location : Gymnasium, 1st Floor Classroom, Main Entry Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
PARK EAST HIGH SCHOOL - M
Asset # : 1626

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$16,900	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Of Building. 105th Street								

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$25,300	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Main Service Switch Rated At 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	75%			2032	$146,300	5	$200	
Fused Disc Sw	25%			2052	* *	5	$100	
Raceway								
Conduit	80%			2032	$115,700	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	8%			2031	$11,200	5	$100	
Fused Disc Sw	2%			2048	* *	5		
Molded Case Bkrs	20%			2048	* *	5	$300	
Molded Case Bkrs	70%			2031	$97,800	5	$1,000	
Wiring								
Braided Cloth	60%	2-4	$119,800	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Thermoplastic	20%			2032	$39,900	1		
Motor Controllers								
Locally Mounted	20%			2030	$14,300	5	$100	
Locally Mounted	80%			2045	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2037	* *	10	$49,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2037	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK EAST HIGH SCHOOL - M
Asset # : 1626

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2027	$36,900	10	$5,300	
Emergency, Battery	10%			2037	* *	10	$1,300	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
HID	20%			2027	$51,300	10		
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2037	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	10%			2027	$10,300	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	* *	1-3	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	15%			2042	* *	1		
Fuel Oil No 2	85%			2042	* *	5	$14,500	
Conversion Equipment								
Furnace	15%	Now	$500	2032	$25,700	1	$3,700	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : 3 Units In 3rd Floor								
Other Observation, Extent : Light, Area Affected : 15%								
Location : 3rd Floor								
Explanation : 8 Electrical Fan Coil Units								
Steam Boiler	85%	0-2	$244,500	2052	* *	1	$41,700	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 85%								
Location : Basement Boiler Room								
Explanation : 2 Old Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK EAST HIGH SCHOOL - M
Asset # : 1626

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$4,600	
Steam Piping/Pump	85%	Now	$7,500	2032	$374,400			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement, Condensate Return Piping Leaking Profusely And Fuel Pump								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Boiler Room. One Vacuum Pump Out Of Service								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2027	$207,000	1	$6,800	
Convector/Radiator	60%	Now	$5,400	2030	$269,800	1	$9,600	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Explanation : Control Valve Leaking								
Fan Coil Unit/Heat	20%			2027	$272,700	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2027	$31,300	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%	Now	$24,200	LIFE	* *	2-5	$15,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Fan Room								
Needs Cleaning, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
No Component	50%							
Exhaust Fans								
Interior	20%	0-2	$48,800	2042	* *	2	$300	
On Extended Life, Extent : Severe, Area Affected : 20%								
Location : Fan Room								
Roof	30%			2027	$32,000	2	$500	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Galvanized Steel	30%	0-2	$4,200	2030	$210,600	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Water Main And Various Locations								
HW Heat Exchanger								
Steam Fired	100%			2032	$266,000	4	$8,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK EAST HIGH SCHOOL - M
Asset # : 1626

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%	Now	$1,400	2032	$28,800	4	$2,200	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2032	$114,100	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **PARK WEST HIGH SCHOOL - M**		
Address	: **525 W. 50 ST BTWN: 10 AVE., 11 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M535**
Program / Asset #	: **BOE0140.000 / 1631**	**Yr Built/Renovated**	: **1978 / 2014**
Area Sq Ft	: **407,924**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5**		
Block	: **1079** **Lot** : **29**	**BIN**	: **1083802**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$235,800	$422,000
Interior Architecture	$2,964,400	$13,550,900
Electrical	$603,900	$6,058,200
Mechanical	$1,072,400	$512,800
Total	**$4,876,500**	**$20,544,000**
Importance Code A	$235,800	$422,000
Importance Code B	$2,489,100	$19,895,600
Importance Code C	$2,151,600	$226,400
Total	**$4,876,500**	**$20,544,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,400	$13,500		
Interior Architecture	$237,600		$647,900	$74,800
Electrical	$39,400	$100,800	$43,100	$39,800
Mechanical	$216,800	$134,600	$250,800	$125,600
Site Enclosure	$1,300			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$542,400**	**$258,700**	**$951,700**	**$250,100**
Importance Code A	$77,800	$54,800	$40,400	$40,400
Importance Code B	$420,100	$203,900	$911,300	$209,700
Importance Code C	$44,500			
Total	**$542,400**	**$258,700**	**$951,700**	**$250,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	$272,300	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$8,500	
Glass: Special Gauge	2%			LIFE	* *	1		
Masonry: Brick Cavity	55%			LIFE	* *	5	$149,800	
Metal Panel	2%			2050	* *	5-10	$37,400	
Mosaic Tile	5%	Now	$31,500	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Main Entrance								
Pre-Cast Concrete	5%			LIFE	* *	5	$44,200	
Stucco Cement	6%			2043	* *	5	$40,800	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	85%			2038	* *	5	$30,100	
Metal Louvers	15%	4+	$5,900	2039	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : North Side At Sidewalk								
Parapets								
Concrete Masonry Unit	30%			LIFE	* *	5	$11,500	
Masonry: Brick	45%			LIFE	* *	5	$15,200	
Metal Panel	5%			2050	* *	5	$6,600	
Metal Rail	5%			2043	* *	5-10	$30,600	
Metal: Cage/Fence	5%			2043	* *	5-10	$13,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$21,300	
Roof								
IRMA/Protected Membrane	75%			2035	* *	10	$161,100	
Paver: Asphalt	25%	Now	$74,800	2039	* *			
Expansion Joint Failure, Extent : Severe, Area Affected : 25%								
Location : Water Infiltration Through Plaza Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Throughout Roof Plaza								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Throughout Roof Plaza								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Throughout Roof Plaza								
Soffits								
Cast in Place Concrete	25%			LIFE	* *	5		
Stucco Cement	75%			2043	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	6%	Now	$194,400	2026	$647,900	3	$55,000	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Library								
Cast in Place Concrete	11%	Now	$114,300	LIFE	* *	5	$146,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room And Basement Mechanical Spaces								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	3%	0-2	$51,600	2039	* *	5	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Quarry Tile	3%			2043	* *	5	$27,500	
Vinyl Tile	74%	Now	$249,600	2030	$12,481,500	3	$169,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Expansion Joint Locations Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Library								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : At Expansion Joint Locations Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Rooms 420, 430 And Library. Water From Roof - Expansion Joint Defective Above								
Wood	3%	Now	$109,200	2058	* *	5	$17,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout Both Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : Throughout Both Gymnasium								

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DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Cast Stone/Terra Cotta	3%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Precast Acoustical Panels In Auditorium								
Ceramic Tile	5%	Now	$43,300	2039	* *	5	$19,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Concrete Masonry Unit	52%	Now	$768,600	LIFE	* *	5	$163,500	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Folding Partition	3%	Now	$1,306,500	2046	* *	5	$29,500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Partition Walls In Auditorium And Gymnasiums								
Glass: Single Pane	2%			LIFE	* *	5	$11,800	
Metal Panel	8%			LIFE	* *			
Plaster	20%	Now	$76,500	LIFE	* *	5	$47,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 147, 420, 430, And Library								
Wood	2%			LIFE	* *	5	$62,900	

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DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$140,200	2035	* *	5	$54,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Corridors								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout Basement Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout Basement Corridors								
AcousTileSusp.Lay-In	40%	0-2	$77,200	2043	* *	5	$116,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Gymnasium And Library								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Room 420, 430 And Library								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Room 420, 430 And Library								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasiums								
Exposed Struc: Concrete	5%			LIFE	* *	5	$4,500	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%			2030	$452,900			
Metal Panel	5%			LIFE	* *	5	$36,300	
Plaster	20%	Now	$70,600	LIFE	* *	5	$72,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement, 5th floor stair								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Free Standing Walls								
Cast in Place Concrete	100%	4+	$1,300	2065	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Entrance								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 4,000 Ampere Main Disconnect Switches And One 1,200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$780,300	5	$1,400	
Fused Disc Sw	20%			2050	* *	5	$400	
Raceway								
Conduit	90%			2030	$910,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$97,800	5	$900	
Molded Case Bkrs	20%			2046	* *	5	$2,100	
Molded Case Bkrs	70%			2029	$684,600	5	$7,500	
Wiring								
Thermoplastic	90%			2030	$1,213,000	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$381,000	5	$1,900	
Locally Mounted	30%			2043	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$125,500	
Generators								
Diesel	100%			2045	* *	1	$158,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : A New 250 Kilowatt Generator Has Been Installed. It Is Operational, But It Has Not Been Handed To The School.								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$15,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Outdoor								
Fuel Storage								
Day Tank	50%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor, Under Generator								
Explanation : It Is Located Under The New Generator.								
Main Tank	50%			2033	$38,400	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Tank Is Rated 200 Gallons And It Is In Satisfactory Condition.								

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DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$355,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fixtures Are T-8 Lamp Type. They Are In Satisfactory Condition.								
Fluorescent	5%			2035	* *	10	$18,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Fixtures Are Compact Fluorescent; However, The Lighting Control Does Not Work.								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$49,200	
Exit, Service	50%			2030	$87,900	1		
Exterior Lighting								
HID	100%			2030	$1,903,400	10	$1,200	
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$229,700	2040	* *	1	$41,100	
Malfunctioning, Extent : Light, Area Affected : 30%								
Location : Throughout								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2038	* *	1-3	$75,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Floor								
Explanation : Fire Alarm Sytem Was Replaced About 4 Years Ago.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2040	* *	5	$126,400	
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$404,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Repairs In Progress, Extent : N/A, Area Affected : 100%								
Location : Basement Controls For Boilers								
Distribution								
Steam Piping/Pump	100%			2050	* *			
Terminal Devices								
Air Handler	50%			2035	* *	1	$126,100	
Convector/Radiator	25%			2043	* *	1	$32,900	
Fan Coil Unit/Heat	25%			2035	* *	1	$32,900	

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DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	60%			2046	* *	1		
Natural Gas	40%			2050	* *	1		
Conversion Equipment								
Absorption	40%			2038	* *	1	$176,600	
Chiller/Direct Fire								
Centrifugal, Elec Chiller	20%			2043	* *	1	$88,300	
Split Unit	10%			2035	* *			
Window/Wall Unit	30%			2025	$463,600	1		
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2056	* *	4	$30,200	
Terminal Devices								
Air Handler/Cool/Ht	50%			2038	* *	1	$126,100	
Fan Coil - 4 Pipe	50%			2038	* *	1	$65,900	
Heat Rejection								
Water Cooling Tower	100%			2034	* *	2	$410,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$227,500	
Exhaust Fans								
Roof	100%			2035	* *	2	$12,500	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%	Now	$102,800	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Kitchen Grease Traps								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$81,700	4	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Areas								
Explanation : Multiple Duplex Units								
Sewage Ejector(s)								
Electric	100%			2030	$213,600	4	$16,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 50%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : Two Units, 1 Is Broken								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$205,700	
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$22,900	
Fire Pump								
Generic	100%			2026	$389,500	1	$76,200	
Chemical System								
No Component	80%							
Generic	20%			2028	$16,300	1-3	$14,900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **PAUL ROBESON HIGH SCHOOL - BK**		
Address	: **150 ALBANY AVENUE @BERGEN ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K625**
Program / Asset #	: **BOE0651.000 / 689**	**Yr Built/Renovated**	: **1904 / 2000**
Area Sq Ft	: **144,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1223** **Lot** : **42**	**BIN**	: **3030837**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$520,400	$58,900
Interior Architecture	$373,600	$3,840,300
Electrical		$2,357,300
Mechanical	$1,035,200	$2,995,700
Site Enclosure	$53,800	
Total	**$1,982,900**	**$9,252,100**
Importance Code A	$520,400	$58,900
Importance Code B	$1,462,500	$9,193,200
Total	**$1,982,900**	**$9,252,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$17,700	$7,600		
Interior Architecture	$43,300	$45,200		$16,900
Electrical	$14,000	$34,400	$14,800	$15,000
Mechanical	$62,100	$35,100	$39,700	$54,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$145,100**	**$130,200**	**$62,400**	**$94,600**
Importance Code A	$56,300	$21,900	$14,300	$14,600
Importance Code B	$72,600	$108,300	$48,100	$80,000
Importance Code C	$16,200			
Total	**$145,100**	**$130,200**	**$62,400**	**$94,600**

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$46,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Wall								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : Scaffolding Installed Throughout								
Masonry: Brick	50%			LIFE	* *	5	$58,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Wall								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout Basement								
Masonry: Granite	5%			LIFE	* *	5	$4,400	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Wall								
Masonry: Limestone	40%			LIFE	* *	5	$35,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls								
Windows								
Metal Louvers	1%			2045	* *	10	$4,200	
Wood	1%			2040	* *	5	$6,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairwell								
Explanation : One Remaining Wood Window Not In Window Replacement Contract								
Under Construction	98%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Exterior Windows								
Explanation : New Aluminum Windows Being Installed								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$9,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Masonry: Limestone	30%			LIFE	* *	5	$6,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								
Spalling, Extent : Light, Area Affected : 10%								
Location : Decorative Cornice								
Pre-Cast Concrete	10%			LIFE	* *	5	$9,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapets								

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	5%	0-2	$17,700	2047	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Copper/Terne	10%			2060	* *	10	$33,800	
Plaza Roof: Stone Panels	15%	Now	$520,400	2062	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridor, Cafeteria								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement Corridor, Cafeteria								
Under Construction	70%							
Interior								
Floors								
Carpet	2%			2031	$73,600	3	$6,200	
Cast in Place Concrete	10%			LIFE	* *	5	$45,500	
Mosaic Tile	5%			2045	* *	5	$26,000	
Quarry Tile	3%			2045	* *	5	$9,400	
Terrazzo	5%	Now	$19,500	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Entry Vestibules								
Vinyl Tile	65%	0-2	$373,600	2032	$3,735,800	3	$50,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Classrooms And Upper Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 40%								
Location : Classrooms And Upper Corridors								
Wood	10%			2060	* *	5	$39,000	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$6,200	2035	* *	5	$2,800	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Bathrooms								
Recent Repair Evident, Extent : N/A, Area Affected : 2%								
Location : Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,500	
Gypsum Board	10%			LIFE	* *	5	$11,300	
Masonry: Brick	5%			LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room In Basement								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : Repair In Progress								
Marble Panels	1%	0-2	$10,000	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1st Floor Corridors								
Marble Panels	4%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$32,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor								
Repairs in Progress, Extent : N/A, Area Affected : 15%								
Location : 4th Floor								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	Now	$7,700	2037	* *	5	$14,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Gymnasium And Auditorium								
AcousTileSusp.Lay-In	5%			2045	* *	5	$11,900	
Gypsum Board	10%			LIFE	* *	5	$29,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : 4th Floor								
Explanation : Repair In Progress								
Metal Panel	5%			LIFE	* *	5	$14,900	
Plaster	65%			LIFE	* *	5	$97,000	
Plaster	5%			LIFE	* *	5	$7,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Masonry: Fieldstone	100%	Now	$53,800	2042	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Main Entry								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entry Courtyard								
Explanation : Component Actually Granite Panels								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2045	* *			
Masonry: Granite	50%			LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Entry Courtyard								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Explanation : Scaffolding Ontop								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4000 Amperes.								
Transformers								
Dry Type	100%			2037	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kilovolt Amperes, 208 Volts Primary, 480 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Six Vertical Sections								
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	15%			2040	* *	5	$500	
Molded Case Bkrs	85%			2040	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	25%			2037	* *	5	$200	
Variable Frequency Drive	5%			2037	* *			
Under Construction	70%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$44,300	
Generators								
Diesel	100%			2035	* *	1	$55,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$32,100	
Fuel Storage								
Day Tank	30%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallons Rated Capacity								
Main Tank	70%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2032	$2,039,300	10	$125,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2032	$44,400	1		
Exit, Service	50%			2032	$31,000	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	$81,100	1	$16,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2032	$111,400	1-3	$26,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2042	* *	1		
Conversion Equipment								
Steam Boiler	50%	Now	$31,400	2037	* *	1	$64,200	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : No. 1 Boiler Control Panel.								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : No. 2 Boiler Tubes Leak, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Steam Boiler	50%			2037	* *	1	$71,300	
Distribution								
Steam Piping/Pump	100%	Now	$57,700	2042	* *			
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats And Variable Air Volume Boxes, Various Locations								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Fan Coil Unit/Heat	50%			2032	$1,785,100	1	$23,300	
Under Construction	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Air Handlers Are Under Replacement Process.								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	28%			2027	$594,800	1	$18,700	
Reciprocating Compr/Chiller	12%	Now	$5,100	2027	$254,900	1	$7,200	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Chiller No.2 Compressor								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers In Basement								
Window/Wall Unit	20%			2031	$109,100	1		
No Component	40%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2062	* *	4	$2,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Various Locations								
No Component	60%							
Terminal Devices								
No Component	60%							
Under Construction	40%							
Heat Rejection								
Water Cooling Tower	40%			2037	* *	2	$58,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,300	
Exhaust Fans								
Interior	20%			2027	$127,700	2	$900	
Roof	80%			2042	* *	2	$3,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	15%	0-2	$100	2032	$2,600	2		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 1 Condemned Unit Remains. And According To Maintenance Staff, The Hot Water Pipe Is Connected To Toilets.								
Gas Fired	85%			2032	$14,500	2		

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	0-2	$3,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Basement Locker Room								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	0-2	$1,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$28,800	4	$4,600	
Sewage Ejector(s)								
Electric	100%			2032	$75,400	4	$8,600	
Backflow Preventer								
Generic	100%			2032	$64,300	1	$8,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Mezzanine, 1st To 4th Floor								
Explanation : Two Units. Both Units Are Frequently Down Due To Electrical Problem.								
Fire Suppression								
Standpipe								
Generic	100%			2032	$663,000	1-5	$72,600	
Sprinkler								
No Component	85%							
Generic	15%			2032	$298,700	1-2	$6,000	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **PAVE ACADEMY CHARTER SCHOOL - BK**		
Address	: **732 HENRY STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K990**
Program / Asset #	: **BOE1140.000 / 14886**	**Yr Built/Renovated**	: **2013 /**
Area Sq Ft	: **44,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5,Ph**		
Block	: **539** **Lot** : **24**	**BIN**	: **3397377**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$69,600	$271,800
Interior Architecture		$56,700
Mechanical		$2,265,100
Total	**$69,600**	**$2,593,600**
Importance Code A	$69,600	$271,800
Importance Code B		$2,265,100
Importance Code C		$56,700
Total	**$69,600**	**$2,593,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$113,100		$8,400	
Interior Architecture	$88,300		$13,100	$47,300
Electrical	$7,800	$4,100	$5,100	$4,100
Mechanical	$58,400	$37,800	$38,100	$21,100
Site Pavements	$25,100			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$296,700**	**$45,800**	**$68,600**	**$76,500**
Importance Code A	$115,300	$2,200	$10,500	$2,200
Importance Code B	$155,000	$43,700	$58,000	$27,000
Importance Code C	$26,500			$47,300
Total	**$296,700**	**$45,800**	**$68,600**	**$76,500**

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DEPARTMENT OF EDUCATION - 040
PAVE ACADEMY CHARTER SCHOOL - BK
Asset # : 14886

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cement - Fiber Panel	30%	0-2	$24,000	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bulkhead Stair And Courtyard								
Masonry: Brick Cavity	20%			LIFE	* *	5	$35,100	
Metal Panel	45%			2053	* *	5-10	$271,800	
Window Wall	5%	Now	$6,700	2053	* *	5	$8,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Main Lobby								
Windows								
Aluminum	100%	2-4	$69,600	2049	* *	5	$7,300	
Hardware Missing, Extent : Light, Area Affected : 5%								
Location : Windows Throughout								
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$78,800	
Masonry: Brick	10%			LIFE	* *	5-10	$5,200	
Metal Panel	30%			2053	* *	5	$8,900	
Metal Rail	10%			2046	* *	5-10	$13,800	
Roof								
IRMA/Protected Membrane	100%	Now	$21,100	2038	* *			
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : Throughout Roofs								
Gravel/Stone Ballast, Extent : Light, Area Affected : 75%								
Location : Throughout								
Paver Block Ballast, Extent : Light, Area Affected : 25%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : At Roof Drains								
Soffits								
Cement - Fiber Panel	100%			2038	* *	10	$13,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,400	
Quarry Tile	5%			2046	* *	5	$5,700	
Terrazzo	10%			LIFE	* *	5	$11,900	
Vinyl Tile	70%			2038	* *	3	$20,100	
Wood	5%			2061	* *	5	$7,200	
Interior Walls								
Ceramic Tile	50%			2042	* *	5	$94,500	
Gypsum Board	50%	0-2	$26,500	LIFE	* *	5	$56,700	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout All Floors								

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DEPARTMENT OF EDUCATION - 040
PAVE ACADEMY CHARTER SCHOOL - BK
Asset # : 14886

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	75%	0-2	$17,500	2046	* *	5	$26,300	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Corridor								
Exposed Struc: Steel	10%			LIFE	* *	10	$14,000	
Fiber Board	10%			2038	* *			
Gypsum Board	5%			LIFE	* *	5-10	$12,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	50%			2046	* *			
Pavers/Stone	20%			2046	* *			
Rubber Matting	30%	Now	$25,100	2038	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : Play Yard								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : One 3,000 Ampere And One 1,600 Ampere Main Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2053	* *	1		

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PAVE ACADEMY CHARTER SCHOOL - BK
Asset # : 14886

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2046	* *	5	$300	
Variable Frequency Drive	10%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Service Room								
Explanation : Access To Room From The Street								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$38,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout								
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Cafeteria								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$5,300	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Controlled Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%	Now	$4,100	2038	* *	1	$14,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$27,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040
PAVE ACADEMY CHARTER SCHOOL - BK
Asset # : 14886

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2038	* *	1	$21,800	
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$3,300	
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$14,200	
Controls								
Digital	100%			2028	$1,263,700			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Building Management System Monitors And Operates Rooftop Units.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	98%			2033	$724,500	2	$2,600	
Split Unit	2%			2033	$20,900			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$71,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,800	
Exhaust Fans								
Interior	5%			2033	$9,800	2	$100	
Roof	95%			2033	$81,100	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$10,200	2028	$34,200	2		
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Boiler Room - Combustion Air Fan Is Noisy								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Explanation : Water Heater Tank Divided Into 2 Drums, One Of Which Is Defective. 2 Units - 50 Gallons Each.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2033	$19,700	1	$2,700	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PAVE ACADEMY CHARTER SCHOOL - BK
Asset # : 14886

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor To 3rd Floor								
Explanation : 1 Passenger Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$22,200	
Sprinkler								
Generic	100%			2053	* *	1-2	$12,300	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Building Exterior								
Explanation : Missing Cap At Fire Department Connection.								
Fire Pump								
Generic	100%			2036	* *	1	$8,200	
Chemical System								
Generic	100%			2031	$195,800	1-3	$178,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood: 48 Square Feet - 8-ft L X 6-ft W.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **PORT RICHMOND HIGH SCHOOL - SI**		
Address	: **85 ST. JOSEPHS AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R445**
Program / Asset #	: **BOE0949.000 / 1200**	**Yr Built/Renovated**	: **1927 / 2010**
Area Sq Ft	: **240,604**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **1121** **Lot** : **1**	**BIN**	: **5026076**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$300,700	$257,200
Interior Architecture	$507,600	$6,965,700
Electrical	$665,600	$4,008,900
Mechanical	$134,700	$2,407,300
Site Pavements	$266,800	
Total	**$1,875,300**	**$13,639,100**
Importance Code A	$300,700	$360,000
Importance Code B	$1,203,100	$13,225,200
Importance Code C	$371,600	$53,900
Total	**$1,875,300**	**$13,639,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,700		$6,600	$27,900
Interior Architecture	$508,200		$16,600	$37,700
Electrical	$63,300	$34,200	$72,000	$31,100
Mechanical	$183,000	$117,400	$97,600	$104,600
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$821,100**	**$163,400**	**$204,700**	**$213,100**
Importance Code A	$96,500	$23,500	$30,600	$51,400
Importance Code B	$652,800	$140,000	$174,100	$161,800
Importance Code C	$71,800			
Total	**$821,100**	**$163,400**	**$204,700**	**$213,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%	Now	$194,800	LIFE	* *	5	$118,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Chimney And Bulkhead								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Adjacent To Fieldhouse And Chimney								
Masonry: Granite	3%			LIFE	* *	5	$3,000	
Masonry: Limestone	5%	0-2	$105,900	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Sect. OHD	2%			2036	* *	5	$8,400	
Pre-Cast Concrete	2%			LIFE	* *	5	$8,700	
Windows								
Aluminum	98%			2047	* *	5	$55,800	
Metal Louvers	2%			2034	* *	10	$7,100	
Parapets								
Cast in Place Concrete	15%			LIFE	* *	5	$19,300	
Masonry: Brick	70%	Now	$22,100	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$3,900	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Rail	10%			2044	* *	5-10	$22,500	
Roof								
Metal Panel	3%			2044	* *	10	$8,000	
Modified Bitumen	95%			2039	* *	10	$138,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Skylight, Plastic	2%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 2 Skylights								
Soffits								
Stucco Cement	100%			2036	* *	5	$4,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2024	$313,700	3	$35,500	
Cast in Place Concrete	5%	Now	$30,200	LIFE	* *	5	$38,800	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout Basement								
Ceramic Tile	5%			2034	* *	5	$17,700	
Terrazzo	15%			LIFE	* *	5	$41,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	65%	Now	$127,400	2031	$6,369,500	3	$86,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2046	* *	5	$33,300	
Interior Walls								
Cast in Place Concrete	5%	4+	$68,300	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Throughout Basement								
Concrete Masonry Unit	5%	0-2	$33,800	LIFE	* *	5	$7,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Penthouse								
Gypsum Board	10%			LIFE	* *	5	$21,600	
Marble Panels	3%	Now	$38,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$87,400	LIFE	* *	5	$53,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	2%			LIFE	* *	5	$28,700	
Ceilings								
AcousTile,Adhered	10%	Now	$19,300	2036	* *	5	$15,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	Now	$10,000	2036	* *	5	$15,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	25%	4+	$224,500	LIFE	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Fiber Board	10%			2031	$467,300			
Gypsum Board	20%			LIFE	* *	5	$74,900	
Plaster	25%	Now	$45,600	LIFE	* *	5	$46,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	70%			2041	* *			
Iron Picket	30%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Stone Clad								
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Front Facade								
Explanation : Stone Covered Concrete								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$50,900	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	40%			2036	* *			
Under Construction	60%							
Parking/Driveway								
Asphalt	50%	0-2	$57,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cast in Place Concrete	50%	0-2	$158,100	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$102,800	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Main Service Disconnect Switches Rated At 2,000, (2) 2,500, 3,000 And 4,000 Amperes								
Transformers								
Dry Type	100%			2029	$26,700	5	$900	
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$650,200	5	$1,000	

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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2031	$640,600	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$600	
Molded Case Bkrs	90%			2030	$574,800	5	$5,700	
Wiring								
Thermoplastic	95%			2031	$853,600	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	29%			2029	$105,200	5	$500	
Motor Control Center	70%			2029	$1,017,900	5	$4,600	
Variable Frequency Drive	1%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$26,800	1	$74,000	
Generators								
Diesel	100%			2027	$138,700	1	$93,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Room A514								
Explanation : One 200 Kilowatt Capacity								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$53,600	
Fuel Storage								
Day Tank	50%			2039	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallon Tank								
Main Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$213,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	1%			2026	$65,700	2	$100	
LED	1%			2036	* *			
Egress Lighting								
Emergency, Service	20%			2036	* *	1		
Emergency, Battery	30%			2036	* *	10	$17,200	
Exit, Battery	50%			2036	* *	10	$8,000	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	1%			2031	$11,200	10		
Incandescent	1%			2026	$12,900	2		
LED	98%			2039	* *			
Alarm								
Security System								
Generic	50%			2036	* *	1	$44,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2036	* *	1	$44,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2026	$248,300	1-3	$59,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Oil Tanks 10,000 Gallon Each								
Conversion Equipment								
Steam Boiler	10%	Now	$20,700	2036	* *	1	$21,100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 4 Fresh Air Louver/ Dampers Defective At All Boilers In The Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Dual Fuel Steam Boilers.								
Steam Boiler	90%			2036	* *	1	$211,200	
Distribution								
Central Plant Steam Piping/Pmp	100%			2061	* *	4	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : Float And Thermostatic Traps And Terminal Unit Thermostatic Traps Were Upgraded In 2020.								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$44,600	2031	$892,000	1	$26,400	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Defective Controls At Various Locations Throughout								
Convector/Radiator	80%			2036	* *	1	$61,200	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2040	* *	1	$153,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Room; Roof								
Explanation : 2 Water Cooled Chillers Actively Used.								
Centrifugal, Elec Chiller	5%			2040	* *	1	$12,800	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : 2 Packaged Air Cooled Chillers Are Abandoned In Penthouse Mechanical Room On Roof								
Exterior Pkg Unit - Cooling	20%			2036	* *	2	$2,900	
Window/Wall Unit	15%			2026	$134,700	1		
Distribution								
CW & CHW Wtr Pipe/Pump	60%	Now	$4,600	2051	* *	4	$7,000	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Defective Summer/ Winter Mixing Valve Located In Penthouse Mechanical Room								
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2036	* *	1	$146,600	
Heat Rejection								
Water Cooling Tower	60%			2029	$718,300	2	$143,100	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$132,200	
Exhaust Fans								
Roof	100%	Now	$23,000	2031	$459,900	2	$5,800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : 3 Roof Exhaust Fans Inoperable On Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2036	* *	1		
Noisy/Vibrating, Extent : Light, Area Affected : 5%								
Location : One Circulating Pump In Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$35,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$16,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 5%								
Location : 10 Feet Of Cracked Storm Piping In Basement								
Sump Pump(s)								
Non-Submersible	100%	Now	$4,800	2031	$48,200	4	$5,100	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2031	$126,000	4	$9,600	
Backflow Preventer								
No Component	33%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Of 3 Water Mains (sprinkler) Is Missing Backflow Preventer								
Generic	67%	Now	$3,500	2031	$70,900	1	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Of 3 Water Mains, Each Have A Reduced Pressure Zone Device, 1 Of 2 Reduced Pressure Zone Devices Is Leaking.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Freight Unit From Basement To 1st Floor, 2 Passenger Units From 1st To 4th Floor								
Explanation : 3 Elevator Units - One Freight And 2 Passenger Plus One Handicap Lift								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2041	* *	1-2	$6,600	
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **PORT RICHMOND HIGH SCHOOL - SI FIELDHOUSE**
Address : **85 ST. JOSEPHS AVE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0949.010 / 2944**
Area Sq Ft : **2,100**
Date of Survey : **16-Jun-2020**
Areas Surveyed : **Basement, Floors 1**
Block : **1121** **Lot** : **1**

Agency's Number : **R445**
Yr Built/Renovated : **1927 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5026076**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$150,700	
Mechanical		$59,100
Total	**$150,700**	**$59,100**
Importance Code A	$150,700	
Importance Code B		$59,100
Total	**$150,700**	**$59,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$60,600			
Interior Architecture	$19,500			
Electrical			$14,800	
Mechanical	$22,100	$300	$800	$300
Site Enclosure	$600			
Site Pavements	$4,500			
Total	**$107,300**	**$300**	**$15,600**	**$300**
Importance Code A	$71,600	$200	$200	$200
Importance Code B	$24,600	$100	$15,400	$100
Importance Code C	$11,200			
Total	**$107,300**	**$300**	**$15,600**	**$300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI FIELDHOUSE
Asset # : 2944

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$34,500	LIFE	* *	5	$8,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Wood	100%	Now	$15,500	2056	* *	5	$3,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$1,500	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	90%	Now	$9,100	LIFE	* *	5	$1,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	2-4	$150,700	2041	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 55%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$30,100	
Interior Walls								
Cast in Place Concrete	20%	Now	$9,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Plaster	15%	Now	$2,200	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	65%			LIFE	* *			
Ceilings								
Plaster	100%	Now	$8,400	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI FIELDHOUSE
Asset # : 2944

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Not Accessible	100%							
Free Standing Walls								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Concrete Bleachers								
Explanation : Concrete Bleachers Not Accessible Due To Construction Of Athletic Field								
Retaining Walls								
Cast in Place Concrete	100%	Now	$600	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Areaways Stairs To Basement								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$4,500	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Under Construction	100%							
Parking/Driveway								
Under Construction	100%							
Activity Yard								
Under Construction	100%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2036	* *	5		
Raceway								
Conduit	100%			2031	$16,200	1		
Panelboards								
Fused Disc Sw	20%			2030	$6,000	5		
Molded Case Bkrs	80%			2030	$24,000	5		
Wiring								
Braided Cloth	70%			2030	$15,000	1		
Thermoplastic	30%			2031	$6,400	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5		
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$1,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2026	$2,900	2		

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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI FIELDHOUSE
Asset # : 2944

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$300	
Exit, Battery	50%			2031	$1,500	10	$100	
Exterior Lighting								
HID	100%			2026	$9,800	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	$4,800	5	$700	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Field House Yard								
Conversion Equipment								
Steam Boiler	100%	0-2	$11,000	2051	* *	1	$1,900	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Defective And Failed Boiler In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Boiler Unit. Temporary Boiler Installed 3 Years Ago Located Outside Of Field House.								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$5,900	2031	$59,100	4	$100	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Terminal Devices								
Convector/Radiator	100%			2029	$17,200	1	$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,200	
Exhaust Fans								
Interior	100%	0-2	$3,700	2041	* *	2	$100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Locker Room								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$26,800	1		
HW Heat Exchanger								
Steam Fired	100%	Now	$1,000	2031	$10,200	4	$200	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI FIELDHOUSE
Asset # : 2944

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$400	2041	* *	4		
Broken, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **PROSPECT HEIGHTS HIGH SCHOOL -BK**		
Address	: **883 CLASSON AVE. BTWN: UNION ST., PRESIDENT ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K440**
Program / Asset #	: **BOE0628.000 / 1225**	**Yr Built/Renovated**	: **1924 / 2006**
Area Sq Ft	: **246,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5,5Mz**		
Block	: **1187** **Lot** : **1**	**BIN**	: **3029686**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,336,800	$795,100
Interior Architecture	$494,600	$276,900
Electrical	$466,700	$387,900
Mechanical	$2,183,900	$6,079,000
Site Pavements		$244,500
Total	**$4,481,900**	**$7,783,500**
Importance Code A	$1,551,200	$795,100
Importance Code B	$2,865,100	$6,666,200
Importance Code C	$65,700	$322,300
Total	**$4,481,900**	**$7,783,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$38,700		$35,900
Interior Architecture	$106,300	$26,600		$49,600
Electrical	$24,000	$56,700	$24,000	$24,000
Mechanical	$89,300	$123,100	$77,900	$69,700
Site Enclosure	$17,800			
Site Pavements	$31,200			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$278,500**	**$255,000**	**$111,700**	**$189,000**
Importance Code A		$63,600	$24,400	$60,200
Importance Code B	$238,600	$191,300	$87,400	$128,800
Importance Code C	$39,900			
Total	**$278,500**	**$255,000**	**$111,700**	**$189,000**

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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	89%			LIFE	* *	5	$266,700	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Throughout All Elevations								
Masonry: Granite	2%			LIFE	* *	5	$4,500	
Masonry: Limestone	8%			LIFE	* *	5	$18,000	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Throughout All Elevations								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Banding And Sills Throughout								
Metal Panel	1%			2050	* *	5-10	$20,600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Fourth Floor								
Explanation : Located On Fourth Floor Cornice								
Windows								
Aluminum	25%			2052	* *	5	$28,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Gymnasium Wing And Roof Bulkheads								
Metal Louvers	2%			2039	* *	10	$14,200	
Wood	73%	2-4	$1,336,800	2038	* *	5	$416,100	
Air Infiltration, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Sills And Headers Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$13,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$3,700	
Metal Panel	5%			2040	* *	5	$3,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Parapet Cornice								
Explanation : Cornice Caps Flashing								
Metal Rail	10%			2047	* *	5-10	$35,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof Stair And Penthouse Bulkheads								
Roof								
Copper/Terne	10%			2045	* *	10	$31,200	
Modified Bitumen	90%			2038	* *	10	$112,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$60,300	LIFE	* *	5	$77,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room Area								
Cracking/Crumbling, Extent : Moderate, Area Affected : 4%								
Location : Basement Near Kitchen At Expansion Joint								
Ceramic Tile	10%	Now	$39,900	2039	* *	5	$17,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Pool Locker Rooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Pool Locker Room Area, Main Entrance Floor And Basement Toilets								
Marble Panels	3%			LIFE	* *	5	$8,000	
Quarry Tile	10%			2047	* *	5	$53,100	
Terrazzo	5%	4+	$33,100	LIFE	* *	5	$13,800	
Horizontal Cracks, Extent : Light, Area Affected : 1%								
Location : 1st Floor Near Auditorium								
Vinyl Tile	52%	Now	$101,800	2038	* *	3	$69,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkheads								
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout, Cafeteria, Pool, Rooms 303, 307, 544, 536								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Throughout And Room 303								
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Basement Near Kitchen								
Explanation : In Floor Expansion Joint Cracking Tile And Door Thresholds								
Wood	10%			2058	* *	5	$66,400	

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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$65,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Bottom Of Pool Walls								
Ceramic Tile	7%	Now	$33,300	2039	* *	5	$15,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Pool Area								
Concrete Masonry Unit	5%			LIFE	* *	5	$8,600	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stair 1 And 2 And 1st Floor Hallway Column								
Plaster	60%			LIFE	* *	5	$77,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Pool								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Room 504, Boys And Girls Pool Locker Rooms								
Staining/Discoloring, Extent : Moderate, Area Affected : 1%								
Location : Room 303								

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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%			2035	* *	5	$53,100	
Exposed Struc: Concrete	3%	Now	$159,200	LIFE	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Basement Beam								
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement Beam								
Exposed Reinforcement, Extent : Moderate, Area Affected : 1%								
Location : Roof Bulkhead								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Basement And Boys And Girls Pool Locker Rooms								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room By Fuel Pump Area								
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Basement Beam								
Explanation : Steal Beam Is Exposed And Corroding								
Exposed Struc: Concrete	7%			LIFE	* *	5	$3,900	
Exposed Struc: Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Mechanical Penthouse								
Explanation : Metal Decking								
Gypsum Board	10%			LIFE	* *	5	$44,300	
Metal Panel	5%			LIFE	* *	5	$22,100	
Plaster	50%	Now	$107,700	LIFE	* *	5	$110,700	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Gymnasium And Pool Areas								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout 1st, 3rd, And 5th Floors								
Plaster	5%			LIFE	* *	5	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Molding								
Site Enclosure								
Fence/Gates								
Chain Link	18%			2040	* *			
Iron Picket	80%			2050	* *			
Masonry: Brick	2%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$17,800	2050	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Rear Yard Ramp Area								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rear Lower Yard Area								
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$24,600	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 1%								
Location : Corner Of President Street And Classen Avenue								
On-Site Walkways								
Cast in Place Concrete	98%			2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Courtyard On President Street								
Pavers/Stone	2%	Now	$3,000	2033	$59,900			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Various Entry Stairs								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Various Entry Stairs								
Parking/Driveway								
Asphalt	97%	0-2	$3,700	2033	$184,700			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rear Parking Area								
Cast in Place Concrete	3%			2035	* *			
Activity Yard								
Cast in Place Concrete	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2040	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere, One 1,600 Ampere And Three 1,200 Ampere Main Disconnect Switches								
Fused Disc Sw	20%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere Main Disconnect For Emergency								
Transformers								
Dry Type	100%			2035	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$1,100	

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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2050	* *	1		
Conduit	20%			2030	$134,900	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$600	
Molded Case Bkrs	90%			2038	* *	5	$5,800	
Wiring								
Braided Cloth	20%	2-4	$179,700	2055	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	80%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$1,300	
Locally Mounted	20%			2028	$72,600	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$75,700	
Generators								
Diesel	100%			2039	* *	1	$95,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 350 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$54,800	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 100 Gallons								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2038	* *	10	$169,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$11,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	20%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Corridor, Cafeteria, Gymnasium, Auditorium								
Explanation : T-12 Lamp Type Fixtures Were Replaced With LED Fixtures In 2018								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	25%	Now	$287,000	2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior Lighting Fixtures Are Not Operational								
No Component	75%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$27,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Interior								
Explanation : There Are CCTV Cameras Throughout The Building								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2040	* *	1-3	$45,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : New Fire Alarm Panel Installed In 2018								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%	4+	$214,400	2035	* *	1	$219,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler No. 3 Operating On Oil Only In Basement								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	50%	Now	$197,000	2040	* *			
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump Set In Basement								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Float And Thermostatic Traps At Basement								
Explanation : Steam Traps Faulty								
Steam Piping/Pump	50%			2040	* *			
Terminal Devices								
Air Handler	40%	Now	$92,600	2030	$1,851,700	1	$54,800	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Fan Rooms								
Convector/Radiator	58%			2028	$1,166,700	1	$46,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Explanation : Electronic Thermostats Do Not Communicate With Pneumatic Valves. No Heat Control								
Unit Heater - Steam	2%			2030	$28,000	4	$500	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Fan Rooms								
Explanation : Ceiling Hung Unit Heaters								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	Now	$326,600	2030	$1,088,800	1	$30,800	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 5th Floor Air Conditioning Room								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Air Conditioning Room								
Explanation : There Are Two Sets. 1 Control Panel And 2 Compressors Are Down								
Window/Wall Unit	20%			2025	$186,400	1		
No Component	50%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%	0-2	$3,000	2040	* *	4	$3,600	
Corroded, Extent : Light, Area Affected : 100%								
Location : Inlet Valves And Piping Including Pump Base In Basement								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : 1 Of 3 Pumps Not Operating - Stand By								
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2025	$716,000	1	$45,600	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	30%			2025	$169,300	2	$51,400	
No Component	70%							
Dehumidifier								
Generic	2%	Now	$23,900	2035	* *			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Basement Fan Room								
Explanation : Unit Broken Serving Pool Area								
Generic	98%			2035	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$216,100	LIFE	* *	2-5	$137,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
Exhaust Fans								
Interior	60%	Now	$65,500	2030	$654,600	2	$3,600	
Broken, Extent : Severe, Area Affected : 30%								
Location : Exhaust Fan - 1 In Roof Penthouse								
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : Roof Penthouses								
Explanation : Repairs In Progress								
Roof	40%			2035	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2040	* *	1		
Galvanized Steel	40%			2028	$1,256,200	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 120 Gallon Tanks Serving Locker Rooms And One 300 Gallon Serving Building								
HW Heat Exchanger								
Steam Fired	100%	Now	$23,800	2040	* *	4	$24,300	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Chlorine Damage To Pool Heat Exchanger And Piping In Basement								
Damaged, Extent : Severe, Area Affected : 100%								
Location : Defective Thermostatic Control Valve At Pool Heat Exchanger								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$17,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Grounds Surrounding Building								
Sump Pump(s)								
Non-Submersible	100%			2030	$49,200	4	$5,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Pool Filter/Treatment								
Sand	100%			2028	$100	4		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$9,800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	80%							
Generic	20%			2035	* *	1	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement North And Basement South								
Explanation : 3 Services								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$124,000	
Sprinkler								
No Component	75%							
Generic	25%			2040	* *	1-2	$17,200	
Fire Pump								
Generic	100%			2039	* *	1	$45,900	
Chemical System								
No Component	95%							
Generic	5%			2025	$4,100	1-3	$3,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **QUEENS ACADEMY H.S. - Q**		
Address	: **138-11 35 AVENUE @ UNION ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q023**
Program / Asset #	: **BOE0686.000 / 4421**	**Yr Built/Renovated**	: **1900 / 2001**
Area Sq Ft	: **21,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Att**		
Block	: **4956** **Lot** : **55**	**BIN**	: **4112106**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$186,000	$70,000
Interior Architecture	$390,900	$489,500
Electrical		$223,000
Mechanical		$313,900
Site Enclosure	$65,400	
Total	**$642,300**	**$1,096,300**
Importance Code A	$186,000	$70,000
Importance Code B	$390,900	$1,026,300
Importance Code C	$65,400	
Total	**$642,300**	**$1,096,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$52,100			
Interior Architecture	$85,000		$4,700	$3,600
Electrical	$2,900	$2,000	$2,100	$2,500
Mechanical	$39,400	$2,800	$4,200	$2,800
Total	**$179,300**	**$4,800**	**$11,000**	**$9,000**
Importance Code A	$61,300	$2,100	$2,100	$2,100
Importance Code B	$84,400	$2,700	$5,100	$6,900
Importance Code C	$33,700		$3,900	
Total	**$179,300**	**$4,800**	**$11,000**	**$9,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
QUEENS ACADEMY H.S. - Q
Asset # : 4421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$34,500	
Masonry: Brick	95%			LIFE	* *	5	$139,900	
Masonry: Limestone	2%	Now	$116,000	LIFE	* *	5	$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Window Sills At Basement Windows								
Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
Location : Window Sills At Basement Windows								
Windows								
Aluminum	100%			2049	* *	5	$10,200	
Parapets								
Wood Cornice	100%			2053	* *	5-10	$69,500	
Roof								
Copper/Terne	20%			2061	* *	10	$14,200	
Modified Bitumen	5%			2038	* *	10	$1,400	
Slate	75%	Now	$29,700	LIFE	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : At Duct								
Water Penetration, Extent : Moderate, Area Affected : 19%								
Location : Attic								
Soffits								
Stucco Cement	50%			2046	* *	5		
Wood	50%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,400	
Ceramic Tile	5%			2042	* *	5	$2,200	
Vinyl Tile	40%			2033	$489,500	3	$8,900	
Vinyl Tile	15%			2038	* *	3	$2,500	
Vinyl Tile 9" X 9"	5%	Now	$390,900	2043	* *	3	$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Stairs, Room 103								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Wood	25%			2048	* *	5	$20,800	
Interior Walls								
Ceramic Tile	10%			2046	* *	5	$7,800	
Masonry: Brick	25%			LIFE	* *	10	$5,800	
Plaster	65%			LIFE	* *	5-10	$43,000	
Ceilings								
AcousTileSusp.Lay-In	20%			2038	* *	5	$8,900	
Metal Panel	10%			LIFE	* *	5	$11,100	
Plaster	70%			LIFE	* *	5-10	$53,300	
Site Enclosure								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS ACADEMY H.S. - Q
Asset # : 4421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	10%			2043	* *			
Iron Picket	90%	4+	$65,400	2068	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 35th Avenue And Union Street								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : 35th Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Parking								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 800 Amperes And 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2033	$65,000	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Fused Disc Sw	50%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Raceway								
Conduit	60%			2033	$36,700	1		
Conduit	40%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5		
Molded Case Bkrs	30%			2041	* *	5	$200	
Molded Case Bkrs	60%			2032	$59,900	5	$300	

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DEPARTMENT OF EDUCATION - 040
QUEENS ACADEMY H.S. - Q
Asset # : 4421

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$100	
Locally Mounted	10%			2031	$7,200	5		
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	96%			2038	* *	10	$18,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2041	* *	10	$400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Attic And Basement								
LED	2%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : LED Lighting Fixtures								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$2,500	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	10%			2028	$8,400	10	$200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
HID	10%			2028	$9,800	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$7,800	
Fire/Smoke Detection								
Generic, Digital	100%			2033	$54,200	1-3	$13,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
QUEENS ACADEMY H.S. - Q
Asset # : 4421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$9,200	2038	* *	1	$18,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Fresh Air Louvers Broken No. 2 Boiler Igniter Defective								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. Both Units Have Multiple Mechanical Defects.								
Distribution								
Steam Piping/Pump	10%	0-2	$6,700	2043	* *			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Is Leaking								
Steam Traps Faulty, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Steam Piping/Pump	90%			2043	* *			
Terminal Devices								
Convector/Radiator	90%			2031	$154,600	1	$6,100	
Fan Coil Unit/Heat	10%	0-2	$2,600	2033	$52,100	1	$600	
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : The Exits								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$4,800	2031	$47,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations, 5 Units Are Not Working								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$13,000	
No Component	30%							
Exhaust Fans								
Interior	70%			2038	* *	2	$500	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2043	* *	1		
Galvanized Steel	40%			2031	$107,200	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		

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DEPARTMENT OF EDUCATION - 040
QUEENS ACADEMY H.S. - Q
Asset # : 4421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%	Now	$10,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Water Backs Up Into The Basement								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **QUEENS GATEWAY TO HEALTH SCI. -Q**		
Address	: **160-20 GOETHALS AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q695**
Program / Asset #	: **BOE1115.000 / 14571**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **127,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **6858** **Lot** : **1**	**BIN**	: **4439814**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$57,500	$237,300
Interior Architecture	$80,300	$236,200
Electrical	$115,300	
Total	**$253,100**	**$473,500**
Importance Code A	$57,500	$237,300
Importance Code B	$195,600	$80,300
Importance Code C		$155,900
Total	**$253,100**	**$473,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$14,400	$20,500	$41,100
Interior Architecture		$17,800	$17,800	$7,100
Electrical	$22,200	$18,000	$21,400	$17,400
Mechanical	$29,300	$14,300	$24,100	$16,700
Site Pavements	$1,400			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$60,800**	**$72,400**	**$91,600**	**$90,200**
Importance Code A	$6,300	$20,900	$26,800	$47,400
Importance Code B	$53,000	$51,400	$64,900	$42,800
Importance Code C	$1,400			
Total	**$60,800**	**$72,400**	**$91,600**	**$90,200**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$145,300	
Window Wall	7%			2056	* *	5	$41,000	
Windows								
Aluminum	100%			2052	* *	5	$53,600	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$20,100	
Metal Rail	5%			2047	* *	5-10	$21,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$14,900	
Roof								
Copper/Terne	5%			2065	* *	10	$14,400	
IRMA/Protected Membrane	40%			2038	* *	10	$46,000	
IRMA/Protected Membrane	40%			2038	* *	10	$46,000	
	Paver Block Ballast, Extent : Moderate, Area Affected : 100% Location : Upper Roof							
Skylight, Metal/Glass	15%			2056	* *	10	$57,500	
Soffits								
Stucco Cement	100%			2047	* *	5	$2,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,800	
Ceramic Tile	5%			2043	* *	5	$9,500	
Quarry Tile	5%			2047	* *	5	$14,200	
Vinyl Tile	75%			2038	* *	3	$53,400	
Wood	10%			2065	* *	5	$35,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	20%			2043	* *	5	$86,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$17,300	
Glass: Single Pane	5%			LIFE	* *	5	$16,200	
Gypsum Board	60%			LIFE	* *	5	$155,900	
Ceilings								
AcousTileSusp.Lay-In	90%			2047	* *	5	$160,500	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$11,100	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2050	* *			
Iron Picket	80%			2074	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2074	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	20%	4+	$1,400	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	80%			2043	* *			
Parking/Driveway								
Asphalt	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Main Service Disconnect Switches Rated At 3,000 Amperes Each.								
Transformers								
Dry Type	100%			2043	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 750 Kilovolt-ampere, 208 Volts Primary / 480 Volts, 277 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$3,000	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$400	
Variable Frequency Drive	50%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								

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DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$39,100	
Generators								
Diesel	100%			2039	* *	1	$49,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Rear Yard								
Explanation : Emergency Generator Rated At 400 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$4,700	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Rear Yard								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	94%			2035	* *	10	$109,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2035	* *	10	$5,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways And Gymnasium								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$1,200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Gymnasium, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$78,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%	0-2	$700	2050	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Conversion Equipment								
Furnace	100%			2035	* *	1	$62,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 7 Rooftop Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2035	* *	2	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 7 Rooftop Units. R-410a								
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$11,200	LIFE	* *	2-5	$7,100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Building Management System								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$63,700	
Exhaust Fans								
Roof	100%			2035	* *	2	$3,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Electric	50%			2028	$47,300	4		
Gas Fired	50%			2028	$34,200	2		
Sanitary Piping								
Cast Iron	10%	0-2	$3,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : From Kitchen Waste Pan Leaks To Basement Hallway								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$5,100	
Backflow Preventer								
Generic	100%			2038	* *	1	$7,800	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$35,600	
Fire Pump								
Generic	100%			2043	* *	1	$23,700	
Chemical System								
No Component	99%							
Generic	1%			2028	$1,000	1-3	$900	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **QUEENS VOCATIONAL TECH. H.S. - Q**		
Address	: **37-02 47TH AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q600**
Program / Asset #	: **BOE0890.000 / 1456**	**Yr Built/Renovated**	: **1929 / 2005**
Area Sq Ft	: **163,050**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **228** **Lot** : **20**	**BIN**	: **4003259**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$893,700	$265,100
Interior Architecture	$585,100	$61,800
Electrical	$133,700	$330,800
Mechanical	$563,500	$3,379,200
Total	**$2,176,000**	**$4,036,800**
Importance Code A	$893,700	$447,600
Importance Code B	$748,500	$3,589,200
Importance Code C	$533,800	
Total	**$2,176,000**	**$4,036,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,800			$45,500
Interior Architecture		$67,200	$16,500	$41,200
Electrical	$15,900	$39,600	$16,000	$17,000
Mechanical	$53,200	$82,700	$60,800	$57,300
Site Pavements	$43,100			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$123,900**	**$197,400**	**$101,200**	**$168,900**
Importance Code A	$15,400	$11,600	$11,600	$57,400
Importance Code B	$108,500	$185,800	$78,600	$111,400
Importance Code C			$11,000	
Total	**$123,900**	**$197,400**	**$101,200**	**$168,900**

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DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$123,400	
Masonry: Brick Cavity	33%			LIFE	* *	5	$67,900	
Masonry: Limestone	5%			LIFE	* *	5	$7,700	
Pre-Cast Concrete	2%			LIFE	* *	5	$13,400	
Windows								
Aluminum	75%	4+	$762,700	2048	* *	5	$20,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Various								
Aluminum	25%			2048	* *	5	$13,300	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$10,500	
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Bulkheads								
Masonry: Limestone	5%	2-4	$3,800	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Metal Panel	5%			2052	* *	5	$2,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
Roof								
Built-Up (BUR)	40%			2037	* *	10	$44,300	
Copper/Terne	5%			2060	* *	10	$13,800	
IRMA/Protected Membrane	50%	Now	$131,000	2037	* *			
Insul Miss/Displaced, Extent : Severe, Area Affected : 10%								
Location : Upper Roof Of 2005 Building								
Sloped Glazing	5%			LIFE	* *	5	$73,800	
Soffits								
Stucco Cement	100%			2045	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$24,000	
Ceramic Tile	5%			2041	* *	5	$11,000	
Terrazzo	5%	4+	$51,300	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Main Entrance								
Vinyl Tile	65%			2037	* *	3	$53,500	
Wood	20%			2047	* *	5	$82,300	

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DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	8%			2041	* *	5	$21,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,000	
Folding Partition	5%			2048	* *	5	$34,300	
Gypsum Board	30%			LIFE	* *	5	$49,400	
Masonry: Brick	4%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	40%	0-2	$533,800	LIFE	* *	5	$32,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Stair X, Stair Z								
Ceilings								
AcousTileSusp.Lay-In	45%			2045	* *	5	$98,800	
Exposed Struc: Concrete	5%			LIFE	* *	5	$1,700	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$61,800	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2052	* *			
Iron Picket	95%			2067	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2067	* *			
Retaining Walls								
Cast in Place Concrete	60%			2067	* *			
Masonry: Brick	40%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$43,100	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 47th Avenue, 38th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2045	* *			
Activity Yard								
Cast in Place Concrete	100%			2045	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 3000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	$700	

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QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	50%			2042	* *	1		
Conduit	50%			2032	$144,400	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$200	
Fused Disc Sw	5%			2031	$17,000	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$3,900	
Wiring								
Braided Cloth	20%	2-4	$79,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section Of The Building								
Thermoplastic	80%			2042	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$900	
Locally Mounted	20%			2030	$36,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$50,200	
Generators								
Diesel	100%			2035	* *	1	$63,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Courtyard								
Explanation : Emergency Generator Rated At 110 Kilowatts								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$36,300	
Fuel Storage								
Day Tank	30%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Courtyard								
Explanation : 75 Gallons Rated Capacity								
Main Tank	70%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	55%			2040	* *	10	$74,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Old Buiding								
Explanation : T-8 Lamps								
Fluorescent	40%			2037	* *	10	$53,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : New Building								
Explanation : T- 8 Lamps								
LED	5%			2040	* *			
Egress Lighting								
Emergency, Service	20%			2037	* *	1		
Emergency, Service	40%			2040	* *	1		
Exit, Service	40%			2037	* *	1		
Exterior Lighting								
HID	10%			2032	$76,100	10	$100	
LED	10%			2040	* *			
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$18,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2037	* *	1-3	$30,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Toilets, Basement, Auditorium, Gymnasium								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2052	* *	1		
Interruptible Gas/Dual Fuel	60%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7,500 Gallon Tank								

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DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	40%			2032	$182,600	1	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Gas Fired Packaged Rooftop Units								
Steam Boiler	60%			2037	* *	1	$87,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Central Plant Steam Piping/Pmp	50%			2032	$2,062,800	4	$5,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Central Plant Steam Piping/Pmp	10%			2052	* *	4	$1,100	
No Component	40%							
Terminal Devices								
Air Handler	10%			2027	$276,100	1	$9,100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, The Auditorium Blower Is Beyond Its Useful Life Cycle Limit								
Convector/Radiator	50%			2030	$599,800	1	$23,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing, The Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	40%			2037	* *	1	$19,000	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Throughout New Wing Of Building								
Explanation : Variable Air Volume (VAV) Boxes In Ductwork								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2037	* *	2	$3,600	
Window/Wall Unit	40%			2027	$222,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,800	
Exhaust Fans								
Interior	10%			2027	$65,100	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Auditorium Exhaust Fan Is Beyond Its Useful Life Cycle Limit								
Roof	50%			2032	$142,300	2	$2,200	
No Component	40%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2027	$8,500	2		
Gas Fired	50%			2030	$8,500	2		
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2032	$29,400	4	$4,600	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$8,800	
Backflow Preventer								
Generic	100%			2037	* *	1	$9,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2052	* *	1-2	$16,400	
Fire Pump								
Generic	100%	0-2	$2,800	2041	* *	1	$24,700	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement Fire Pump Room, Fire Pump Has Leaky Pump Seal								
Chemical System								
Generic	100%			2031	$391,700	1-3	$357,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **RALPH MCKEE VOCATIONAL H.S. - SI**		
Address	: **290 ST MARK'S PLACE @WALL ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R600**
Program / Asset #	: **BOE0954.000 / 1204**	**Yr Built/Renovated**	: **1935 / 1999**
Area Sq Ft	: **145,856**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **19** **Lot** : **4**	**BIN**	: **5000314**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$90,900	$144,200
Interior Architecture	$9,738,000	$3,096,000
Electrical	$811,700	$1,586,300
Mechanical	$1,907,200	$2,657,400
Site Pavements	$76,500	
Total	**$12,624,300**	**$7,483,800**
Importance Code A	$90,900	$195,500
Importance Code B	$12,332,900	$6,610,300
Importance Code C	$200,400	$677,900
Total	**$12,624,300**	**$7,483,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$30,000	$45,900		$7,900
Electrical	$21,300	$39,100	$15,000	$14,200
Mechanical	$102,600	$51,200	$39,100	$21,300
Site Pavements	$7,600			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$169,400**	**$144,100**	**$62,100**	**$51,300**
Importance Code A	$25,700	$14,800	$14,400	$14,400
Importance Code B	$124,000	$129,400	$47,600	$36,800
Importance Code C	$19,600			
Total	**$169,400**	**$144,100**	**$62,100**	**$51,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	53%			LIFE	* *	5	$53,200	
Masonry: Granite	10%			LIFE	* *	5	$7,500	
Masonry: Limestone	30%			LIFE	* *	5	$22,600	
Metal Coiling Doors	2%			2043	* *	5	$6,300	
Granite Panels	5%			LIFE	* *	5	$3,800	
Windows								
Wood	100%			2046	* *	5	$181,900	
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$45,900	
Ceramic Tile	5%			2033	$592,100	5	$10,500	
Terrazzo	10%			LIFE	* *	5	$16,400	
Vinyl Tile	30%			2030	$1,740,600	3	$31,500	
Vinyl Tile 9" X 9"	25%			2025	$9,267,000	3	$19,700	
Wood	20%			2045	* *	5	$78,800	
Interior Walls								
Ceramic Tile	3%	0-2	$12,000	2033	$601,400	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%	2-4	$69,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	70%			LIFE	* *	5	$76,500	
SGFT/Glazed Masonry	20%	2-4	$131,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	15%	0-2	$10,100	2035	* *	5	$19,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Embossed Metal	10%			LIFE	* *	5	$9,500	
Exposed Struc: Concrete	10%	2-4	$62,900	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	65%	Now	$207,600	LIFE	* *	5	$85,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	10%			2040	* *			
Iron Picket	90%			2065	* *			
Retaining Walls								
Masonry: Brick	25%			2050	* *			
Masonry: Fieldstone	75%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$76,500	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : St. Marks Place								
On-Site Walkways								
Cast in Place Concrete	95%	0-2	$7,600	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : St. Marks Place								
Masonry: Granite	5%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2030	$46,300	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2030	$5,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$292,600	5	$600	
Raceway								
Conduit	97%			2030	$280,200	1		
Conduit	3%			2056	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Panelboards								
Fused Disc Sw	15%			2029	$44,900	5	$500	
Molded Case Bkrs	85%			2029	$254,500	5	$3,300	
Wiring								
Thermoplastic	97%			2030	$387,600	1		
Thermoplastic	3%			2056	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2028	$181,400	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$44,900	
Generators								
Natural Gas	100%			2033	$138,700	1	$56,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 80 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$5,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$131,100	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2035	* *			
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Emergency, Battery	5%			2035	* *	10	$1,800	
Exit, Service	35%			2025	$22,000	1		
Exit, Service	10%			2035	* *	1		
Exterior Lighting								
HID	100%			2025	$680,600	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$16,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$27,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	90%			2035	* *	1	$130,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Steam Boiler	10%	0-2	$12,700	2043	* *	1	$13,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes Of No.3 Boiler, Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$23,400	2040	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2025	$549,000	1	$18,000	
Convector/Radiator	70%			2028	$834,900	1	$33,000	
Fan Coil Unit/Heat	10%	0-2	$7,200	2025	$361,600	1	$4,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2024	$414,400	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,300	
Exhaust Fans								
Interior	90%			2025	$582,200	2	$4,000	
Roof	10%			2025	$28,300	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2040	* *	1		
Galvanized Steel	60%			2028	$1,117,200	1		
Water Heater With Tanks								
Gas Fired	10%	0-2		2025	$1,700	2		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Circulation Pump								
Gas Fired	90%			2028	$15,400	2		
HW Heat Exchanger								
Steam Fired	100%			2030	$705,300	4	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	0-2	$36,700	LIFE	* *	1		
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$2,900	2030	$29,200	4	$3,100	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Basement, Sump Pump								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 5th Floor, One Unit From Basement To 4th Floor								
Explanation : 2 Units. Both Are Down Frequently Due To Parts Are Out Of Market.								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	$4,100	
Chemical System								
No Component	99%							
Generic	1%			2024	$800	1-3	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : For The Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **REGION 3 / ROC C - Q**		
Address	: **30-48 LINDEN PLACE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q859**
Program / Asset #	: **BOE1052.000 / 14267**	**Yr Built/Renovated**	: **1955 / 1993**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,6,Ph**		
Block	: **4370** **Lot** : **50**	**BIN**	: **4100749**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,272,900	$143,700
Interior Architecture	$302,000	$2,566,500
Electrical		$1,910,200
Mechanical		$1,662,600
Site Pavements	$216,200	
Total	**$2,791,000**	**$6,283,000**
Importance Code A	$2,272,900	$143,700
Importance Code B	$167,200	$6,081,500
Importance Code C	$350,900	$57,800
Total	**$2,791,000**	**$6,283,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,500			
Interior Architecture	$137,600		$3,300	$14,200
Electrical	$11,800	$8,700	$9,900	$10,400
Mechanical	$167,500	$27,100	$83,200	$23,000
Site Enclosure	$18,700			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$392,000**	**$47,700**	**$108,300**	**$59,500**
Importance Code A	$53,700	$9,200	$9,200	$9,200
Importance Code B	$298,500	$38,500	$95,800	$50,300
Importance Code C	$39,800		$3,300	
Total	**$392,000**	**$47,700**	**$108,300**	**$59,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REGION 3 / ROC C - Q
Asset # : 14267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	0-2	$1,288,600	LIFE	* *	5	$78,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Metal, Corrugated	5%			2043	* *	1		
Metal Coiling Doors	1%			2038	* *	5	$3,800	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Window Wall	29%	Now	$530,000	2043	* *	5	$65,500	
Glazing Clouded, Extent : Moderate, Area Affected : 60%								
Location : Various Locations Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Metal Louvers	100%	4+	$44,500	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Parapets								
Masonry: Brick	45%	0-2	$120,200	LIFE	* *	5	$9,500	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	45%			2043	* *	5	$36,800	
Metal Panel	10%			2043	* *	5	$8,200	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Coping								
Roof								
Built-Up (BUR)	100%	Now	$334,100	2038	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Light, Area Affected : 10%								
Location : North								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : South Side Above Computer Laboratory								
Soffits								
Cement - Fiber Panel	100%			2038	* *	10	$21,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REGION 3 / ROC C - Q
Asset # : 14267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$12,600	2032	$125,800	3	$10,700	
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor Room 302								
Cast in Place Concrete	30%	4+	$72,600	LIFE	* *	5	$93,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Garage Floor Near Garage Entrance Door								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Garage Area								
Ceramic Tile	5%	Now	$40,100	2036	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : First Floor Female Bathroom								
Vinyl Tile	60%			2033	$2,358,500	3	$42,700	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$6,600	
Concrete Masonry Unit	20%			LIFE	* *	5	$21,100	
Gypsum Board	73%	0-2	$134,700	LIFE	* *	5	$57,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Soffits								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$21,100	
Ceilings								
AcousTileSusp.Lay-In	80%	Now	$94,600	2038	* *	5	$56,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 6th Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Below Ceiling Units On 5th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 6th Floor								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$8,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,200	
Gypsum Board	10%			LIFE	* *	5-10	$48,900	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	2-4	$18,700	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

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DEPARTMENT OF EDUCATION - 040
REGION 3 / ROC C - Q
Asset # : 14267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	$216,200	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, Area Affected : 2%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. Basement								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	30%			2033	$476,100	10	$25,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	60%			2033	$952,100	10	$51,200	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$78,100	10	$11,200	
Exit, LED	50%			2048	* *	1		

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DEPARTMENT OF EDUCATION - 040
REGION 3 / ROC C - Q
Asset # : 14267

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2033	$87,300	1	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	50%			2038	* *	1	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$239,900	1-3	$59,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Smoke Detector, Manual Pull Box And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2043	* *	1		
Natural Gas	95%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$92,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$6,900	
Terminal Devices								
Air Handler	95%			2033	$1,662,600	1	$54,600	
Fan Coil Unit/Heat	5%			2038	* *	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040
REGION 3 / ROC C - Q
Asset # : 14267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Heat Pump Air Sourced	78%			2034	* *	2	$4,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted At Each Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 33 Units								
Heat Pump Air Sourced	20%			2034	* *	2	$1,100	
Split Unit	2%			2033	$44,200			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : 2 Units Serve Main Distribution Frame Room In The Basement								
Distribution								
Ductwork/Diffusers	2%	Now	$40,800	LIFE	* *	2	$2,400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Ductwork/Diffusers	98%			LIFE	* *	2	$148,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$57,500	
Heat Rejection								
Water Cooling Tower	100%			2034	* *	2	$93,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit Installed In 2017								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,100	
Exhaust Fans								
Roof	100%			2038	* *	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2043	* *	1		
Galvanized Steel	48%			2038	* *	1		
Galvanized Steel	2%	Now	$23,700	2053	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Riser From Basement To Penthouse								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit Installed In 2005								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,000	

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DEPARTMENT OF EDUCATION - 040
REGION 3 / ROC C - Q
Asset # : 14267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2033	$48,700	4	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement. Pump Room 013								
Explanation : 4 Pumps								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 6th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$46,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No Backflow Preventer On The Water Main Service For Standpipe.								
Sprinkler								
No Component	80%							
Generic	20%			2053	* *	1-2	$5,200	
Dry System, Extent : Light, Area Affected : 100%								
Location : Basement And Garage								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **REGIONAL OPERATIONS CENTER - BK**		
Address	: **131 LIVINGSTON STREET BTWN: BOREUM PL., SMITH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K802**
Program / Asset #	: **BOE0660.000 / 335**	**Yr Built/Renovated**	: **1907 / 2010**
Area Sq Ft	: **123,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Feb-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,6**		
Block	: **154** **Lot** : **1**	**BIN**	: **3000420**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$892,400	$264,300
Interior Architecture	$3,991,200	$129,300
Electrical	$764,900	$893,100
Mechanical	$559,500	$3,696,300
Total	**$6,208,000**	**$4,982,900**
Importance Code A	$892,400	$264,300
Importance Code B	$5,199,500	$4,718,600
Importance Code C	$116,100	
Total	**$6,208,000**	**$4,982,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$44,500	$6,600	$54,900	
Interior Architecture	$1,025,800	$2,500		$54,200
Electrical	$30,100	$45,400	$5,600	$3,700
Mechanical	$43,200	$37,400	$47,800	$19,000
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$1,155,400**	**$103,700**	**$120,100**	**$88,800**
Importance Code A	$56,600	$19,000	$67,100	$12,200
Importance Code B	$1,066,700	$84,700	$53,000	$76,600
Importance Code C	$32,100			
Total	**$1,155,400**	**$103,700**	**$120,100**	**$88,800**

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DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$105,800	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 1%								
Location : South Facade								
Masonry: Brick	80%	Now	$892,400	LIFE	* *	5	$108,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Courtyard And West Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Metal Panel	5%			2056	* *	5-10	$46,600	
Metal Coiling Doors	5%			2043	* *	5	$21,200	
Windows								
Aluminum	80%			2046	* *	5	$22,800	
Aluminum	5%	4+	$13,600	2052	* *	5	$700	
Air Infiltration, Extent : Severe, Area Affected : 75%								
Location : Operable Windows In Glass Block								
Glass Block	10%	4+	$30,900	LIFE	* *	5	$1,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Penthouse								
Wood	5%			2046	* *	5	$14,200	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,100	
Masonry: Brick	85%			LIFE	* *	5	$11,100	
Metal Panel	10%			2056	* *	5	$5,100	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$50,100	
Copper/Terne	5%			2065	* *	10	$6,600	
Interior								

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DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	50%	2-4	$892,300	2029	$1,784,600	3	$151,400	
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Cast in Place Concrete	15%	Now	$51,500	LIFE	* *	5	$66,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2039	* *	5	$10,100	
Terrazzo	5%	Now	$47,200	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	15%	Now	$16,700	2035	* *	3	$11,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%			2025	$3,561,800	3	$7,600	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$8,000	
Metal Panel	15%	Now	$61,800	LIFE	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Marble Panels	5%	Now	$28,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$54,300	LIFE	* *	5	$33,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$31,900	
Ceilings								
AcousTile,Adhered	25%	Now	$32,500	2035	* *	5	$25,200	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,200	
Metal Panel	15%	Now	$200,500	LIFE	* *	5	$37,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Corrugated Vaults Throughout Basement								
Plaster	50%	Now	$61,400	LIFE	* *	5	$63,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2,500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	20%			2050	* *	5	$100	
Fused Knife Sw	80%	2-4	$260,100	2060	* *	5	$200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2030	$160,100	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$25,900	5	$300	
Fused Knife Sw	10%	2-4	$25,900	2055	* *	5	$100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2029	$51,900	5	$600	
Molded Case Bkrs	60%			2046	* *	5	$1,900	
Wiring								
Braided Cloth	80%	2-4	$311,600	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	85%			2028	$39,800	5	$700	
Locally Mounted	15%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								

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REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$107,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Type Fixtures Installed Two Years Ago.								
Incandescent	5%			2025	$90,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$103,200	10	$14,800	
Exit, Service	50%			2025	$26,500	1		
Exterior Lighting								
HID	100%			2030	$573,900	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$46,200	1	$9,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2035	* *	1-3	$30,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 6,000 Gallon And One 4,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$121,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Convector/Radiator	100%			2028	$1,005,800	1	$39,700	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	20%			2030	$584,200			
Window/Wall Unit	40%			2025	$186,400	1		
Water Cooled interior Pkg Unit	40%	Now	$265,000	2028	$883,400	2		
Broken, Extent : Severe, Area Affected : 30%								
Location : 6th Floor Mechanical Room Not Functioning								
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2040	* *	4	$900	
Ductwork/Diffusers	20%			LIFE	* *	2	$32,000	
No Component	70%							
Heat Rejection								
Water Cooling Tower	40%			2028	$248,500	2	$49,500	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$108,000	LIFE	* *	2-5	$68,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Fresh Air Intake Steam Coils On 6th Floor In Mechanical Room								
Exhaust Fans								
Interior	50%			2030	$272,800	2	$1,900	
Roof	50%			2030	$119,300	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2040	* *	1		
Galvanized Steel	10%			2028	$157,000	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$300	2028	$17,100	2		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Tank In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$12,300	2030	$24,600	4	$2,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : 1 Of 2 Pumps								
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Float For Both Pumps								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 6th Floor, One Unit From 1st To 6th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$62,000	
Sprinkler								
No Component	75%							
Generic	25%			2030	$425,200	1-2	$8,600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, 3rd And 6th Floors								
Explanation : Limited Coverage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX**		
Address	: **1180 REVEREND JAMES A POLITE AVE @ HOME ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X099**
Program / Asset #	: **BOE1098.000 / 14449**	**Yr Built/Renovated**	: **1940 / 2009**
Area Sq Ft	: **74,742**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **2692** **Lot** : **14**	**BIN**	: **2005276**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$4,318,000	$611,600
Interior Architecture	$61,700	
Electrical		$1,064,400
Mechanical	$147,900	$955,600
Total	**$4,527,600**	**$2,631,600**
Importance Code A	$4,370,200	$611,600
Importance Code B	$157,500	$2,020,000
Total	**$4,527,600**	**$2,631,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$128,100		$6,300	
Interior Architecture	$186,100		$45,800	$5,200
Electrical	$15,600	$12,200	$13,600	$14,600
Mechanical	$77,200	$11,900	$22,800	$11,900
Site Pavements	$23,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$434,200**	**$28,000**	**$92,400**	**$35,600**
Importance Code A	$137,400	$6,700	$13,000	$6,700
Importance Code B	$177,300	$21,300	$79,500	$26,600
Importance Code C	$119,500			$2,400
Total	**$434,200**	**$28,000**	**$92,400**	**$35,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX

Asset # : 14449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$370,200	
Masonry: Brick	90%	Now	$3,511,700	LIFE	* *	5	$426,500	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Foundation Wall Into Sub Basement Fan Room								
Masonry: Limestone	5%			LIFE	* *	5	$35,500	
Windows								
Aluminum	95%	Now	$42,900	2049	* *	5	$9,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Cafeteria, Staircases, Gymnasium And Classrooms								
Wood	5%	Now	$38,100	2058	* *	5	$4,700	
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Basement Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room								
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$19,400	
Masonry: Limestone	5%			LIFE	* *	5-10	$2,500	
Metal Cornice	5%	Now	$10,500	2048	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : North End								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : North And South Ends								
Metal Rail	10%			2046	* *	5-10	$7,300	
Metal: Cage/Fence	10%			2046	* *	5-10	$3,100	
Roof								
Copper/Terne	5%			2061	* *	10	$8,400	
Modified Bitumen	85%	Now	$621,200	2043	* *			
Blisters, Extent : Severe, Area Affected : 20%								
Location : Gymnasium Room, Main Roof								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Main Roof								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 3rd Floor								
Plaza Roof: Stone Panels	10%			2053	* *			
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX

Asset # : 14449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$49,400	
Ceramic Tile	5%			2042	* *	5	$5,600	
Quarry Tile	5%			2046	* *	5	$8,500	
Sheet Vinyl/Rubber	5%			2038	* *	5	$8,500	
Terrazzo	3%			LIFE	* *	5	$5,300	
Traffic Topping	5%			2038	* *	5	$7,100	
Vinyl Tile	25%			2038	* *	3	$10,600	
Wood	6%	4+	$20,200	2061	* *	5	$6,300	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	36%			2061	* *	5	$76,100	
Interior Walls								
Cast in Place Concrete	5%	Now	$36,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stair In Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fan Room And Stair In Basement								
Ceramic Tile	5%			2042	* *	5	$4,800	
Metal: Cage/Fence	5%	4+	$12,000	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Stairwells								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwell								
Explanation : Metal And Glass Partitions								
Granite Panels	5%			LIFE	* *	10	$1,900	
Plaster	60%			LIFE	* *	5-10	$48,800	
SGFT/Glazed Masonry	20%	Now	$34,400	LIFE	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Gymnasium At Broken Basketball Hoop								
Ceilings								
AcousTileSusp.Lay-In	30%			2038	* *	5	$33,800	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$21,200	
Metal Panel	5%	Now	$3,700	LIFE	* *	5	$7,100	
Bent/Warped Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Plaster	50%			LIFE	* *	5-10	$96,900	
Site Enclosure								
Fence/Gates								
Chain Link	65%			2053	* *			
Iron Picket	35%			2068	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX
Asset # : 14449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	60%			2036	* *			
Cast in Place Concrete	40%	Now	$3,200	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Stair At Rear Yard								
Activity Yard								
Asphalt	35%	0-2	$20,100	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basketball Court Play Area, Track								
Under Construction	65%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Amperes Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$500	
Variable Speed Drives, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$23,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX
Asset # : 14449

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2042	* *	1	$28,900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 255 Kilowatts, 319 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,800	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$1,002,800	10	$61,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	5%			2033	$44,300	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Hight Intensity Discharge								
LED	5%			2041	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Led Light								
Egress Lighting								
Emergency, Service	50%			2033	$23,000	1		
Emergency, Battery	5%			2033	$6,300	10	$900	
Exit, Service	45%			2033	$14,500	1		
Exterior Lighting								
HID	5%			2028	$17,400	10		
Not in Service, Extent : Severe, Area Affected : 2%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Photocell								
LED	15%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$27,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Cameras Security System And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX

Asset # : 14449

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$46,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	80%			2053	* *	5	$18,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Gasoline Piping Installed But Not Used								
Natural Gas	20%			2053	* *	1		
Conversion Equipment								
Furnace	20%	0-2	$9,300	2033	$46,500	1	$6,700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof. Two Units Not Working								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 4 Units								
Steam Boiler	80%	0-2	$52,100	2038	* *	1	$53,300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room. One Boiler Not Working. One Refurbished								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$13,200	
Steam Piping/Pump	80%	0-2	$95,800	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement. Feed Water Pump Not Efficient								
Not in Service, Extent : Moderate, Area Affected : 75%								
Location : Boiler Room. 6 Out Of 8 Vacuum, Condensate Pump Not Working								
Terminal Devices								
Air Handler	20%			2033	$281,300	1	$9,200	
Convector/Radiator	60%			2038	* *	1	$14,500	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	5%			2033	$88,700			
Window/Wall Unit	75%			2031	$212,400	1		
No Component	20%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX
Asset # : 14449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,000	
Exhaust Fans								
Interior	20%	0-2	$33,100	2033	$66,300	2	$400	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : 3rd Floor Exhaust Fan Not Working								
Roof	80%			2033	$116,000	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$190,800	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$2,300	4	$2,400	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$37,700	
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$600	
Chemical System								
No Component	98%							
Generic	2%			2032	$7,800	1-3	$7,100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 96 Square Feet Kitchen Fire Suppression System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **RICHMOND EARLY LEARNING CENTER**
Address : **159 BROADWAY @ HENDERSON AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **ACS0004.000 / 13414**
Area Sq Ft : **22,752**
Date of Survey : **23-Dec-2021**
Areas Surveyed : **Roof, Floors 1,2**
Block : **174** **Lot** : **6**
Agency's Number : **N/A**
Yr Built/Renovated : **1973 / 2009**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5004830**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$169,800	
Interior Architecture	$125,100	
Electrical		$573,900
Mechanical		$514,400
Total	**$294,900**	**$1,088,300**
Importance Code A	$169,800	
Importance Code B	$125,100	$1,088,300
Total	**$294,900**	**$1,088,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,400		$13,700	
Interior Architecture	$57,400		$14,300	$3,900
Electrical	$2,900	$2,100	$2,400	$2,600
Mechanical	$28,500	$10,700	$17,700	$5,900
Site Pavements	$7,500			$300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$132,700**	**$16,800**	**$52,000**	**$16,600**
Importance Code A	$34,000	$600	$15,300	$600
Importance Code B	$40,400	$16,200	$36,700	$14,700
Importance Code C	$58,300			$1,300
Total	**$132,700**	**$16,800**	**$52,000**	**$16,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND EARLY LEARNING CENTER
Asset # : 13414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$8,500	
Concrete Masonry Unit	30%	Now	$91,400	LIFE	* *	5	$5,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : All Facades								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : All Facades								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : All Facades								
Masonry: Brick	67%	Now	$78,400	LIFE	* *	5	$19,000	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$3,700	
Parapets								
Metal Panel	15%			2053	* *	5	$2,100	
Metal: Cage/Fence	85%			2046	* *	5-10	$23,500	
Roof								
Modified Bitumen	20%	Now	$11,000	2041	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : First Floor								
Play Surface	80%	Now	$15,300	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : First Floor								
Soffits								
Metal Panel	100%			2053	* *	5-10	$6,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,800	
Ceramic Tile	5%	Now	$3,800	2042	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Toilets								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout Toilets								
Uneven Surface, Extent : Light, Area Affected : 5%								
Location : Toilet Rooms								
Quarry Tile	5%			2046	* *	5	$2,000	
Vinyl Tile	85%	2-4	$125,100	2038	* *	3	$8,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND EARLY LEARNING CENTER
Asset # : 13414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$2,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,300	
Gypsum Board	85%	Now	$49,100	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%			2046	* *	5	$26,600	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	80%			2053	* *			
Iron Picket	20%			2053	* *			
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Throughout West Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	90%	Now	$1,500	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Side Of Building								
Metal	8%	Now	$6,000	2053	* *	1-3	$800	
Cracked Weld, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Loose Connections, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Surface Wearing/Scaling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal	2%			2063	* *	1-3	$200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND EARLY LEARNING CENTER
Asset # : 13414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. 1st Floor								
Explanation : Three 200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$130,000	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room At 1st Floor								
Explanation : The Switchboard Bus Bar Rated At 1,360 Amperes								
Raceway								
Conduit	30%			2033	$18,400	1		
Conduit	70%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5		
Molded Case Bkrs	20%			2032	$20,000	5	$100	
Molded Case Bkrs	75%			2041	* *	5	$500	
Wiring								
Thermoplastic	90%			2043	* *	1		
Thermoplastic	10%			2033	$7,700	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	5%			2033	$17,000	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
Fluorescent	95%			2033	$322,200	10	$19,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$19,100	10	$2,700	
Exit, Service	50%			2033	$4,900	1		
Exterior Lighting								
HID	20%			2033	$21,200	10		
No Component	80%							
Alarm								

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DEPARTMENT OF EDUCATION - 040
RICHMOND EARLY LEARNING CENTER
Asset # : 13414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2033	$21,400	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Intrusion Alarm								
Generic	50%			2033	$21,400	1	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Security Cameras System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$58,700	1-3	$14,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	50%			2053	* *	1		
Natural Gas	50%			2053	* *	1		
Conversion Equipment								
Furnace	50%			2033	$35,400	1	$5,600	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : Two HVAC Units								
Radiant Heater	50%			2038	* *	2	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Electrical Baseboard Radiant Heat								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	$382,300	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$37,000	
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$2,000	
Ductwork/Diffusers	90%			LIFE	* *	2-5	$18,100	

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DEPARTMENT OF EDUCATION - 040
RICHMOND EARLY LEARNING CENTER
Asset # : 13414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	20%			2038	* *	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$70,900	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$900	
Backflow Preventer								
Generic	100%			2038	* *	1	$1,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To The Roof								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	10%							
Generic	90%			2053	* *	1-2	$5,700	
Chemical System								
Generic	100%			2031	$61,200	1-3	$55,800	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : 15 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **RICHMOND HILL HIGH SCHOOL - Q**		
Address	: **89-30 114TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q475**
Program / Asset #	: **BOE0884.000 / 1476**	**Yr Built/Renovated**	: **1929 / 2012**
Area Sq Ft	: **210,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Nov-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4,Att,Ph**		
Block	: **9321** **Lot** : **1**	**BIN**	: **4195688**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$354,700	$870,400
Interior Architecture	$1,958,000	$326,600
Electrical	$974,400	$2,617,200
Mechanical	$1,517,000	$6,937,800
Total	**$4,804,200**	**$10,752,000**
Importance Code A	$354,700	$2,803,600
Importance Code B	$3,666,900	$7,884,000
Importance Code C	$782,700	$64,400
Total	**$4,804,200**	**$10,752,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$13,200			$25,600
Interior Architecture	$42,200	$4,600		$52,400
Electrical	$2,400	$6,800	$8,300	$8,000
Mechanical	$46,200	$30,800	$48,300	$108,500
Site Enclosure	$4,900			
Site Pavements	$12,800			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$126,500**	**$47,100**	**$61,500**	**$199,500**
Importance Code A	$34,000	$20,800	$20,800	$46,900
Importance Code B	$74,800	$21,700	$40,700	$152,600
Importance Code C	$17,700	$4,600		
Total	**$126,500**	**$47,100**	**$61,500**	**$199,500**

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DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2067	* *	10	$22,400	
Masonry: Brick	83%			LIFE	* *	5	$158,300	
Masonry: Limestone	10%			LIFE	* *	5	$14,300	
Repairs in Progress, Extent : Light, Area Affected : 25% *Location : Throughout*								
Weathering Steel	2%			LIFE	* *	1		
Windows								
Aluminum	97%	Now	$69,800	2040	* *	5	$36,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 1% *Location : Classroom*								
Metal Louvers	3%			2041	* *	10	$14,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$30,500	
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Metal Panel	5%			2042	* *	5	$6,600	
Roof								
Built-Up (BUR)	45%	Now	$284,800	2032	$712,100			
Drains Clogged, Extent : Severe, Area Affected : 15% *Location : Above Stair 2 To 3, 4 To 5, 7 To 8, 11 To 12* *Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%* *Location : Over Fourth Floor* *Water Penetration, Extent : Severe, Area Affected : 15%* *Location : Above Stair 2 To 3, 4 To 5, 7 To 8, 11 To 12, And Pool*								
Copper/Terne	5%			2060	* *	10	$16,900	
Paver: Asphalt	10%			2041	* *	10	$20,300	
Skylight, Metal/Glass	5%			2042	* *	10	$22,600	
Slate	35%	Now	$13,200	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2% *Location : Throughout*								
Interior								

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DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$128,400	
Mosaic Tile	4%	Now	$220,200	2037	* *	5	$14,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Girls Locker And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Staff Bathrooms, Girls Locker, And Kitchen								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Staff Bathrooms And Girls Locker								
Mosaic Tile	4%			2049	* *	5	$29,300	
Marble Panels	2%	Now	$64,400	LIFE	* *	5	$4,400	
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Stair								
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	38%	Now	$61,600	2037	* *	3	$41,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Rooms 210 And 304								
Wood	14%			2047	* *	5	$77,000	
Wood	11%	0-2	$385,000	2047	* *	5	$30,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Attic Classrooms, Gymnasium Running Track And Science Rooms								
Under Construction	2%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium								
Explanation : Construction								

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DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%	Now	$404,800	2047	* *	5	$6,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Pool And Staff Bathrooms And Girls Locker								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Pool And Staff Bathrooms								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Kitchen Wall Abutting Main Building								
Ceramic Tile	3%			2045	* *	5	$9,200	
Glass: Single Pane	2%			LIFE	* *	5	$4,600	
Gypsum Board	2%			LIFE	* *	5	$3,700	
Masonry: Brick	10%	Now	$116,800	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor Under Gymnasium								
Marble Panels	3%			LIFE	* *			
Plaster	70%	Now	$261,100	LIFE	* *	5	$64,400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Stairs And Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs 4 To 5 And 11 To 12								
SGFT/Glazed Masonry	3%			LIFE	* *			
Under Construction	3%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium								
Explanation : Construction								

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DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$9,400	2037	* *	5	$7,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Attic Classrooms								
AcousTileConcealSpLn	3%	0-2	$14,200	2037	* *	5	$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Exposed Struc: Concrete	15%	Now	$131,900	LIFE	* *	5	$6,900	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Pool								
Metal Panel	2%	2-4	$3,900	LIFE	* *	5	$7,300	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	70%	Now	$312,300	LIFE	* *	5	$128,400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Attic Classrooms And Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor Corridor, Stairwells								
Plaster	3%			LIFE	* *	5	$5,500	
Under Construction	2%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Auditorium								
Explanation : Construction								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2058	* *			
Iron Picket	30%	2-4	$4,900	2052	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Iron Picket	20%			2076	* *			
Retaining Walls								
Concrete Masonry Unit	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2045	* *			
Masonry: Granite	50%	Now	$12,800	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Entry Steps								

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DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	70%			2045	* *			
Rubber Matting	30%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Sport Field								
Explanation : Astro Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	$102,800	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$650,200	5	$900	
Raceway								
Conduit	90%			2032	$606,800	1		
Conduit	10%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	$63,900	5	$500	
Molded Case Bkrs	80%			2031	$510,900	5	$4,400	
Molded Case Bkrs	10%			2040	* *	5	$600	
Wiring								
Braided Cloth	70%	2-4	$628,900	2057	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2032	$179,700	1		
Thermoplastic	10%			2042	* *	1		
Motor Controllers								
Locally Mounted	90%			2030	$326,600	5	$1,300	
Locally Mounted	10%			2037	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$183,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2040	* *			

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DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2032	$176,200	10	$25,300	
Exit, Service	50%			2032	$45,300	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2040	* *	1	$23,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$162,500	2042	* *	1-3	$35,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Equipment And On Extended Life. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2032	$488,300	5	$65,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 20,000 Gallons Tank								
Conversion Equipment								
Steam Boiler	100%			2030	$1,830,400	1	$208,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units. No.3 Unit Retubes Is In Progress								
Distribution								
Steam Piping/Pump	10%	0-2	$3,400	2032	$168,200			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return Lines								
Steam Piping/Pump	90%			2032	$1,513,500			
Terminal Devices								
Air Handler	20%			2027	$790,400	1	$26,000	
Convector/Radiator	75%			2030	$1,287,900	1	$50,900	
Fan Coil Unit/Heat	5%			2027	$260,300	1	$3,400	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2031	$477,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$46,800	
No Component	60%							
Exhaust Fans								
Interior	40%			2027	$372,500	2	$2,600	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2042	* *	1		
Galvanized Steel	20%			2030	$536,200	1		
HW Heat Exchanger								
Steam Fired	100%			2042	* *	4	$20,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One For Pool, One For Kitchen, One For Building								
Explanation : Three Units								
Sanitary Piping								
Cast Iron	15%	0-2	$7,900	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	85%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	15%	0-2	$2,200	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	85%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2027	$42,000	4	$4,400	
Pool Filter/Treatment								
Sand	2%	Now	$2,200	2030	$11,000	4		
Corroded, Extent : Severe, Area Affected : 60%								
Location : Scupper Lines, Valves, Circulating Lines And Pumps								
Sand	98%			2030	$537,900	4	$2,000	
Backflow Preventer								
Generic	100%			2027	$93,800	1	$12,900	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Sidewalk Hoist From Basement To First Floor, 1 Passanger Unit From Basement To 4th Floor								
Explanation : One Sidewalk Hoist, One Passanger Elevator								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2032	$87,100	1-2	$1,800	
Chemical System								
No Component	99%							
Generic	1%			2027	$800	1-3	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SAMUEL GOMPERS HIGH SCHOOL - BX**		
Address	: **455 SOUTHERN BLVD. @E. 145 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X655**
Program / Asset #	: **BOE0335.000 / 326**	**Yr Built/Renovated**	: **1935 / 2008**
Area Sq Ft	: **164,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **2576** **Lot** : **26**	**BIN**	: **2003883**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$686,000	$129,400
Interior Architecture	$1,024,100	$1,553,400
Electrical	$128,600	$1,021,600
Mechanical	$92,200	$550,300
Site Pavements	$424,300	
Total	**$2,355,200**	**$3,254,800**
Importance Code A	$686,000	$129,400
Importance Code B	$1,615,700	$3,125,400
Importance Code C	$53,500	
Total	**$2,355,200**	**$3,254,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$14,600		$4,500	
Interior Architecture	$64,600	$6,200	$9,300	$9,300
Electrical	$4,600	$4,700	$10,000	$3,700
Mechanical	$92,300	$86,300	$84,500	$83,200
Site Enclosure	$44,000			
Site Pavements	$8,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$236,600**	**$105,100**	**$116,200**	**$104,100**
Importance Code A	$29,200	$14,600	$19,500	$14,600
Importance Code B	$151,700	$90,500	$96,700	$89,500
Importance Code C	$55,700			
Total	**$236,600**	**$105,100**	**$116,200**	**$104,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$129,400	
Masonry: Granite	5%			LIFE	* *	5	$5,400	
Masonry: Limestone	5%	Now	$113,200	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : East Facade								
Windows								
Aluminum	85%	Now	$317,200	2047	* *	5	$16,600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Wood	15%	Now	$141,500	2056	* *	5	$29,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Classrooms								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$19,900	
Masonry: Limestone	20%			LIFE	* *	5	$6,700	
Metal Rail	5%			2044	* *	5-10	$24,000	
Roof								
Built-Up (BUR)	60%	4+	$63,400	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Library, Rooms 316, 307 And Stair D And C, North Tower								
Cast in Place Concrete	25%	Now	$50,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Parking Over Chiller Room								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Over Chiller Room In Basement								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Over Chiller Room								
Explanation : Deflection Evident								
Copper/Terne	10%			2059	* *	10	$22,700	
Modified Bitumen	5%			2036	* *	10	$4,500	
Soffits								
Masonry: Granite	5%			LIFE	* *	5		
Stucco Cement	95%			2044	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$27,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Chiller Room								
Ceramic Tile	5%			2034	* *	5	$12,400	
Quarry Tile	5%			2036	* *	5	$18,700	
Terrazzo	5%	2-4	$23,300	LIFE	* *	5	$9,700	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Steps In Staircase C And D								
Vinyl Tile	20%			2031	$1,374,600	3	$18,700	
Vinyl Tile	5%	Now	$6,900	2036	* *	3	$4,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Corridor								
Vinyl Tile 9" X 9"	25%	Now	$548,900	2041	* *	3	$23,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Basement								
Wood	30%	0-2	$222,600	2059	* *	5	$70,000	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Rooms 116, 117								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Chiller Room								
Ceramic Tile	5%	Now	$12,100	2034	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets And Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$53,500	LIFE	* *	5	$33,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Towers, Library								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2044	* *	5	$24,900	
AcousTileSusp.Lay-In	3%			2044	* *	5	$7,500	
Exposed Struc: Concrete	10%			LIFE	* *	5	$3,900	
Exposed Struc: Concrete	5%	Now	$93,200	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Chiller Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Chiller Room								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Chiller Room								
Metal Panel	2%			LIFE	* *	5	$6,200	
Plaster	70%	Now	$105,900	LIFE	* *	5	$108,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$26,800	2051	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Iron Picket	50%	4+	$5,800	2066	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Wales Avenue								
Free Standing Walls								
Cast in Place Concrete	100%	Now	$2,200	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Handball Court On Wales Avenue								
Retaining Walls								
Cast in Place Concrete	100%	Now	$9,100	2066	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Tinton Avenue								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$90,300	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Tinton Avenue And Wales Avenue								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Tinton Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$8,700	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Steps On Tinton Avenue								
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Asphalt	100%	Now	$334,000	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Throughout Play Yard								
Sinking/Subsiding, Extent : Severe, Area Affected : 50%								
Location : Throughout Play Yard								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2041	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$700	
Raceway								
Conduit	20%			2041	* *	1		
Conduit	80%			2031	$231,100	1		
Panelboards								
Fused Disc Sw	3%			2039	* *	5	$100	
Fused Disc Sw	7%			2030	$23,800	5	$300	
Molded Case Bkrs	20%			2039	* *	5	$900	
Molded Case Bkrs	70%			2030	$237,500	5	$3,000	
Wiring								
Thermoplastic	80%			2041	* *	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$127,000	5	$800	
Locally Mounted	30%			2036	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	4%			2026	$97,800	10	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : T-12 Lamps								
Fluorescent	90%			2039	* *	10	$135,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	6%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$137,600	10	$19,800	
Exit, Service	50%			2031	$35,400	1		
Exterior Lighting								
HID	20%			2031	$153,000	10	$100	
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	95%							
Generic	5%			2046	* *	5		
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside And Hallways								
Explanation : CCTV Surveillance System								
Generic	10%			2026	$30,800	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$20,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Some Classrooms, Sub-basement And Basement								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2051	* *	1		
Natural Gas	80%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%			2036	* *	1	$16,200	
Steam Boiler	80%			2044	* *	1	$129,900	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$92,200	2051	* *	4	$8,100	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various								
Terminal Devices								
Air Handler	40%			2036	* *	1	$40,600	
Air Handler	10%	0-2	$30,900	2036	* *	1	$9,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Blower Leaking Steam Line								
Convector/Radiator	50%			2044	* *	1	$26,500	
Air Conditioning								
Energy Source								
Electricity	20%			2047	* *	1		
Natural Gas	80%			2051	* *	1		
Conversion Equipment								
Absorption Chiller/Direct Fire	75%			2036	* *	1	$133,100	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement								
Explanation : 2 Units Using Lithium Bromide. Water As A Refrigerant								
Reciprocating Compr/Chiller	10%			2031	$241,900	1	$7,600	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Auditorium Roof								
Reciprocating Compr/Chiller	5%	0-2	$6,000	2036	* *	1	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : The Refrigerant For The Unit Serving The Auditorium Is Low. Unit Does Not Produce Sufficient Cold Air.								
Split Unit	5%			2039	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : R-410 Refrigerant								
Window/Wall Unit	5%			2029	$31,100	1		
Distribution								
CW & CHW Wtr Pipe/Pump	75%			2057	* *	4	$9,100	
No Component	25%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	90%			2036	* *	1	$91,300	
Fan Coil - 2 Pipe	10%			2039	* *	1	$5,300	
Heat Rejection								
Air Cooled Condenser Unit	25%			2039	* *	2	$28,600	
Water Cooling Tower	75%			2035	* *	2	$123,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,400	
Exhaust Fans								
Interior	80%			2036	* *	2	$4,000	
Roof	20%			2036	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	50%			2026	$11,800	4		
Gas Fired	50%			2030	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$3,300	2036	* *	4	$3,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room. Pump Discharge Is Very Low Leading To Water Overflow On Floor								
Backflow Preventer								
No Component	80%							
Generic	20%			2031	$14,600	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : For Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2031	$226,800	1-2	$4,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2029	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SAMUEL J. TILDEN HIGH SCHOOL -BK**		
Address	: **5800 TILDEN AVE. BTWN: EAST 59 ST., EAST 58 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K415**
Program / Asset #	: **BOE0624.000 / 686**	**Yr Built/Renovated**	: **1930 / 2003**
Area Sq Ft	: **245,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4742** **Lot** : **1**	**BIN**	: **3104598**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,970,700	$408,400
Interior Architecture	$720,300	$400,200
Electrical	$767,800	$2,025,200
Mechanical	$1,996,100	$5,726,300
Site Enclosure	$58,900	
Site Pavements	$69,400	$1,389,000
Total	**$6,583,300**	**$9,949,000**
Importance Code A	$2,970,700	$511,200
Importance Code B	$3,327,600	$9,385,200
Importance Code C	$284,900	$52,600
Total	**$6,583,300**	**$9,949,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$31,500		
Interior Architecture	$54,000	$48,800		$19,500
Electrical	$61,600	$31,800	$31,800	$30,300
Mechanical	$159,400	$33,400	$54,200	$66,200
Site Enclosure	$30,300			
Site Pavements	$77,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$390,900**	**$153,400**	**$93,900**	**$123,900**
Importance Code A	$24,300	$56,300	$24,300	$24,300
Importance Code B	$249,200	$97,100	$69,700	$99,600
Importance Code C	$117,500			
Total	**$390,900**	**$153,400**	**$93,900**	**$123,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$105,000	
Copper/Terne	5%			2065	* *	10	$31,500	
Masonry: Brick	85%			LIFE	* *	5	$228,500	
Water Penetration, Extent : Light, Area Affected : 5% *Location : At Room 327*								
Masonry: Limestone	5%			LIFE	* *	5	$10,100	
Windows								
Aluminum	95%	Now	$2,140,600	2046	* *	5	$74,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40% *Location : Throughout* *Hardware Missing, Extent : Moderate, Area Affected : 25%* *Location : Throughout*								
Glass Block	5%			LIFE	* *	5	$4,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$17,100	
Masonry: Brick	85%			LIFE	* *	5	$37,500	
Metal Security Bars	10%			2045	* *			
Roof								
Built-Up (BUR)	93%	Now	$764,200	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25% *Location : Over Third Floor* *Embedded Gravel Surface, Extent : Light, Area Affected : 100%* *Location : Throughout* *Water Penetration, Extent : Moderate, Area Affected : 10%* *Location : Basement Fan Room*								
Metal Panel	5%			2043	* *	10	$21,500	
Skylight, Metal/Glass	2%	Now	$65,900	2050	* *			
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Over Pool*								
Interior								

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DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$170,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	10%	Now	$110,000	2039	* *	5	$19,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Pool And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : At Pool And Toilets Throughout								
Terrazzo	15%	4+	$109,500	LIFE	* *	5	$45,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Entrance And Corridors								
Vinyl Tile	40%	Now	$86,200	2035	* *	3	$58,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Classroom 120 And Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors Throughout								
Wood	15%	0-2	$69,800	2045	* *	5	$54,900	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Gymnasiums 1, 2 And Classrooms Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Gymnasiums 1 And 2								
Interior Walls								
Ceramic Tile	5%	Now	$17,500	2039	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Pool And Toilets Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : At Pool And Toilets Throughout								
Concrete Masonry Unit	5%	Now	$30,000	LIFE	* *	5	$6,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Classroom C1								
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%	Now	$140,700	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Floor Corridors								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Main Floor Corridors								
Plaster	55%	Now	$85,400	LIFE	* *	5	$52,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms B61, 229 And Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms B61, 229 And Throughout								
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$97,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classroom 130 And Throughout								
AcousTileSusp.Lay-In	5%	Now	$6,500	2035	* *	5	$9,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Classrooms B61 And Throughout								
Exposed Struc: Concrete	15%			LIFE	* *	5	$9,100	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	50%	Now	$118,700	LIFE	* *	5	$122,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilet In Basement And Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2050	* *			
Iron Picket	50%	0-2	$30,300	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Free Standing Walls								
Concrete Masonry Unit	100%	Now	$58,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At School Entrances At East 57th Street And 59th Street								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : At School Entrances At East 57th Street And 59th Street								
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$38,100	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	80%			2043	* *			
Masonry: Granite	20%	0-2	$39,600	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Entrance Steps								
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
Activity Yard								
Asphalt	100%	0-2	$69,400	2033	$1,389,000			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$102,800	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated At 4,000 Amperes And 2,500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2050	* *	5	$500	
Fused Disc Sw	50%			2030	$325,100	5	$500	
Raceway								
Conduit	80%			2030	$539,400	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$31,900	5	$300	
Fused Disc Sw	5%			2046	* *	5	$300	
Molded Case Bkrs	45%			2038	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : L P 3-5								
Explanation : Nuisance Tripping Of Circuit Breakers Reported								
Molded Case Bkrs	45%			2029	$287,400	5	$2,900	
Wiring								
Braided Cloth	40%	2-4	$359,400	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$181,400	5	$800	
Locally Mounted	50%			2035	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$75,400	
Generators								
Diesel	100%			2033	$138,700	1	$94,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 175 Kilowatt								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$54,600	

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DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallon Tank								
Main Tank	50%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	80%			2035	* *	10	$179,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	10%			2030	$290,100	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium 3 And Pool								
Explanation : HID Fixtures								
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium 1 And 2								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Service	50%			2030	$75,500	1		
Exit, Service	50%			2030	$52,800	1		
Exterior Lighting								
HID	50%	Now	$114,300	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Exterior Walls								
HID	50%	Now	$114,300	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof Mounted Parapet Fixtures								
Alarm								
Security System								
Generic	70%			2035	* *	1	$64,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Intrusion Alarm System								
Generic	30%			2035	* *	1	$27,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								

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DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$45,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors, Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Vault								
Explanation : Two 15,000 Gallon Tanks No. 2 Fuel Oil With Four Steam Boilers								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$242,600	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Boiler Does Not Operate On Oil								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Four Units								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$137,800	2050	* *	4	$12,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Piping Near Pool Filter, Vacuum Condensate Pumps And Near Hot Water Heat Exchanger								
Terminal Devices								
Air Handler	10%	Now	$46,100	2030	$461,100	1	$13,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Leaks In Auditorium Air Handler								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Multiple Fans Not Working								
Convector/Radiator	40%			2035	* *	1	$31,700	
Fan Coil Unit/Heat	50%	Now	$911,200	2030	$3,037,200	1	$35,600	
Other Observation, Extent : Severe, Area Affected : 40%								
Location : All Floors								
Explanation : 40 Percent Of Units Not Working								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%	Now	$13,400	2030	$134,300	2	$600	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Lower Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Ext Pkg Unit - Heating/Cooling	5%			2030	$205,800	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : One Unit On Roof								
Window/Wall Unit	80%			2025	$742,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$136,600	
Exhaust Fans								
Interior	95%			2030	$1,032,300	2	$7,100	
Roof	5%	Now	$2,400	2030	$23,800	2	$300	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : 1 Of 7 Fans Broken								
Plumbing								
H/C Water Piping								
Brass/Copper	80%	Now	$50,300	2040	* *	1		
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Basement								
Explanation : Bad Valves On Water Service								
Galvanized Steel	20%			2028	$625,600	1		
Water Heater With Tanks								
Electric	30%			2028	$7,100	4		
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement Next To Pool								
Explanation : 1 Unit								
Gas Fired	70%			2028	$12,000	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room And Pool Filter Room								
Explanation : Two Units 180 Gallon Tanks Serving Locker Rooms Only And Gas Fired Back Up In Boiler Room For Seasonal Use								
HW Heat Exchanger								
Steam Fired	100%			2040	* *	4	$36,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallon Unit								

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DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$154,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Water Backs Up At 59th Street Basement And 2nd Floor Bathroom Rusty Grease Trap								
Storm Drain Piping								
Cast Iron	100%	Now	$17,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2035	* *	4	$5,200	
Pool Filter/Treatment								
Sand	100%			2043	* *	4	$60,700	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Pool Filter Room								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pool Filter Room								
Explanation : 3 Old Discontinued Units Remain								
Sewage Ejector(s)								
Electric	100%	Now	$38,500	2035	* *	4	$9,800	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : 1 Of 2 Units Broken								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement To 3rd Floor, One Unit From Basement To 1st Floor								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$169,400	1-2	$3,400	
Chemical System								
Wet	2%			2028	$1,600	1-3	$1,700	
No Component	98%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)		
Address	: 49 FLATBUSH AVE. EXT. BTWN: CONCORD ST., CHAPEL ST.		
Borough	: BROOKLYN	**Agency's Number**	: K805
Program / Asset #	: BOE0663.000 / 336	**Yr Built/Renovated**	: 1921 / 2014
Area Sq Ft	: 173,000	**Project Type**	: EDUCATION
Date of Survey	: 21-Feb-2019	**Landmark Status**	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,4,5,7,8		
Block	: 2106 **Lot** : 9	**BIN**	: 3059161

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$359,200	$605,500
Interior Architecture		$244,700
Electrical	$321,200	$1,104,500
Mechanical	$302,000	$4,004,200
Total	**$982,500**	**$5,958,800**
Importance Code A	$359,200	$740,000
Importance Code B	$623,200	$5,114,600
Importance Code C		$104,200
Total	**$982,500**	**$5,958,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$30,700	$2,600	$13,200	$14,900
Interior Architecture	$148,200		$13,300	$4,100
Electrical	$23,000	$18,200	$17,800	$16,900
Mechanical	$35,100	$54,000	$63,500	$30,800
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$260,700**	**$98,500**	**$131,500**	**$90,300**
Importance Code A	$45,700	$18,000	$28,200	$29,900
Importance Code B	$138,700	$80,500	$103,300	$60,400
Importance Code C	$76,200			
Total	**$260,700**	**$98,500**	**$131,500**	**$90,300**

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DEPARTMENT OF EDUCATION - 040
SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)
Asset # : 336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	85%	Now	$359,200	LIFE	* *	5	$300,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	1%			LIFE	* *	5	$700	
Recent Repair Evident, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Metal Panel	1%			2056	* *	5-10	$4,900	
Metal: Cage/Fence	3%	4+	$400	2047	* *	5	$4,600	
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Mesh Cladding At Exterior Fire Stair								
Stucco Cement	10%	Now	$20,000	2043	* *	5	$8,800	
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	10%	Now	$10,300	2046	* *	5	$1,100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Aluminum	90%			2046	* *	5	$19,400	
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$238,200	
Recent Repair Evident, Extent : N/A, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2050	* *	5	$5,300	
Metal Rail	5%			2047	* *	5-10	$24,500	
Stucco Cement	5%			2043	* *	5	$3,500	
Roof								
Built-Up (BUR)	95%			2040	* *	10	$67,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%			2060	* *	10	$11,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)
Asset # : 336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$89,400	
Ceramic Tile	3%			2039	* *	5	$6,100	
Panel/Paver: Cer/Brk	2%			2038	* *	5	$9,200	
Quarry Tile	2%			2043	* *	5	$6,100	
Vinyl Tile	52%			2035	* *	3	$39,800	
Vinyl Tile	15%	Now	$16,900	2035	* *	3	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	1%	Now	$18,000	2040	* *	3	$800	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2058	* *	5	$19,200	
Interior Walls								
Cast in Place Concrete	3%	2-4	$33,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	7%			2039	* *	5	$20,300	
Gypsum Board	60%			LIFE	* *	5	$104,200	
Masonry: Brick	3%	Now	$33,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$21,700	
Ceilings								
AcousTileSusp.Lay-In	50%	Now	$34,000	2043	* *	5	$51,100	
Broken/Missing Elements, Extent : Light, Area Affected : 30%								
Location : Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5	$16,000	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 4,000 Amperes								

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DEPARTMENT OF EDUCATION - 040
SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)
Asset # : 336

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$700	
Raceway								
Conduit	50%			2040	* *	1		
Conduit	50%			2030	$184,100	1		
Panelboards								
Fused Disc Sw	10%			2038	* *	5	$400	
Molded Case Bkrs	20%			2029	$59,900	5	$900	
Molded Case Bkrs	70%			2038	* *	5	$3,200	
Wiring								
Braided Cloth	30%	2-4	$168,800	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	70%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$53,200	
Generators								
Diesel	100%			2039	* *	1	$67,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Generator Rated At 360 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$6,400	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 250 Gallon Capacity								
Main Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)
Asset # : 336

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$152,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps Type Fixtures Were Installed Three Years Ago.								
LED	4%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasiums								
Explanation : LED Type Lighting Fixtures Were Installed In The Gymnasiums Three Years Ago.								
Egress Lighting								
Emergency, Service	50%			2030	$53,300	1		
Exit, Service	50%			2030	$37,300	1		
Exterior Lighting								
HID	100%			2030	$807,200	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$19,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2038	* *	1-3	$32,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2050	* *	1		
Interruptible Gas/Dual Fuel	75%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								

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DEPARTMENT OF EDUCATION - 040
SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)
Asset # : 336

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	25%			2030	$134,500	1	$21,400	
Other Observation, Extent : Light, Area Affected : 25%								
Location : Roof								
Explanation : 4 Gas Fired Rooftop Package Units								
Steam Boiler	75%			2043	* *	1	$128,500	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement								
Explanation : Three Steam Boilers								
Distribution								
Steam Piping/Pump	75%			2030	$1,039,000			
No Component	25%							
Terminal Devices								
Convector/Radiator	55%			2028	$778,100	1	$30,700	
Fan Coil Unit/Heat	25%			2030	$1,072,300	1	$14,000	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%	Now	$72,700	2035	* *	2	$2,100	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Building Controls Are Not Operational								
R-134a Refrigerant, Extent : Light, Area Affected : 25%								
Location : 4 Units, Roof								
Split Unit	5%			2030	$205,400			
Window/Wall Unit	35%			2025	$229,400	1		
No Component	35%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$45,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,500	
Exhaust Fans								
Interior	25%			2030	$191,800	2	$1,300	
Roof	75%			2030	$251,800	2	$4,000	
Plumbing								
H/C Water Piping								
Brass/Copper	85%			2040	* *	1		
Galvanized Steel	15%			2028	$331,300	1		

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DEPARTMENT OF EDUCATION - 040
SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)
Asset # : 336

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And 8th Floor								
Explanation : 8th Floor Unit Serves 7th And 8th Floors. Basement Unit Serves All Other Floors								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$10,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From 1st To 8th Floor, One Unit From Basement To 8th Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$87,200	
Sprinkler								
Generic	100%			2050	* *	1-2	$48,500	
Fire Pump								
Generic	100%			2039	* *	1	$32,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Located In Fire Pump Room On 1st Floor								
Chemical System								
No Component	90%							
Generic	10%			2028	$8,200	1-3	$7,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SEWARD PARK HIGH SCHOOL - M**		
Address	: **350 GRAND ST. BTWN: ESSEX ST., LUDLOW ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M445**
Program / Asset #	: **BOE0124.000 / 2769**	**Yr Built/Renovated**	: **1930 / 2014**
Area Sq Ft	: **236,632**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,4,5,6**		
Block	: **408** **Lot** : **30**	**BIN**	: **1005283**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$57,000	$400,300
Interior Architecture	$6,693,900	$1,734,000
Electrical	$1,641,000	$1,517,500
Mechanical	$1,058,700	$2,424,400
Total	**$9,450,600**	**$6,076,200**
Importance Code A	$57,000	$503,100
Importance Code B	$9,393,600	$4,297,300
Importance Code C		$1,275,800
Total	**$9,450,600**	**$6,076,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$14,200	$17,700	$8,900	
Electrical	$4,100	$36,300	$6,900	$8,000
Mechanical	$18,500	$12,500	$47,500	$40,600
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$54,500**	**$84,300**	**$81,000**	**$66,400**
Importance Code A	$7,000	$500		
Importance Code B	$47,500	$83,800	$81,000	$66,400
Importance Code C				
Total	**$54,500**	**$84,300**	**$81,000**	**$66,400**

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$117,100	
Masonry: Brick	53%			LIFE	* *	5	$158,800	
Masonry: Granite	30%			LIFE	* *	5	$67,400	
Masonry: Limestone	10%			LIFE	* *	5	$22,500	
Metal, Corrugated	2%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Playground								
Explanation : Various Bulkhead Walls								
Windows								
Aluminum	100%			2046	* *	5	$114,000	
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$12,800	
Masonry: Limestone	15%			LIFE	* *	5	$3,700	
Metal: Cage/Fence	10%			2043	* *	5-10	$15,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$12,400	
Roof								
Copper/Terne	3%			2058	* *	10	$9,400	
Exposed Struc: Steel	13%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Exposed Steel Lattice Structure								
Modified Bitumen	25%			2038	* *	10	$31,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Penthouse And Lower Roof Areas								
Plaza Roof: Stone Panels	59%			2056	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Playground								
Explanation : Recent Replace Evident								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$193,700	
Ceramic Tile	8%			2039	* *	5	$28,300	
Cork Tile	2%	Now	$171,400	2060	* *	5	$3,100	
Broken/Missing Elements, Extent : Light, Area Affected : 50%								
Location : Library								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Library								
Mosaic Tile	3%			2035	* *	5	$26,600	
Terrazzo	5%			LIFE	* *	5	$13,800	
Vinyl Tile	20%			2035	* *	3	$26,600	
Vinyl Tile 9" X 9"	10%			2025	$6,251,000	3	$13,300	
Wood	27%			2045	* *	5	$179,300	

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	3%			LIFE	* *			
Ceramic Tile	5%			2033	$1,187,700	5	$21,600	
Masonry: Brick	15%			LIFE	* *			
Metal: Cage/Fence	4%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Dividers								
Marble Panels	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$84,200	
Plaster	3%			LIFE	* *	5	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Murals								
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$35,400	
Exposed Struc: Concrete	8%	Now	$84,900	LIFE	* *	5	$4,400	
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Filter Room								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Filter Room								
Metal Panel	1%			LIFE	* *	5	$4,400	
Plaster	45%	Now	$96,900	LIFE	* *	5	$99,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Library And Boys Gymnasium								
Plaster	34%			LIFE	* *	5	$75,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Auditorium And Library								
Explanation : Crown Moulding								
Under Construction	2%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 6th Floor Weight Room Gymnasium								
Explanation : Ceiling Tile Replacement								
Site Enclosure								
Fence/Gates								
Chain Link	5%			2040	* *			
Iron Picket	95%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	75%			2035	* *			
Masonry: Granite	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	70%			2030	$71,900	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 5,000 Ampere And One 3,500 Ampere Main Disconnect Switch								
Fused Knife Sw	30%			2030	$30,800	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$520,200	5	$800	
Fused Disc Sw	20%			2050	* *	5	$200	
Raceway								
Conduit	95%			2030	$640,600	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	$31,900	5	$300	
Molded Case Bkrs	85%			2038	* *	5	$5,300	
Molded Case Bkrs	10%			2046	* *	5	$600	
Wiring								
Braided Cloth	75%	2-4	$673,900	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2040	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$254,000	5	$1,100	
Locally Mounted	25%			2043	* *	5	$400	
Variable Frequency Drive	5%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Lighting								

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	15%			2035	* *	10	$32,600	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2025	$176,400	10	$10,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 2%								
Location : Lobby And Auditorium								
Fluorescent	75%			2035	* *	10	$162,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2035	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool Area								
Explanation : HID Lights Located In Pool Area								
Incandescent	3%			2025	$196,700	2	$200	
LED	1%	Now	$1,300	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Explanation : Motor To Lower LED Lights In Auditorium Does Not Work								
Egress Lighting								
Emergency, Battery	10%			2035	* *	10	$5,700	
Emergency, Battery	40%			2025	$158,900	10	$22,800	
Exit, Service	5%			2035	* *	1		
Exit, Service	45%			2025	$45,900	1		
Exterior Lighting								
LED	15%			2035	* *			
No Component	85%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$26,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$183,100	2040	* *	1-3	$39,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Corridors								
Explanation : Obsolete Fire Alarm Main Panel, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2039	* *	5	$14,100	
Distribution								
Steam Piping/Pump	100%	Now	$94,700	2040	* *			
Broken, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump Is Cracked And Leaking Water In Basement								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement Steam Piping								
Terminal Devices								
Air Handler	30%			2035	* *	1	$43,900	
Convector/Radiator	70%			2035	* *	1	$53,500	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	2%			2025	$112,400			
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof, Serves Rooms 318 And 418								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : Staff Offices								
Window/Wall Unit	95%			2024	$851,600	1		
No Component	3%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$131,900	
Exhaust Fans								
Interior	95%			2035	* *	2	$6,900	
Roof	5%			2030	$23,000	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Elevator Machine Roof Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2030	$2,127,400	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 10%								
Location : Duplex Pumps In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Water Entry Points								
Galvanized Steel	30%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Electric	5%			2024	$1,200	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 30 Gallon Unit Serves Kitchen								
Electric	5%			2025	$1,200	4		
Other Observation, Extent : Light, Area Affected : 30%								
Location : Kitchen								
Explanation : 30 Gallon Unit								
No Component	90%							
HW Heat Exchanger								
Steam Fired	90%			2050	* *	4	$21,100	
Steam Fired	10%			2030	$114,400	4	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Pool								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$47,400	4	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Single Pump Units								
Pool Filter/Treatment								
Sand	100%			2043	* *	4	$58,600	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : All Old Units Abandoned In Place In Basement								
Sewage Ejector(s)								
Electric	100%			2030	$123,900	4	$9,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Gearless Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Two Units From 1st To 5th Floor, One Unit From Basement To 5th Floor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Storage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SHEEPSHEAD BAY HIGH SCHOOL - BK**		
Address	: **3000 AVENUE X @ BATCHELDER ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K495**
Program / Asset #	: **BOE0640.000 / 2817**	**Yr Built/Renovated**	: **1959 / 2003**
Area Sq Ft	: **300,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7425** **Lot** : **2**	**BIN**	: **3203631**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$535,700	$270,700
Interior Architecture	$35,941,200	$222,300
Electrical	$1,067,100	$2,064,200
Mechanical	$977,700	$4,151,600
Site Pavements	$122,000	
Total	**$38,643,600**	**$6,708,800**
Importance Code A	$587,200	$373,500
Importance Code B	$38,056,400	$6,268,100
Importance Code C		$67,200
Total	**$38,643,600**	**$6,708,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,900		$7,400	$30,600
Interior Architecture	$93,000	$11,100	$39,200	$35,900
Electrical	$53,100	$11,300	$47,900	$11,000
Mechanical	$46,200	$60,400	$122,900	$55,200
Site Pavements	$26,300			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$251,400**	**$94,700**	**$229,200**	**$144,600**
Importance Code A	$20,900	$29,300	$37,300	$59,900
Importance Code B	$204,200	$65,400	$152,700	$84,700
Importance Code C	$26,300		$39,200	
Total	**$251,400**	**$94,700**	**$229,200**	**$144,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$38,000	
Masonry: Brick	58%	Now	$145,300	LIFE	* *	5	$88,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : B85 Locker Room Above Windows								
Metal/Glass Curt Wall	35%			LIFE	* *	5	$99,800	
Metal Coiling Doors	2%			2036	* *	5	$9,500	
Windows								
Aluminum	8%	Now	$50,700	2047	* *	5	$2,700	
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Aluminum	92%			2047	* *	5	$61,200	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$7,800	
Metal Rail	60%			2036	* *	5-10	$210,300	
Roof								
Metal Panel	5%			2044	* *	10	$20,900	
Modified Bitumen	93%			2036	* *	10	$211,900	
Skylight, Metal/Glass	2%			2051	* *	10	$15,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 3 Skylights								
Soffits								
Stucco Cement	100%			2036	* *	5	$5,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$96,700	
Ceramic Tile	5%			2040	* *	5	$22,100	
Quarry Tile	5%			2044	* *	5	$33,200	
Terrazzo	5%	4+	$41,400	LIFE	* *	5	$17,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Corridors								
Vinyl Tile	20%			2036	* *	3	$44,200	
Vinyl Tile 9" X 9"	45%	Now	$702,500	2026	$35,127,500	3	$74,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stairwells								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Stairwells And Corridors								
Wood	10%	2-4	$52,800	2046	* *	5	$41,500	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium And Auditorium Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$17,900	
Masonry: Brick	5%			LIFE	* *			
Operable Wall	5%			2051	* *	5	$78,400	
Plaster	50%			LIFE	* *	5	$67,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$24,000	2036	* *	5	$18,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	25%			2036	* *	5	$116,700	
Embossed Metal	5%			LIFE	* *	5	$8,400	
Exposed Struc: Concrete	45%			LIFE	* *	5	$26,300	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$23,300	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$122,000	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Coyle Street, Avenue X And Batchelder Street								
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Coyle Street, Avenue X And Batchelder Street								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$26,300	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Driveway Located On Batchelder Street								
Activity Yard								
Asphalt	5%			2034	* *			
Traffic Topping	20%			2036	* *			
No Component	75%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Outdoor Track And Field Area								
Explanation : This Is Actually Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$102,800	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	30%			2051	* *	5	$400	
Molded Case Bkrs	70%			2051	* *	5	$5,500	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$300	
Fused Disc Sw	5%			2030	$31,900	5	$300	
Molded Case Bkrs	70%			2030	$447,100	5	$5,500	
Molded Case Bkrs	20%			2047	* *	5	$1,600	
Wiring								
Braided Cloth	60%	2-4	$539,100	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2031	$269,500	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	$290,300	5	$1,600	
Locally Mounted	20%			2044	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2039	* *	10	$243,900	
Motion Sensors in Use, Extent : Light, Area Affected : 70%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2039	* *	10	$8,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium And Lobby								
LED	7%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Gymnasium								
Explanation : LEDs Observed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$248,000	10	$35,700	
Exit, Service	50%	Now	$25,500	2031	$63,700	1		
Not Functioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exterior Lighting								
HID	20%			2026	$280,000	10	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Photocell								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
No Component	98%							
Generic	2%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chimney								
Explanation : Lightning Arresters Observed								
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$33,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Surveillance Cameras Observed								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	Now	$23,200	2036	* *	1-3	$50,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Lobby								
Explanation : System Trouble Daily, Zone Error, Ground Fault								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2041	* *	5	$91,500	
Conversion Equipment								
Steam Boiler	100%	4+	$51,500	2036	* *	1	$263,400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : 2 Of 3 Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	40%			2031	$2,224,300	1	$73,100	
Convector/Radiator	50%			2036	* *	1	$47,700	
Fan Coil Unit/Heat	10%			2031	$732,600	1	$9,500	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	20%			2036	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Health Clinic And Computer Room								
Explanation : Outdoor Sections Are Located In Side Yard								
Window/Wall Unit	40%			2026	$447,800	1		
No Component	40%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$38,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$259,600	LIFE	* *	2-5	$164,800	
Damaged, Extent : Severe, Area Affected : 5%								
Location : Auditorium Skylight Damper								
Exhaust Fans								
Interior	50%			2031	$655,300	2	$4,500	
Roof	25%			2031	$143,300	2	$2,300	
Roof	25%	Now	$28,700	2026	$143,300	2	$1,800	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	$75,400	2036	* *	1		
Pump(s) Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Basement Hot Water Circulator Pump								
Water Heater With Tanks								
Electric	10%			2029	$2,400	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Health Clinic								
Explanation : Serves Clinic								
No Component	90%							
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$43,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$60,100	4	$6,300	
Sewage Ejector(s)								
Electric	100%			2031	$157,100	4	$11,900	
Backflow Preventer								
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : One Of Three Water Mains								
Generic	80%			2031	$105,600	1	$14,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$4,100	
Chemical System								
No Component	97%							
Generic	3%			2024	$2,400	1-3	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : On Extended Life								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SHIRLEY CHISHOLM CAMPUS - BK**		
Address	: **965 EAST 107TH STREET BTWN: FLATLANDS AVE. - AVENUE J**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K366**
Program / Asset #	: **BOE1090.000 / 14441**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **56,255**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4**		
Block	: **8215** **Lot** : **12**	**BIN**	: **3230691**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$91,900
Interior Architecture		$65,500
Electrical	$51,600	
Mechanical		$1,337,300
Total	**$51,600**	**$1,494,700**
Importance Code A		$249,300
Importance Code B	$51,600	$1,179,800
Importance Code C		$65,500
Total	**$51,600**	**$1,494,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$29,800		$44,400	$10,700
Interior Architecture	$66,300	$14,700	$2,600	$93,900
Electrical	$7,900	$10,200	$7,200	$8,200
Mechanical	$6,300	$7,300	$28,400	$8,400
Site Pavements	$3,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$121,600**	**$40,200**	**$90,500**	**$129,100**
Importance Code A	$32,300	$2,500	$47,000	$13,200
Importance Code B	$57,000	$25,100	$43,500	$105,400
Importance Code C	$32,400	$12,600		$10,500
Total	**$121,600**	**$40,200**	**$90,500**	**$129,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$91,900	
Pre-Cast Concrete	3%	0-2	$4,200	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 107th Street Facade								
Window Wall	2%			2051	* *	5	$7,300	
Windows								
Aluminum	1%	Now	$10,300	2047	* *	5	$100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Throughout								
Aluminum	99%			2047	* *	5	$21,400	
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$17,200	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick Cavity	40%			LIFE	* *	5	$2,200	
Metal Rail	25%			2044	* *	5-10	$25,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Over Main Roof								
Explanation : This Component Is Actually Metal Cage Enclosure								
Pre-Cast Concrete	5%			LIFE	* *	5	$1,800	
Roof								
Copper/Terne	5%			2059	* *	10	$5,400	
IRMA/Protected Membrane	45%			2036	* *	10	$19,300	
IRMA/Protected Membrane	30%			2036	* *	10	$12,900	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Roof Enclosed By Metal Structure								
Modified Bitumen	20%			2036	* *	10	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Over Kitchen								
Explanation : Covered With Rubber Pads								
Soffits								
Metal Panel	100%			2051	* *	5-10		
Interior								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2027	$74,500	3	$8,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Library								
Cast in Place Concrete	10%			LIFE	* *	5	$18,400	
Ceramic Tile	5%			2040	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Fourth Floor Boys Toilet								
Terrazzo	5%			LIFE	* *	5	$3,300	
Traffic Topping	5%			2036	* *	5	$5,300	
Vinyl Tile	65%			2036	* *	3	$27,400	
Wood	5%			2059	* *	5	$7,900	
Loose Units, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	15%			2040	* *	5	$25,200	
Concrete Masonry Unit	10%	2-4	$31,600	LIFE	* *	5	$6,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Expansion Joints								
Folding Partition	5%			2047	* *	5	$21,000	
Gypsum Board	65%			LIFE	* *	5	$65,500	
Ceilings								
AcousTileSusp.Lay-In	78%	Now	$21,800	2044	* *	5	$32,800	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Room 417								
Exposed Struc: Concrete	5%			LIFE	* *	5	$700	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2036	* *			
Gypsum Board	5%			LIFE	* *	5	$5,300	
Metal Panel	2%			LIFE	* *	5	$2,100	
Site Enclosure								
Fence/Gates								
Exposed Struc: Steel	40%			LIFE	* *			
Iron Picket	6%			2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Masonry: Brick	54%			2051	* *			
Retaining Walls								
Masonry: Brick	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$2,700	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 107th Street								
Explanation : Caulking Deteriorated Where Sidewalk Meets The Building								

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DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$800	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entry								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Southeast Walkway								
Explanation : Caulking Deteriorated Where Sidewalk Meets The Building								
Activity Yard								
Rubber Matting	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Switches Rated At 2,000 Amperes And 1,200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	100%			2057	* *	1		
Panelboards								
Fused Disc Sw	15%			2047	* *	5	$200	
Molded Case Bkrs	85%			2047	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2057	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$17,300	
Generators								
Diesel	100%			2040	* *	1	$21,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Emergency Generator Rated At 240 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$2,100	

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DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$50,600	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2036	* *	10	$1,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2036	* *	1-3	$25,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Strobe Lights, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2051	* *	1		
Natural Gas	90%			2051	* *	1		

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DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%			2031	$157,500	1	$25,000	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : Five Gas Fired Rooftop Packaged Units								
No Component	10%							
Terminal Devices								
Fan Coil Unit/Heat	10%			2031	$125,500	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells And Vestibules								
Explanation : Electric Unit Heaters								
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	$945,100	2	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Five Package Units. R-410a Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,400	
Exhaust Fans								
Roof	100%			2031	$109,200	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2026	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2031	$29,500	4	$2,200	
Backflow Preventer								
Generic	7%	2-4	$1,100	2031	$1,800	1	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Leak At Main Shut-off Valve								
Generic	93%			2031	$23,400	1	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 4th Floor, Roof								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$15,800	
Fire Pump								
Generic	100%			2040	* *	1	$10,500	
Chemical System								
No Component	98%							
Generic	2%			2026	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SKILLMAN H.S. - Q**				
Address	: **24-30 SKILLMAN AVE.**				
Borough	: **QUEENS**			**Agency's Number**	: **LEASE-Q667**
Program / Asset #	: **BOE1084.000 / 14430**			**Yr Built/Renovated**	: **1954 / 2005**
Area Sq Ft	: **45,804**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Feb-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,Ph**				
Block	: **100**	**Lot**	: **1**	**BIN**	: **4000744**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$168,700	$197,000
Interior Architecture	$68,500	
Electrical		$951,000
Mechanical		$979,400
Site Pavements	$349,400	
Total	**$586,600**	**$2,127,500**
Importance Code A	$168,700	$325,300
Importance Code B	$124,200	$1,802,200
Importance Code C	$293,700	
Total	**$586,600**	**$2,127,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$34,800			
Interior Architecture	$48,100		$37,300	$22,600
Electrical	$9,800	$7,500	$10,500	$8,300
Mechanical	$35,500	$17,600	$13,900	$11,100
Site Pavements	$33,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$165,600**	**$29,000**	**$65,700**	**$46,000**
Importance Code A	$37,300	$2,000	$2,500	$2,000
Importance Code B	$71,900	$26,900	$63,200	$21,300
Importance Code C	$56,400			$22,600
Total	**$165,600**	**$29,000**	**$65,700**	**$46,000**

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DEPARTMENT OF EDUCATION - 040

SKILLMAN H.S. - Q

Asset # : 14430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	47%	2-4	$52,300	LIFE	* *	5	$31,700	
Efflorescence, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Explanation : Small Vertical Cracks In Brick Walls								
Masonry: Brick	38%			LIFE	* *	5	$51,300	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$12,700	
Metal Panel	10%			2053	* *	5-10	$46,400	
Windows								
Aluminum	100%			2049	* *	5	$5,700	
Parapets								
Metal Rail	100%			2046	* *	5-10	$191,800	
Roof								
IRMA/Protected Membrane	100%			2038	* *	10	$64,300	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,000	
Quarry Tile	5%			2046	* *	5	$5,100	
Traffic Topping	5%			2038	* *	5	$4,300	
Vinyl Tile	85%			2038	* *	3	$21,900	
Interior Walls								
Ceramic Tile	40%			2042	* *	5	$45,300	
Concrete Masonry Unit	5%	Now	$26,600	LIFE	* *	5	$2,300	
Diagonal Cracks, Extent : Light, Area Affected : 100%								
Location : Wall In Stairway B								
Gypsum Board	55%			LIFE	* *	5-10	$105,900	
Ceilings								
AcousTileSusp.Lay-In	80%			2046	* *	5	$54,800	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$4,300	
Gypsum Board	10%	Now	$6,000	LIFE	* *	5	$8,600	
Loose/Delam Surface, Extent : Light, Area Affected : 2%								
Location : Stairway A And B								
Metal Panel	5%			LIFE	* *	5	$8,600	
Site Enclosure								
Fence/Gates								
Chain Link	95%			2053	* *			
Iron Picket	5%			2053	* *			
Site Pavements								

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DEPARTMENT OF EDUCATION - 040
SKILLMAN H.S. - Q
Asset # : 14430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$124,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : 49th Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$29,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Side Stairs From Activity Yard								
Parking/Driveway								
Asphalt	100%	Now	$225,200	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Potholes, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Activity Yard								
Asphalt	95%	Now	$3,600	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Rubber Matting	5%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	10%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2043	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SKILLMAN H.S. - Q

Asset # : 14430

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2038	* *	5	$100	
Variable Frequency Drive	80%			2038	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$14,100	
Generators								
Diesel	100%			2036	* *	1	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Outside								
Explanation : One 135 Kilowatts Amperes								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$1,700	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room. Outside								
Explanation : One 280 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$682,800	10	$42,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	60%			2033	$16,900	1		
Exit, LED	15%			2048	* *	1		
Exit, Service	25%			2033	$4,900	1		
Exterior Lighting								
HID	30%			2033	$64,100	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$86,000	1	$17,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Exit Doors And Outside								
Explanation : CCTV Camera, Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$118,100	1-3	$29,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Smoke Detectors, Manual Pull Boxes And Fire Alarm Panel								

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DEPARTMENT OF EDUCATION - 040

SKILLMAN H.S. - Q

Asset # : 14430

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2053	* *	1		
Natural Gas	90%			2053	* *	1		
Conversion Equipment								
Furnace	90%			2033	$128,200	1	$20,400	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 5 Gas Fired Heating, Cooling Units On Roof								
Radiant Heater	10%			2038	* *	2	$2,100	
Terminal Devices								
Fan Coil Unit/Heat	10%			2038	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Electric Unit Heaters In Stairwells And Other Locations								
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	$769,600	2	$2,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,400	
Exhaust Fans								
Roof	100%			2038	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$10,200	2028	$34,200	2		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Storage Tank Mechanical Equipment Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : Indirect Fired, 175 Gallon Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SKILLMAN H.S. - Q

Asset # : 14430

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First To The Second Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$12,800	
Fire Pump								
Generic	100%			2042	* *	1	$8,600	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **SOUNDVIEW EDUCATIONAL CAMPUS BX FELISA RINCON DE GAUTIER INST.**
Address : **1440 STORY AVENUE @ COLGATE AVE**
Borough : **BRONX**
Agency's Number : **X537-X519**
Program / Asset # : **BOE1062.000 / 14375**
Yr Built/Renovated : **1961 / 2004**
Area Sq Ft : **80,493**
Project Type : **EDUCATION**
Date of Survey : **11-May-2022**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,2**
Block : **3622** **Lot** : **16** **BIN** : **2022544**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$68,400	$175,800
Interior Architecture	$109,000	$59,500
Electrical		$66,400
Mechanical	$335,200	$1,786,900
Total	**$512,700**	**$2,088,700**
Importance Code A	$68,400	$426,200
Importance Code B	$335,200	$1,602,900
Importance Code C	$109,000	$59,500
Total	**$512,700**	**$2,088,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$37,300			
Interior Architecture	$48,700		$65,900	$5,800
Electrical	$16,800	$13,100	$14,900	$15,600
Mechanical	$59,700	$8,700	$40,000	$9,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$166,500**	**$25,700**	**$124,700**	**$34,600**
Importance Code A	$41,300	$4,000	$4,000	$4,000
Importance Code B	$122,200	$21,700	$120,800	$27,900
Importance Code C	$3,000			$2,800
Total	**$166,500**	**$25,700**	**$124,700**	**$34,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SOUNDVIEW EDUCATIONAL CAMPUS BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$136,800	
Metal Panel	5%			2053	* *	5-10	$24,800	
Windows								
Aluminum	100%			2049	* *	5	$13,500	
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$23,900	
Masonry: Limestone	20%			LIFE	* *	5-10	$11,300	
Metal Panel	5%			2053	* *	5	$900	
Roof								
Built-Up (BUR)	95%			2038	* *	10	$107,400	
Skylight, Metal/Glass	5%			2053	* *	10	$18,800	
Soffits								
Metal Panel	100%			2053	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$10,500	
Ceramic Tile	5%			2042	* *	5	$6,000	
Quarry Tile	5%			2046	* *	5	$9,000	
Vinyl Tile	85%			2038	* *	3	$38,400	
Wood	3%			2061	* *	5	$6,800	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$5,500	
Concrete Masonry Unit	3%			LIFE	* *	5	$2,600	
Glass: Single Pane	2%			LIFE	* *	5	$3,300	
Gypsum Board	90%			LIFE	* *	5-10	$168,500	
Ceilings								
AcousTileSusp.Lay-In	75%			2046	* *	5	$90,400	
Exposed Struc: Concrete	15%			LIFE	* *	5-10	$22,600	
Gypsum Board	5%			LIFE	* *	5-10	$20,700	
Metal Panel	5%			LIFE	* *	5	$15,100	
Site Enclosure								
Fence/Gates								
Chain Link	30%			2053	* *			
Iron Picket	70%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	60%			2036	* *			
Cast in Place Concrete	40%			2046	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SOUNDVIEW EDUCATIONAL CAMPUS BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Service Room 108								
Explanation : One 4,000 And One 2,000 Amperes Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$24,800	
Generators								
Diesel	100%			2042	* *	1	$31,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 200 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,000	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	10%			2038	* *	10	$7,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Fluorescent	80%			2038	* *	10	$59,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-5 And T-8 Lamps Controlled By Lighting Control Panel								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SOUNDVIEW EDUCATIONAL CAMPUS BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	15%			2038	* *	10		
Incandescent	5%			2038	* *	2		
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Generic	50%			2038	* *	1	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside The Building								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$49,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bell, Pull Boxes, Smoke Detectors And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Front Of Building								
Explanation : Gasoline Entrance With Gasoline Pressure Pump								
Conversion Equipment								
Furnace	100%			2033	$250,400	1	$39,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Full Direct Digital Control System								
Terminal Devices								
Convector/Radiator	5%			2038	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs, Equipment Rooms, Entrances								
Explanation : Electric Resistance Heat								
No Component	95%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SOUNDVIEW EDUCATIONAL CAMPUS BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%	Now	$128,500	2033	$1,284,700	2	$3,700	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Controls System Is Not Working								
Split Unit	5%			2033	$95,600			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$130,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,100	
Exhaust Fans								
Roof	96%			2033	$149,900	2	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Areas								
Explanation : Serve Equipment Rooms, Toilet Rooms; Science And Miscellaneous Multipurpose Rooms								
Roof	3%			2033	$4,700	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Two Hoods In Kitchen								
Roof	1%			2033	$1,600	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Smoke Control								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$206,800	2053	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 20%								
Location : Leaking Booster Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Heater Room								
Explanation : Two Circulators								
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Heater Room								
Explanation : Boiler, Storage Tank, Circulator Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Floor								
Explanation : Three Grease Traps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SOUNDVIEW EDUCATIONAL CAMPUS BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : 1 Hydraulic Unit Observed								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$22,500	
Chemical System								
No Component	98%							
Generic	2%			2028	$8,300	1-3	$8,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression 102 Sqaure Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: SOUTH BRONX EDUCATIONAL CAMPUS - BX		
Address	: 750 CONCOURSE VILLAGE WE BTWN: EAST 156 ST.		
Borough	: BRONX	**Agency's Number**	: X156
Program / Asset #	: BOE0293.000 / 388	**Yr Built/Renovated**	: 1972 / 2008
Area Sq Ft	: 95,000	**Project Type**	: EDUCATION
Date of Survey	: 24-Jan-2019	**Landmark Status**	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 2443 **Lot** : 79	**BIN**	: 2002454

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$642,900	$1,057,600
Interior Architecture		$21,532,900
Electrical	$133,200	$1,155,600
Mechanical	$3,768,600	$65,700
Total	**$4,544,800**	**$23,811,800**
Importance Code A	$3,115,300	$1,057,600
Importance Code B	$1,429,500	$22,754,300
Total	**$4,544,800**	**$23,811,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$21,100	$36,500		$12,500
Interior Architecture	$45,800		$900	$14,400
Electrical	$3,800	$35,100	$3,200	$2,700
Mechanical	$4,300	$25,900	$11,500	$14,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$79,000**	**$101,500**	**$19,500**	**$47,600**
Importance Code A	$21,100	$45,600		$21,300
Importance Code B	$33,000	$55,900	$19,500	$26,300
Importance Code C	$24,900			
Total	**$79,000**	**$101,500**	**$19,500**	**$47,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	0-2	$557,000	LIFE	* *	5	$127,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Openings								
Metal Panel	10%			2050	* *	5-10	$97,700	
Windows								
Aluminum	100%			2052	* *	5	$25,100	
Parapets								
Masonry: Brick Cavity	75%	4+	$21,100	LIFE	* *	5	$10,500	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Metal Rail	15%			2043	* *	5-10	$37,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,800	
Roof								
Built-Up (BUR)	93%	0-2	$85,900	2030	$858,600			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 310, 302, 252, 208 And 210								
Copper/Terne	5%			2045	* *	10	$9,900	
Modified Bitumen	2%			2030	$17,300	10	$1,600	
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$22,100	
Ceramic Tile	3%			2039	* *	5	$4,300	
Slate	5%			LIFE	* *	5	$7,700	
Vinyl Tile	5%			2038	* *	3	$2,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Vinyl Tile 9" X 9"	80%			2030	$20,372,100	3	$57,700	
Interior Walls								
Ceramic Tile	3%	Now	$24,900	2039	* *	5	$2,300	
Loose Units, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Boys Toilet								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Boys Toilet								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,000	
Masonry: Brick	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$25,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Windows								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	50%			2028	$1,160,900	5	$90,200	
Exposed Struc: Concrete	45%			LIFE	* *	5	$10,100	
Plaster	5%	4+	$4,400	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Rooms 262, 362								
Site Enclosure								
Fence/Gates								
Chain Link	60%			2050	* *			
Iron Picket	40%			2065	* *			
Free Standing Walls								
Masonry: Brick	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	40%			2065	* *			
Masonry: Brick	60%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	60%			2039	* *			
Cast in Place Concrete	40%			2043	* *			
Activity Yard								
Asphalt	80%			2039	* *			
Rubber Matting	20%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$22,600	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2040	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	50%			2028	$13,400	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kilovolt-ampere 480 Volts Primary - 208/120 Volts Secondary								
Dry Type	50%			2035	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 300 Kilovolt-ampere 480 Volts Primary - 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	80%			2030	$182,100	5	$300	
Fused Disc Sw	20%			2040	* *	5	$100	
Raceway								
Conduit	90%			2030	$181,600	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$24,000	5	$200	
Molded Case Bkrs	10%			2038	* *	5	$300	
Molded Case Bkrs	80%			2029	$191,600	5	$2,000	
Wiring								
Thermoplastic	90%			2030	$262,600	1		
Thermoplastic	10%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$119,400	5	$600	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$700	
Generic	50%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	88%			2038	* *	10	$76,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2038	* *	10	$8,700	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Third Floor Classroom								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$79,700	10	$11,500	
Exit, Service	50%			2025	$20,500	1		
Exterior Lighting								
HID	30%			2030	$133,000	10	$100	
No Component	70%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$53,500	1	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Exit Doors And Hallway								
Explanation : Only Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2038	* *	1-3	$17,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Radiant Heater	100%			2025	$2,472,400	2	$44,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : About 120 Units								
Terminal Devices								
Air Handler	25%			2025	$446,900	1	$14,700	
Induction Unit	75%			2026	$264,200	1	$23,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R410a Refrigerant								
Window/Wall Unit	75%			2024	$269,900	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2035	* *	1	$1,500	
No Component	95%							
Heat Rejection								
Dry Cooler	5%			2035	* *	2	$3,300	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$83,400	LIFE	* *	2-5	$53,000	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2025	$84,300	2	$600	
Roof	80%			2025	$147,500	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	50%			2025	$11,800	4		
Electric	50%	0-2	$200	2030	$11,800	4		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$65,700	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**SOUTH BRONX EDUCATIONAL CAMPUS - BX (OLD 38)**			
Address	:	**701 ST. ANN'S AVE. BTWN: E.156 ST. - RAE ST.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X470**
Program / Asset #	:	**BOE0331.000 / 349**	**Yr Built/Renovated**	:	**1921 / 2004**
Area Sq Ft	:	**100,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**13-Dec-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**2359** **Lot** : **240**	**BIN**	:	**2001153**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$735,200	$202,300
Interior Architecture	$7,772,800	$257,500
Electrical	$424,000	$605,000
Mechanical	$534,800	$1,842,600
Site Pavements	$392,100	
Total	**$9,858,900**	**$2,907,300**
Importance Code A	$735,200	$202,300
Importance Code B	$8,663,300	$2,705,000
Importance Code C	$460,400	
Total	**$9,858,900**	**$2,907,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$96,300		$10,200	
Interior Architecture	$40,100		$14,300	$17,600
Electrical	$47,900	$2,900	$9,700	$2,200
Mechanical	$36,000	$19,500	$33,000	$19,500
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$230,200**	**$32,300**	**$77,100**	**$49,300**
Importance Code A	$106,200	$9,900	$20,300	$9,900
Importance Code B	$83,900	$22,400	$56,800	$39,400
Importance Code C	$40,100			
Total	**$230,200**	**$32,300**	**$77,100**	**$49,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX (OLD 38)
Asset # : 349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	$48,800	LIFE	* *	5	$40,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast Stone/Terra Cotta	5%	0-2	$64,900	LIFE	* *	5	$63,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	65%	0-2	$436,300	LIFE	* *	5	$106,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *	5	$32,600	
Stucco Cement	5%			2036	* *	5	$20,400	
Windows								
Aluminum	100%	Now	$47,500	2047	* *	5	$24,900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 2%								
Location : Gymnasium								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,500	
Masonry: Brick	80%			LIFE	* *	5	$17,700	
Masonry: Limestone	3%			LIFE	* *	5	$800	
Metal Security Bars	10%			2046	* *			
Pre-Cast Concrete	2%			LIFE	* *	5	$2,800	
Roof								
Built-Up (BUR)	95%	Now	$234,100	2036	* *			1
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Gymnasium Roof								
Copper/Terne	5%			2059	* *	10	$8,800	
Interior								

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DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX (OLD 38)
Asset # : 349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Mosaic Tile	1%	Now	$113,500	2051	* *	5	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Kitchen								
Mosaic Tile	2%			2036	* *	5	$10,100	
Terrazzo	5%			LIFE	* *	5	$7,900	
Vinyl Tile	70%	Now	$1,169,000	2041	* *	3	$52,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms 503, 421, 411, 403, 314, 203								
Worn/Eroded, Extent : Moderate, Area Affected : 65%								
Location : Corridors, Classrooms, Cafeteria								
Vinyl Tile 9" X 9"	17%			2026	$6,046,000	3	$12,800	
Wood	5%	Now	$60,100	2046	* *	5	$9,400	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Stage								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	Now	$37,800	2034	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Ceramic Tile	2%			2044	* *	5	$4,600	
Recent Replace Evident, Extent : N/A, Area Affected : 2%								
Location : 1st Floor Toilet Rooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,200	
Glazed Ceramic Panel	2%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	50%	Now	$139,500	LIFE	* *	5	$34,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Near Elevator, Room 503, 1st Floor Toilet								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	3%			2036	* *	5	$6,000	
AcousTileSusp.Lay-In	2%			2036	* *	5	$4,000	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2031	$156,900			
Metal Panel	5%			LIFE	* *	5	$12,600	
Plaster	80%	Now	$244,700	LIFE	* *	5	$100,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Site Enclosure								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX (OLD 38)
Asset # : 349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	50%			2041	* *			
Iron Picket	50%			2036	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$71,100	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : St. Ann's Avenue								
On-Site Walkways								
Cast in Place Concrete	98%	Now	$320,900	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2044	* *			
Activity Yard								
Asphalt	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	10%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Fused Disc Sw	90%			2031	$40,800	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Sub-basement								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	50%			2041	* *	5	$200	
Molded Case Bkrs	50%			2031	$113,800	5	$1,300	
Raceway								
Conduit	90%			2031	$181,600	1		
Conduit	10%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$200	
Molded Case Bkrs	70%			2030	$167,600	5	$1,800	
Molded Case Bkrs	20%			2039	* *	5	$500	

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DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX (OLD 38)
Asset # : 349

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	0-2	$204,200	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2031	$58,300	1		
Thermoplastic	10%			2041	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$83,600	5	$500	
Locally Mounted	30%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$87,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Staircase								
Fluorescent	1%			2026	$14,900	10	$900	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Room 510								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	10%			2026	$16,800	10	$2,400	
Emergency, Battery	40%			2039	* *	10	$9,700	
Exit, Service	10%			2026	$4,300	1		
Exit, Service	40%			2039	* *	1		
Exterior Lighting								
HID	10%			2026	$46,700	10		
HID	10%	Now	$46,700	2041	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof Perimeter								
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX (OLD 38)
Asset # : 349

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$51,600	2041	* *	1-3	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System; Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$99,000	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement. Water Feed Line Corroded								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$16,000	2041	* *			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Basement. Broken Low Water Cut Off For The Condensate Tank								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Steam Leak At Basement								
Terminal Devices								
Air Handler	10%			2026	$188,200	1	$6,200	
Convector/Radiator	90%			2029	$736,000	1	$29,100	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Radiators Leaking Throughout								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Various								
Explanation : 35 Percent Of Steam Straps Not In Good Condition								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	70%			2026	$265,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX (OLD 38)
Asset # : 349

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2031	$399,200	2	$2,800	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Explanation : 1st Floor Bathroom Exhaust Not Working								
Roof	10%			2036	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$638,300	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit, 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$3,200	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Various. 5th Floor								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Cafetaria								
Explanation : Clogged Kitchen Sink								
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement To 5th Floor								
Explanation : 1 Unit								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$69,100	1-2	$1,400	
Chemical System								
Dry	100%			2026	$81,500	1-3	$72,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Automatic Dry Chemical System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX (OLD 38)
Asset # : 349

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **SOUTH SHORE HIGH SCHOOL - BK**
Address : **6565 FLATLANDS AVE @ RALPH AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K515**
Program / Asset # : **BOE0643.000 / 1206** | **Yr Built/Renovated** : **1970 / 2011**
Area Sq Ft : **436,000** | **Project Type** : **EDUCATION**
Date of Survey : **10-Jul-2020** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Ph**
Block : **7998** **Lot** : **5** | **BIN** : **3224139**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$123,000	$902,200
Interior Architecture	$4,418,600	$50,596,600
Electrical	$1,368,000	$4,623,700
Mechanical	$1,498,600	$12,223,900
Site Pavements	$263,800	
Total	**$7,672,000**	**$68,346,400**
Importance Code A	$123,000	$1,033,300
Importance Code B	$4,828,300	$67,257,700
Importance Code C	$2,720,700	$55,500
Total	**$7,672,000**	**$68,346,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$6,200		$32,700	
Interior Architecture	$35,800			$62,000
Electrical	$52,400	$64,100	$61,700	$69,000
Mechanical	$32,400	$45,200	$57,600	$28,300
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$138,600**	**$121,200**	**$163,800**	**$171,200**
Importance Code A	$6,200		$33,500	$100
Importance Code B	$123,200	$121,200	$130,300	$171,000
Importance Code C	$9,200			
Total	**$138,600**	**$121,200**	**$163,800**	**$171,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$293,800	
Glazed Ceramic Panel	20%			LIFE	* *	5	$352,600	
Masonry: Brick	68%			LIFE	* *	5	$255,800	
Metal/Glass Curt Wall	1%			LIFE	* *	5	$7,100	
Stucco Cement	1%	0-2	$4,300	2036	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	95%			2053	* *	5	$32,600	
Metal Louvers	5%	Now	$1,900	2034	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Penthouse Louver								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$12,700	
Glazed Ceramic Panel	10%			2061	* *	5-10	$34,800	
Masonry: Brick	85%			LIFE	* *	5	$28,000	
Roof								
IRMA/Protected Membrane	15%			2036	* *	10	$54,900	
Modified Bitumen	85%	4+	$68,000	2036	* *			
Blisters, Extent : Light, Area Affected : 1%								
Location : Main Roof								
Soffits								
Stucco Cement	100%			2036	* *	5	$57,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$155,000	
Ceramic Tile	5%	0-2	$99,900	2034	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Unrenovated Bathrooms								
Recent Replace Evident, Extent : N/A, Area Affected : 50%								
Location : Renovated Bathrooms								
Terrazzo	10%			LIFE	* *	5	$55,400	
Vinyl Tile	30%			2036	* *	3	$106,300	
Vinyl Tile 9" X 9"	40%	Now	$1,000,400	2031	$50,019,000	3	$106,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%	Now	$211,300	2059	* *	5	$33,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$56,300	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	10%	0-2	$814,200	2034	* *	5	$37,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Unrenovated Bathrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$29,600	
Folding Partition	1%			2039	* *	5	$18,500	
Metal Panel	4%			LIFE	* *			
Plaster	25%	0-2	$90,000	LIFE	* *	5	$55,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Classrooms								
SGFT/Glazed Masonry	45%	Now	$1,496,500	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Stair								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Stair								
Ceilings								
AcousTile,Adhered	30%	0-2	$122,000	2036	* *	5	$94,700	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								
AcousTileSusp.Lay-In	5%			2048	* *	5	$31,600	
Exposed Struc: Concrete	10%			LIFE	* *	5	$9,900	
Plaster	55%	0-2	$528,200	LIFE	* *	5	$217,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 3rd Floor Classroom								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Handball Court								
Explanation : Handball Court Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Asphalt	80%	Now	$78,200	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Walkway To Activity Yard								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Rear Exists								
Panel/Paver: Concrete	20%			2041	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	$185,600	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Driveways								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Driveways								
Activity Yard								
Rubber Matting	20%			2031				
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Track								
Explanation : Rubber Track								
Rubber Matting	80%			2031				
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Field								
Explanation : Astro Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	85%			2031	$131,000	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4000 Amperes Each.								
Fused Disc Sw	15%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Ampere Disconnect Switches Serving The Solar Panels								
Transformers								
Dry Type	100%			2048	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 225 Kilovolt Amperes, 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	$975,300	5	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Eight Vertical Sections								
Raceway								
Conduit	90%			2031	$910,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$97,800	5	$1,000	
Molded Case Bkrs	20%			2047	* *	5	$2,300	
Molded Case Bkrs	70%			2030	$684,600	5	$8,000	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	95%			2031	$1,280,300	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$544,300	5	$2,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$26,800	1	$134,100	
Generators								
Natural Gas	100%	Now	$138,700	2046	* *	1	$152,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Generator Room								
Explanation : Not Functional								
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$371,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$103,300	10	$300	
Incandescent	2%			2026	$241,600	2	$200	
LED	3%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$365,900	10	$52,600	
Exit, Service	50%			2026	$94,000	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2039	* *	1	$48,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *	1-3	$276,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells, Horns								

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DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Boilers Are Under Repairing								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : 4 Units. They Are Under Repairing								
Distribution								
Steam Piping/Pump	100%			2031	$3,491,400			
Terminal Devices								
Air Handler	60%			2031	$4,922,900	1	$161,800	
Convector/Radiator	40%			2029	$1,426,100	1	$56,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2026	$991,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$243,100	
Exhaust Fans								
Interior	40%			2031	$773,500	2	$5,300	
Roof	60%	0-2	$10,200	2026	$507,600	2	$6,400	
Damaged, Extent : Moderate, Area Affected : 70%								
Location : Covers. Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$1,113,200	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$64,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$87,300	4	$9,200	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 2 Units From 1st To 4th Floor, 1 Unit From Basement To 1st Floor								
Explanation : 2 Defective Passenger Units And 1 Freight Unit.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$301,500	1-2	$6,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SOUTH SHORE HIGH SCHOOL - BK FIELDHOUSE**				
Address	: **6565 FLATLANDS AVE RALPH AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K515**	
Program / Asset #	: **BOE0643.010 / 14641**		**Yr Built/Renovated**	: **1970 /**	
Area Sq Ft	: **3,302**		**Project Type**	: **EDUCATION**	
Date of Survey	: **10-Jul-2020**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Floors 1**				
Block	: **7998**	**Lot** : **5**	**BIN**	: **3224139**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$71,700
Total		**$71,700**
Importance Code B		$71,700
Total		**$71,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,100			
Interior Architecture	$20,600			
Electrical		$100		
Mechanical	$17,300	$200	$6,800	$200
Site Pavements	$100			
Total	**$41,100**	**$200**	**$6,900**	**$200**
Importance Code A	$3,200	$200	$200	$200
Importance Code B	$28,000	$100	$6,700	
Importance Code C	$9,900			
Total	**$41,100**	**$200**	**$6,900**	**$200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 14641

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$7,000	
Metal Panel	25%	Now	$3,100	2041	* *	5	$4,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	95%	2-4	$8,000	LIFE	* *	5	$10,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	0-2	$700	2034	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Showers And Bathroom								
Interior Walls								
Ceramic Tile	10%	Now	$5,900	2034	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Shower And Bathroom								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Shower And Bathroom								
Concrete Masonry Unit	60%			LIFE	* *	5	$2,600	
Plaster	30%	Now	$3,900	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Showers And Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Showers And Bathroom								
Ceilings								
Exposed Struc: Steel	50%			LIFE	* *			
Gypsum Board	50%	Now	$2,200	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Showers And Bathrooms								
Site Pavements								
On-Site Walkways								
Asphalt	100%	2-4	$100	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front And Rear Of Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 14641

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Main Service Disconnect Switch Rated At 100 Amperes.								
Raceway								
Conduit	100%			2031	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2030	$1,500	5		
Molded Case Bkrs	95%			2030	$28,400	5	$100	
Wiring								
Thermoplastic	100%			2031	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2029	$71,700	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2031	$49,200	10	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	100%			2031	$1,400	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%			2031	$900	1-3	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2031	$10,300	1	$1,600	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,800	
Ventilation								
Exhaust Fans								
Roof	100%			2026	$6,400	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 14641

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Abandoned in Place, Extent : Moderate, Area Affected : 25%								
Location : Bathroom								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SOUTH SHORE HIGH SCHOOL - BK STORAGE BUILDING**		
Address	: **6565 FLATLANDS AVE @RALPH AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K515**
Program / Asset #	: **BOE0643.020 / 14642**	**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **595**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jul-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **7998** **Lot** : **5**	**BIN**	: **3224139**

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$500			
Interior Architecture				
Electrical			$500	
Total	**$500**		**$500**	
Importance Code A	$500			
Importance Code B			$500	
Total	**$500**		**$500**	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK STORAGE BUILDING
Asset # : 14642

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$3,300	
Windows								
Metal Louvers	100%			2034	* *	10		
Roof								
Asphalt Shingle	100%	Now	$500	2034	* *			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%								
Location : Gutter								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$1,900	
Interior Walls								
Gypsum Board	100%			LIFE	* *	5		
Ceilings								
Gypsum Board	100%			LIFE	* *	5	$1,000	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5		
Wiring								
Thermoplastic	100%			2051	* *	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Exterior Lighting								
HID	30%			2036	* *	10		
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SPRING CREEK EDUCATIONAL CAMPUS - BK**		
Address	: **1065 ELTON STREET @ FLATLANDS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K422**
Program / Asset #	: **BOE1124.000 / 14729**	**Yr Built/Renovated**	: **2012 /**
Area Sq Ft	: **154,058**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,Ph**		
Block	: **4449** **Lot** : **1**	**BIN**	: **3398623**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$164,900	$402,900
Interior Architecture	$336,700	$306,300
Electrical		$134,200
Mechanical	$38,200	$282,700
Total	**$539,700**	**$1,126,200**
Importance Code A	$164,900	$402,900
Importance Code B	$244,900	$627,500
Importance Code C	$130,000	$95,800
Total	**$539,700**	**$1,126,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$148,800	$26,200	$4,900	
Interior Architecture	$181,400	$20,600	$76,100	$5,200
Electrical	$32,200	$25,100	$29,100	$27,500
Mechanical	$46,000	$43,900	$49,000	$30,200
Site Pavements	$23,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$439,800**	**$123,700**	**$167,100**	**$70,800**
Importance Code A	$156,400	$33,800	$12,500	$7,600
Importance Code B	$208,000	$77,900	$106,700	$63,200
Importance Code C	$75,300	$12,000	$47,900	
Total	**$439,800**	**$123,700**	**$167,100**	**$70,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRING CREEK EDUCATIONAL CAMPUS - BK
Asset # : 14729

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$4,100	
Masonry: Brick Cavity	68%			LIFE	* *	5	$223,100	
Efflorescence, Extent : Light, Area Affected : 5% Location : West Facade								
Metal/Glass Curt Wall	10%			LIFE	* *	5	$61,500	
Metal Panel	10%			2059	* *	5-10	$112,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$106,700	
Windows								
Aluminum	98%			2055	* *	5	$38,200	
Metal Louvers	2%			2046	* *	10	$4,900	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$82,500	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$28,400	
Masonry: Brick	40%			LIFE	* *	5-10	$27,300	
Metal Rail	10%			2050	* *	5-10	$18,100	
Roof								
IRMA/Protected Membrane	100%			2041	* *	10	$156,000	
Gravel/Stone Ballast, Extent : Light, Area Affected : 95% Location : Throughout								
Paver Block Ballast, Extent : Light, Area Affected : 5% Location : Throughout								
Soffits								
Metal Panel	50%			2059	* *	5-10		
Stucco Cement	50%			2050	* *	5		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$50,400	
Ceramic Tile	6%	0-2	$21,100	2046	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5% Location : First Floor And Stair Landings								
Ceramic Tile	14%			2046	* *	5	$32,300	
Quarry Tile	5%			2050	* *	5	$17,300	
Vinyl Tile	18%	Now	$57,300	2041	* *	3	$15,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5% Location : Throughout								
Vinyl Tile	42%			2041	* *	3	$36,300	
Wood	10%			2068	* *	5	$43,200	

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DEPARTMENT OF EDUCATION - 040
SPRING CREEK EDUCATIONAL CAMPUS - BK
Asset # : 14729

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$39,900	
Ceramic Tile	30%			2046	* *	5	$95,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$12,800	
Folding Partition	3%			2055	* *	5	$23,900	
Glass Block	2%			LIFE	* *	10	$2,600	
Glass: Single Pane	5%			LIFE	* *	5	$23,900	
Gypsum Board	13%	2-4	$14,500	LIFE	* *	5	$24,900	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gypsum Board	37%			LIFE	* *	5-10	$200,800	
Ceilings								
AcousTileSusp.Lay-In	55%			2053	* *	5	$125,200	
Exposed Struc: Steel	10%			LIFE	* *	10	$45,500	
Gypsum Board	30%			LIFE	* *	5-10	$234,700	
Metal Panel	5%			LIFE	* *	5	$28,500	
Site Enclosure								
Fence/Gates								
Aluminum Picket	50%			2059	* *			
Chain Link	50%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$23,500	2050	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Tripping Hazard, Extent : Moderate, Area Affected : 2%								
Location : By Front Entry Plaza								
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			
Activity Yard								
Asphalt	75%			2046	* *			
Rubber Matting	25%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 4,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$700	
Raceway								
Conduit	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
SPRING CREEK EDUCATIONAL CAMPUS - BK
Asset # : 14729

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$400	
Molded Case Bkrs	90%			2049	* *	5	$3,700	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$700	
Variable Frequency Drive	30%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$47,400	
Generators								
Diesel	100%			2042	* *	1	$59,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 350 Kilowatts.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$5,700	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$134,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
Fluorescent	10%			2038	* *	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof And Entrance Door								
Explanation : T-5 Lamp								
HID	20%			2038	* *	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,600	

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DEPARTMENT OF EDUCATION - 040
SPRING CREEK EDUCATIONAL CAMPUS - BK
Asset # : 14729

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2038	* *	1	$57,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$94,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Furnace	80%			2038	* *	1	$60,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 7 Rooftop Package Units								
Hot Water Boiler	20%			2046	* *	1	$15,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2049	* *	4	$2,300	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2046	* *	1	$10,000	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	80%			2038	* *	2	$7,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 7 Rooftop Units, R-410c Refrigerant								
Split Unit	20%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Various Locations								
Explanation : About 10 Units								

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DEPARTMENT OF EDUCATION - 040
SPRING CREEK EDUCATIONAL CAMPUS - BK
Asset # : 14729

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - 2 Pipe	20%			2038	* *	1	$10,000	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2038	* *	2	$21,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$136,000	
Exhaust Fans								
Roof	100%			2038	* *	2	$4,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$119,600	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 3 Tankless Units. One 120 Gallon Tank. One 400 Gallon Tank.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$6,100	
Backflow Preventer								
Generic	100%			2038	* *	1	$9,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$43,200	
Fire Pump								
Generic	100%			2042	* *	1	$28,800	
Chemical System								
Generic	100%			2031	$163,200	1-3	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covering 40 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SPRINGFIELD GARDENS H.S. - Q**		
Address	: **143-10 SPRINGFIELD BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q420**
Program / Asset #	: **BOE0872.000 / 2759**	**Yr Built/Renovated**	: **1965 / 2006**
Area Sq Ft	: **272,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **13057** **Lot** : **56**	**BIN**	: **4280845**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,079,300	$838,100
Interior Architecture	$3,410,800	$40,212,500
Electrical	$774,400	$7,946,900
Mechanical	$837,100	$3,469,000
Site Pavements	$100,600	
Total	**$7,202,200**	**$52,466,500**
Importance Code A	$2,079,300	$940,900
Importance Code B	$4,571,500	$51,384,000
Importance Code C	$551,400	$141,600
Total	**$7,202,200**	**$52,466,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$184,500		$69,900	$33,800
Electrical	$65,000	$44,300	$47,700	$52,700
Mechanical	$139,100	$59,500	$67,300	$58,200
Site Enclosure	$24,200			
Site Pavements	$7,400			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$424,100**	**$107,700**	**$188,900**	**$148,600**
Importance Code A	$48,000	$26,900	$26,900	$26,900
Importance Code B	$221,100	$80,800	$161,900	$121,700
Importance Code C	$155,100			
Total	**$424,100**	**$107,700**	**$188,900**	**$148,600**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$451,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Building Expansion Joints								
Metal Panel	5%			2043	* *	5-10	$86,200	
Window Wall	5%			2053	* *	5	$47,000	
Windows								
Aluminum	100%	4+	$85,400	2049	* *	5	$44,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Classrooms And Library								
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5-10	$186,100	
Metal Panel	5%			2043	* *	5	$8,800	
Metal Rail	35%			2038	* *	5-10	$286,800	
Roof								
Built-Up (BUR)	50%			2038	* *	10	$210,300	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Copper/Terne	5%			2061	* *	10	$52,600	
Modified Bitumen	35%	Now	$1,609,400	2043	* *			
Alligatoring, Extent : Severe, Area Affected : 50%								
Location : Gymnasium, Auditorium And Main Entrance Canopy								
Blisters, Extent : Severe, Area Affected : 20%								
Location : Gymnasium, Auditorium								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Gymnasium. Auditorium								
Plaza Roof: Stone Panels	10%			2053	* *			
Soffits								
Metal Panel	50%			2053	* *	5-10		
Stucco Cement	50%			2046	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$295,400	
Quarry Tile	5%			2046	* *	5	$33,800	
Terrazzo	5%			LIFE	* *	5	$35,200	
Traffic Topping	5%			2038	* *	5	$28,100	
Vinyl Tile	10%	Now	$62,200	2038	* *	3	$16,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	50%	Now	$1,986,000	2028	$39,719,700	3	$84,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms. Corridors, 1st, 2nd And 3rd Floors								
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : 1st Floor, Corridors At Stairs And Egress Doors								
Wood	10%			2061	* *	5	$84,400	
Interior Walls								
Ceramic Tile	2%	Now	$217,400	2042	* *	5	$6,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Toilet Rooms								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms								
Ceramic Tile	3%			2048	* *	5	$19,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$79,000	
Folding Partition	3%			2049	* *	5	$49,400	
Masonry: Brick	5%			LIFE	* *	10	$9,900	
Plaster	45%			LIFE	* *	5-10	$251,900	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	10%	2-4	$118,400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Lobby								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$49,400	
Wood	2%			LIFE	* *	5	$105,400	

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DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$87,300	2046	* *	5	$67,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Entry Lobby								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%								
Location : Entry Lobby								
AcousTileSusp.Lay-In	5%			2046	* *	5	$21,700	
Exposed Struc: Concrete	25%	2-4	$325,300	LIFE	* *	5	$17,000	
Spalling, Extent : Light, Area Affected : 10%								
Location : Basement								
Exposed Struc: Steel	5%			LIFE	* *	10	$43,400	
Metal Panel	25%	Now	$179,700	LIFE	* *	5	$135,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, 1st Floor Corridor								
Plaster	15%			LIFE	* *	5-10	$111,900	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2053	* *			
Iron Picket	20%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$24,200	2043	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Southwest Corner Of Site								
Retaining Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$100,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Asphalt	5%	2-4	$7,400	2036	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 10%								
Location : North Side Of Building								
Cast in Place Concrete	80%			2046	* *			
Pavers/Stone	15%			2042	* *			
Parking/Driveway								
Asphalt	90%			2042	* *			
Cast in Place Concrete	10%			2046	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$102,800	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 3,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$650,200	5	$1,200	
Raceway								
Conduit	100%			2033	$674,300	1		
Panelboards								
Fused Disc Sw	10%			2032	$63,900	5	$600	
Molded Case Bkrs	85%			2032	$542,900	5	$6,100	
Molded Case Bkrs	5%			2058	* *	5	$400	
Wiring								
Braided Cloth	65%	2-4	$584,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	$269,500	1		
Thermoplastic	5%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$362,900	5	$1,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$83,700	
Generators								
Diesel	100%			2036	* *	1	$105,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 165 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$10,100	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2033	$3,811,400	10	$234,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	$81,100	10	$5,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	4%			2041	* *			
Egress Lighting								
Emergency, Service	45%			2033	$75,400	1		
Emergency, Battery	10%			2028	$45,700	10	$6,600	
Exit, Service	45%			2028	$52,800	1		
Exterior Lighting								
HID	5%			2028	$63,500	10		
HID	15%	Now	$190,400	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof And Wall Perimeter								
No Component	80%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$50,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2028	$255,300	1	$50,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$701,600	1-3	$172,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bell, Smoke Detectors, Manual Pull Stations And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2053	* *	5	$84,300	

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DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	10%	0-2	$23,700	2038	* *	1	$24,200	
Insul. Deteriorating, Extent : Severe, Area Affected : 100%								
Location : Basement								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement. The Actuators Of Two Of The Boilers Are Defective								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units. Two Boilers Are Malfunctioning With Defective Actuator								
Steam Boiler	90%			2038	* *	1	$242,400	
Distribution								
Steam Piping/Pump	10%	Now	$10,900	2043	* *			
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump, Return Line, Various Locations. Steam Leaking In Library.								
Steam Piping/Pump	90%			2043	* *			
Terminal Devices								
Air Handler	40%			2028	$2,047,400	1	$67,300	
Convector/Radiator	60%			2038	* *	1	$52,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$41,200	2028	$412,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Various Locations. 25 Percent Of The Unit Is Not Working.								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$240,100	
Exhaust Fans								
Interior	20%			2028	$241,300	2	$1,700	
Roof	80%	0-2	$84,400	2033	$422,200	2	$5,300	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Roof. 1 Unit Is Not Working								
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Roof. 1 Unit With Broken Bearing								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$26,900	

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DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	0-2	$685,300	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement. Corroded House Trap. Sewage Backup At Basement								
Cracked, Extent : Severe, Area Affected : 100%								
Location : House Trap Cracked Causing Sewage To Spill. Pungent Odor At Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$54,500	4	$8,600	
Sewage Ejector(s)								
Electric	100%			2033	$142,400	4	$16,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To The Third Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$2,300	
Chemical System								
Generic	100%			2031	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **STATEN ISLAND TECH H.S. - SI**		
Address	: **485 CLAWSON ST. @ LINDBERGH AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R440**
Program / Asset #	: **BOE0948.000 / 1199**	**Yr Built/Renovated**	: **1936 / 2011**
Area Sq Ft	: **168,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **4244** **Lot** : **1**	**BIN**	: **5107621**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,195,600	$254,700
Interior Architecture	$287,600	$3,489,000
Electrical	$674,400	$870,400
Mechanical	$1,623,000	$1,864,300
Site Pavements		$228,500
Total	**$3,780,600**	**$6,706,900**
Importance Code A	$1,195,600	$254,700
Importance Code B	$2,585,000	$6,452,200
Total	**$3,780,600**	**$6,706,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$29,100			$30,800
Interior Architecture	$52,500			$14,000
Electrical	$1,500	$2,700	$37,500	$1,700
Mechanical	$99,200	$23,800	$42,500	$25,500
Site Enclosure	$38,500			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$232,700**	**$38,300**	**$91,800**	**$83,900**
Importance Code A	$54,200	$15,000	$15,000	$46,200
Importance Code B	$107,700	$23,300	$76,900	$37,700
Importance Code C	$70,800			
Total	**$232,700**	**$38,300**	**$91,800**	**$83,900**

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DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$168,500	
Masonry: Brick	60%			LIFE	* *	5	$86,300	
Masonry: Limestone	20%			LIFE	* *	5	$21,600	
Granite Panels	5%			LIFE	* *	5	$5,400	
Windows								
Aluminum	95%			2047	* *	5	$37,200	
Metal Louvers	5%			2027	$108,600	10	$12,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$20,600	
Masonry: Brick	80%	Now	$53,800	LIFE	* *	5	$21,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Various Third Floor Classrooms								
Metal Rail	10%			2044	* *	5-10	$48,000	
Roof								
Built-Up (BUR)	90%			2026	$951,700	10	$81,500	
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2059	* *	10	$11,300	
Skylight, Metal/Glass	5%			2041	* *	10	$15,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$54,400	
Ceramic Tile	5%			2034	* *	5	$12,400	
Panel/Paver: Cer/Brk	5%			2039	* *	5	$28,000	
Terrazzo	5%			LIFE	* *	5	$9,700	
Vinyl Tile	45%	Now	$61,900	2031	$3,092,800	3	$42,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	30%			2034	* *	5	$139,900	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$11,000	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	10%	Now	$26,800	LIFE	* *	5	$6,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Third Floor Classrooms								
Plaster	45%			LIFE	* *	5	$29,700	
SGFT/Glazed Masonry	20%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$80,100	2036	* *	5	$31,100	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Corridors And Cafeteria In The Building Addition								
Exposed Struc: Concrete	20%			LIFE	* *	5	$7,800	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2031	$194,000			
Plaster	50%	Now	$75,700	LIFE	* *	5	$77,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Third Floor Classrooms								
Site Enclosure								
Fence/Gates								
Chain Link	90%	Now	$38,500	2041	* *			
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Driveway Gate On Lindburgh Avenue								
Iron Picket	10%			2051	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2051	* *			
Retaining Walls								
Cast in Place Concrete	100%			2051	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Various Areaways								
Explanation : Currently Under Construction								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2036	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway								
Asphalt	90%			2034	* *			
Cast in Place Concrete	10%			2036	* *			
Activity Yard								
Asphalt	15%			2034	* *			
Traffic Topping	20%			2031	$228,500			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Athletic Field								
Explanation : This Is Actually A Poured In Place Track Surface								
No Component	65%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Athletic Field								
Explanation : This Is Actually Artificial Turf								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2031	$259,900	1		
Conduit	10%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$400	
Molded Case Bkrs	20%			2053	* *	5	$900	
Molded Case Bkrs	70%			2030	$237,500	5	$3,100	
Wiring								
Braided Cloth	70%	2-4	$279,700	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2057	* *	1		
Thermoplastic	20%			2031	$79,900	1		
Motor Controllers								
Locally Mounted	80%			2029	$145,200	5	$900	
Locally Mounted	20%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2039	* *	10	$147,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement And Some Areas								
LED	4%			2026	$186,200			
Recent Installation, Extent : N/A, Area Affected : 4%								
Location : Gymnasium And Auditorium								
Egress Lighting								
Emergency, Service	50%			2026	$51,700	1		
Exit, Service	50%			2026	$36,200	1		
Exterior Lighting								
HID	100%	Now	$156,800	2036	* *			
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 50%								
Location : Roof And Exterior Doors								
Alarm								
Security System								
Under Construction	100%							

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DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2041	* *	1-3	$10,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Heat Exchanger, Plate & Frame	20%			2034	* *	1	$16,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Steam Boiler	80%	Now	$23,400	2036	* *	1	$119,800	
Broken, Extent : Severe, Area Affected : 5%								
Location : Basement Outside Air Dampers For Boilers								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2030	$73,500	4	$1,700	
Steam Piping/Pump	80%	Now	$21,500	2041	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2026	$948,400	1	$31,200	
Convector/Radiator	50%			2036	* *	1	$27,100	
Fan Coil Unit/Heat	20%			2031	$833,100	1	$10,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2031	$398,900			
Window/Wall Unit	70%			2026	$445,500	1		
No Component	20%							

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DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	5%	Now	$13,000	2036	* *	1	$4,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : TV Studio Ceiling								
Other Observation, Extent : Light, Area Affected : 100%								
Location : TV Studio								
Explanation : Using Steam Coil For Heating - Air Handler Is Ceiling Mounted								
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%	Now	$7,800	2036	* *	2	$4,700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Outside Of TV Studio								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$147,600	LIFE	* *	2-5	$93,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout Duct, Flexible Joints								
Exhaust Fans								
Interior	75%			2031	$558,800	2	$3,900	
Roof	25%	Now	$24,400	2026	$81,500	2	$1,000	
Broken, Extent : Severe, Area Affected : 20%								
Location : Kitchen Exhaust								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	80%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$33,600	4	$3,500	
Sewage Ejector(s)								
Under Construction	100%							
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	35%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Hydraulic	65%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Basement To 3rd Floor, 1 Unit From Basement To 2nd Floor								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$2,400	
Chemical System								
No Component	95%							
Generic	5%			2026	$4,100	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **STATEN ISLAND TECH H.S. - SI FIELDHOUSE**		
Address	: **485 CLAWSON ST. @ LINDBERGH AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R440**
Program / Asset #	: **BOE0948.010 / 2943**	**Yr Built/Renovated**	: **1963 / 2008**
Area Sq Ft	: **3,600**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **4244** **Lot** : **1**	**BIN**	: **5107621**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		$79,900
Electrical		$68,100
Total		**$148,000**
Importance Code A		$79,900
Importance Code B		$68,100
Total		**$148,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$36,500		$1,300	
Interior Architecture		$900		
Electrical	$1,800	$200	$21,800	$100
Mechanical	$12,200	$200	$3,800	$200
Total	**$50,500**	**$1,300**	**$26,900**	**$300**
Importance Code A	$36,700	$200	$1,500	$200
Importance Code B	$13,900	$800	$25,400	$100
Importance Code C		$300		
Total	**$50,500**	**$1,300**	**$26,900**	**$300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI FIELDHOUSE
Asset # : 2943

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$27,800	LIFE	* *	5	$6,800	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : North Elevation								
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : All Elevations								
Metal Panel	5%			2051	* *	5-10	$2,600	
Metal Coiling Doors	5%			2036	* *	5	$1,200	
Windows								
Aluminum	100%	Now	$5,400	2039	* *	5	$300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 30%								
Location : North And East Elevations								
Roof								
Built-Up (BUR)	100%	Now	$1,600	2031	$79,900			
Gravel/Slag Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 30%								
Location : Leader At Northwest Corner Of Building								
Soffits								
Stucco Cement	100%	4+	$1,700	2036	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$5,200	
Ceramic Tile	30%			2040	* *	5	$1,200	
Vinyl Tile	10%			2031	$11,000	3	$200	
Interior Walls								
Ceramic Tile	30%			2040	* *	5	$600	
Concrete Masonry Unit	70%			LIFE	* *	5	$600	
Ceilings								
Exposed Struc: Concrete	75%			LIFE	* *	5	$500	
Exposed Struc: Steel	25%			LIFE	* *			
Site Pavements								
On-Site Walkways								
Asphalt	60%			2040	* *			
Cast in Place Concrete	40%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI FIELDHOUSE
Asset # : 2943

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$7,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	95%			2031	$15,400	1		
Conduit	5%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2030	$29,900	5	$100	
Wiring								
Thermoplastic	95%			2031	$20,400	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	95%			2029	$68,100	5		
Locally Mounted	5%			2044	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$3,300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Exit, Service	100%			2026	$1,600	1		
Exterior Lighting								
HID	100%	Now	$1,700	2026	$16,800			
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 50%								
Location : Exterior Walls								
Alarm								
Security System								
Generic	100%			2036	* *	1	$1,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2031	$11,200	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI FIELDHOUSE
Asset # : 2943

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$1,600	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2026	$3,400	1		
No Component	75%							
Ventilation								
Exhaust Fans								
Roof	50%	Now	$3,500	2041	* *	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Bathroom Fan On Roof								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2029	$8,500	2		
Gas Fired	50%			2024	$8,500	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Locker Rooms And Bathrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **STRONG PLACE DAY CARE CENTER ALONZO DAUGHTRY DAY CARE CENTER**
Address : **333 SECOND STREET BTWN: 4 AVE., 5 AVE.**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **ACS0002.000 / 13412**
Yr Built/Renovated : **2000 /**
Area Sq Ft : **11,200**
Project Type : **EDUCATION**
Date of Survey : **01-Oct-2021**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,2**
Block : **969** **Lot** : **52** **BIN** : **3346912**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$246,200	
Interior Architecture		$267,000
Electrical		$167,000
Mechanical		$251,000
Total	**$246,200**	**$684,900**
Importance Code A	$246,200	
Importance Code B		$684,900
Total	**$246,200**	**$684,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$33,000		$600	
Interior Architecture	$72,100		$600	$1,700
Electrical	$1,400	$1,000	$1,200	$1,300
Mechanical	$16,500	$6,500	$7,300	$12,900
Site Enclosure	$2,000			
Site Pavements	$1,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$130,800**	**$11,500**	**$13,600**	**$19,800**
Importance Code A	$33,600	$600	$1,100	$600
Importance Code B	$64,100	$10,900	$12,500	$19,200
Importance Code C	$33,100			
Total	**$130,800**	**$11,500**	**$13,600**	**$19,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

STRONG PLACE DAY CARE CENTER ALONZO DAUGHTRY DAY CARE CENTER

Asset # : 13412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$15,800	
Masonry: Brick Cavity	90%	Now	$79,300	LIFE	* *	5	$18,200	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Window Sills								
Masonry: Granite	5%			LIFE	* *	5	$1,500	
Windows								
Aluminum	100%			2049	* *	5	$2,900	
Parapets								
Concrete Masonry Unit	85%			LIFE	* *	5-10	$19,500	
Metal Panel	12%			2053	* *	5	$1,900	
Metal: Cage/Fence	3%			2046	* *	5-10	$1,000	
Roof								
Metal Panel	25%	Now	$7,400	2046	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 203								
Modified Bitumen	75%	Now	$166,900	2043	* *			1
Blisters, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Seams Open/Split, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 120, 203 And 206								
Soffits								
Alum/Vinyl Siding	100%			2053	* *	10		
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$2,100	
Ceramic Tile	5%			2042	* *	5	$800	
Quarry Tile	5%			2046	* *	5	$1,200	
Sheet Vinyl/Rubber	25%	Now	$13,400	2033	$267,000	5	$3,100	
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Vinyl Tile	62%	2-4	$14,000	2038	* *	3	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Mechanical Space								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

STRONG PLACE DAY CARE CENTER ALONZO DAUGHTRY DAY CARE CENTER

Asset # : 13412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%	Now	$4,900	2042	* *	5	$2,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Base Of Walls Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,200	
Gypsum Board	78%			LIFE	* *	5-10	$39,200	
Metal: Cage/Fence	2%			LIFE	* *	10	$100	
Ceilings								
AcousTileSusp.Lay-In	73%	Now	$9,900	2046	* *	5	$6,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Library								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 203, 206 And Library								
Exposed Struc: Steel	2%			LIFE	* *	10	$700	
Gypsum Board	20%	Now	$1,100	LIFE	* *	5	$4,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Roof Stair								
Metal Panel	5%			LIFE	* *	5	$2,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%	2-4	$2,000	2068	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Play Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$1,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : By Front Entry								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Various Entries								
Activity Yard								
Pavers/Stone	10%			2036	* *			
Rubber Matting	90%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

STRONG PLACE DAY CARE CENTER ALONZO DAUGHTRY DAY CARE CENTER

Asset # : 13412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5		
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	2%			2041	* *	5		
Molded Case Bkrs	98%			2041	* *	5	$300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$158,600	10	$9,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2033	$8,300	10	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Light								
Egress Lighting								
Emergency, Battery	50%			2033	$9,400	10	$1,400	
Exit, LED	50%			2048	* *	1		
Exterior Lighting								
HID	30%			2033	$15,700	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$21,000	1	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2033	$28,900	1-3	$7,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

STRONG PLACE DAY CARE CENTER ALONZO DAUGHTRY DAY CARE CENTER

Asset # : 13412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	75%			2033	$26,100	1	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Hot Water Boiler	25%			2038	* *	1	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	25%			2041	* *	4	$200	
No Component	75%							
Terminal Devices								
Convector/Radiator	25%			2038	* *	1	$900	
No Component	75%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2033	$169,400	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Rooftop Package Units On Roof								
Split Unit	10%			2028	$26,600			
Terminal Devices								
Fan Coil - 2 Pipe	10%			2028	$34,200	1	$400	
No Component	90%							
Heat Rejection								
Dry Cooler	10%			2028	$5,100	2	$800	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,900	
Exhaust Fans								
Roof	100%			2033	$21,700	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

STRONG PLACE DAY CARE CENTER ALONZO DAUGHTRY DAY CARE CENTER

Asset # : 13412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater With Tanks								
Gas Fired	50%			2028	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Boiler Room								
Explanation : One Unit								
Gas Fired	50%			2032	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Boiler Room								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2028	$5,000	1	$700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Chemical System								
Generic	100%			2028	$81,600	1-3	$80,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 20 Square Feet In Kitchen.								
Explanation : 1 Set.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **STUYVESANT HIGH SCHOOL - M**		
Address	: **345 CHAMBERS ST. @ WEST ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M477**
Program / Asset #	: **BOE0982.000 / 4147**	**Yr Built/Renovated**	: **1992 / 2012**
Area Sq Ft	: **411,094**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,5,6,9,10,Ph**		
Block	: **16** **Lot** : **215**	**BIN**	: **1084587**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,516,000	$2,413,300
Interior Architecture	$2,540,000	$3,483,200
Electrical	$424,200	$7,241,400
Mechanical	$2,946,600	$30,800,300
Total	**$8,426,700**	**$43,938,200**
Importance Code A	$2,587,600	$2,413,300
Importance Code B	$4,860,800	$41,023,500
Importance Code C	$978,200	$501,400
Total	**$8,426,700**	**$43,938,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$35,200		$15,100	
Interior Architecture	$187,300		$9,200	$97,500
Electrical	$78,600	$67,000	$74,700	$74,600
Mechanical	$167,100	$212,800	$325,500	$222,200
Elevators/Escalators	$101,300	$101,300	$101,300	$101,300
Total	**$569,500**	**$381,000**	**$525,800**	**$495,600**
Importance Code A	$35,200	$40,700	$55,800	$40,700
Importance Code B	$479,300	$340,300	$470,000	$424,400
Importance Code C	$55,000			$30,600
Total	**$569,500**	**$381,000**	**$525,800**	**$495,600**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$542,000	
Masonry: Brick Cavity	70%			LIFE	* *	5	$485,600	
Metal Panel	5%			2043	* *	5-10	$119,200	
Granite Panels	10%			LIFE	* *	5	$52,000	
Window Wall	5%			2043	* *	5	$65,000	
Windows								
Aluminum	83%	0-2	$1,849,700	2049	* *	5	$48,500	
Unit Inoperable, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Metal Louvers	17%			2042	* *	10	$124,200	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$162,900	
Concrete Masonry Unit	5%			LIFE	* *	5-10	$6,200	
Masonry: Brick Cavity	54%			LIFE	* *	5-10	$83,300	
Metal Rail	3%			2046	* *	5-10	$12,200	
Pre-Cast Concrete	3%			LIFE	* *	5	$8,500	
Roof								
Green, Roof Inaccessible	5%			LIFE	* *			
IRMA/Protected Membrane	78%			2033	$1,542,000	10	$65,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Inverted Roof Membrane Assembly Covered With Pavers								
Metal Panel	5%			2046	* *	10	$7,700	
Plaza Roof: Stone Panels	10%			2053	* *			
Skylight, Metal/Glass	2%			2053	* *	10	$5,600	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Carpet	2%			2029	$217,700	3	$24,600	
Cast in Place Concrete	5%			LIFE	* *	5	$134,600	
Ceramic Tile	5%			2042	* *	5	$30,800	
Poured Epoxy/Resin	5%			2028	$1,723,500			
Quarry Tile	2%			2046	* *	5	$18,500	
Sheet Vinyl/Rubber	2%			2033	$805,100	5	$18,500	
Terrazzo	10%			LIFE	* *	5	$96,100	
Vinyl Tile	59%	0-2	$1,002,900	2038	* *	3	$136,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%			2061	* *	5	$115,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$152,900	
Ceramic Tile	5%			2042	* *	5	$61,100	
Concrete Masonry Unit	15%			LIFE	* *	5	$146,700	
Folding Partition	2%			2049	* *	5	$61,100	
Gypsum Board	15%			LIFE	* *	5-10	$311,800	
Granite Panels	5%			LIFE	* *	10	$24,500	
Plaster	20%			LIFE	* *	5-10	$207,900	
SGFT/Glazed Masonry	28%			LIFE	* *	10	$171,200	
Wood	5%			LIFE	* *	5	$489,100	
Ceilings								
AcousTileSusp.Lay-In	63%	4+	$121,700	2038	* *	5	$182,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$36,300	
Recent Repair Evident, Extent : N/A, Area Affected : 10%								
Location : Pool Mechanical Room								
Exposed Struc: Steel	5%			LIFE	* *	10	$58,100	
Gypsum Board	20%			LIFE	* *	5-10	$399,300	
Metal Panel	2%			LIFE	* *	5	$29,000	
Plaster	5%			LIFE	* *	5-10	$49,900	
Site Enclosure								
Free Standing Walls								
Masonry: Fieldstone	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	80%			2038	* *			
Pavers/Stone	20%			2042	* *			
On-Site Walkways								
Cast in Place Concrete	50%			2046	* *			
Masonry: Granite	30%			LIFE	* *			
Pavers/Stone	20%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Main Service Disconnect Switches Rated At 5,000 Amperes Each								

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DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Twelve Vertical Sections								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2041	* *	5	$1,400	
Molded Case Bkrs	85%			2041	* *	5	$9,200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	18%			2038	* *	5	$500	
Motor Control Center	80%			2038	* *	5	$9,000	
Variable Frequency Drive	2%			2050	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$6,000	
Generic	50%	0-2	$5,200	LIFE	* *	5	$3,000	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$126,500	
Generators								
Diesel	100%			2036	* *	1	$159,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : Emergency Generator Rated At 800 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$15,200	
Fuel Storage								
Day Tank	100%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : 75 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2033	$4,902,500	10	$301,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2033	$183,800	10	$11,300	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Hallways								
Fluorescent	5%			2028	$306,400	10	$18,900	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement And Penthouse								
Fluorescent	7%			2033	$429,000	10	$26,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Hallways								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Service	49%			2033	$124,100	1		
Emergency, Battery	1%			2033	$6,900	10	$1,000	
Exit, Service	50%			2033	$88,600	1		
Exterior Lighting								
HID	5%			2033	$95,900	10	$100	
LED	5%			2038	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$900	
Alarm								
Security System								
Generic	100%			2033	$771,700	1	$153,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm								
Fire/Smoke Detection								
Generic, Digital	100%	0-2	$424,200	2043	* *	1-3	$230,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Basement, Gymnasium, Mechanical Rooms								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns. The System Is Obsolete With Frequent Repairing.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$71,700	2038	* *	1	$366,400	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Expansion Tank In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	80%			2041	* *	4	$24,300	
Steam Piping/Pump	20%	0-2	$32,900	2043	* *			
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations, 6th Floor Gymnasium								
Terminal Devices								
Air Handler	60%			2033	$4,641,700	1	$152,500	
Convector/Radiator	5%	0-2	$16,800	2038	* *	1	$6,000	
Not Energy Efficient, Extent : Light, Area Affected : 15%								
Location : Various Locations								
Fan Coil Unit/Heat	35%			2033	$3,567,400	1	$46,500	
Controls								
Digital	43%	Now	$101,500	2031	$5,076,900			
Software Issue Suspected, Extent : Moderate, Area Affected : 10%								
Location : Equipment Runs On Manual - Throughout The Building								
Digital	57%			2031	$6,729,900			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	85%			2036	* *	1	$378,100	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Exterior Pkg Unit - Cooling	10%			2038	* *	2	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : Served The Pool								
Split Unit	5%			2033	$488,100			
Distribution								
CW & CHW Wtr Pipe/Pump	85%			2043	* *	4	$17,200	
No Component	15%							

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DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	85%			2033	$6,780,200	1	$216,100	
Fan Coil - 2 Pipe	5%			2033	$627,100	1	$6,600	
No Component	10%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2033	$59,500	2	$14,300	
Water Cooling Tower	85%	Now	$1,765,000	2038	* *	2	$281,300	
Corroded, Extent : Severe, Area Affected : 70%								
Location : Roof								
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Roof								
Noisy/Vibrating, Extent : Moderate, Area Affected : 100%								
Location : Roof								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$902,800	LIFE	* *	2-5	$229,200	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : The Dampers, Various Locations								
Exhaust Fans								
Interior	90%			2033	$1,640,900	2	$11,300	
Roof	10%	0-2	$4,000	2033	$79,800	2	$1,000	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof Unit 59 Needs New Housing								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$105,600	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valve, Swimming Pool Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$82,300	4	$13,000	
Pool Filter/Treatment								
Sand	100%			2038	* *	4	$101,800	
Sewage Ejector(s)								
Electric	100%			2033	$215,200	4	$24,500	
Backflow Preventer								
Generic	100%			2033	$183,600	1	$25,200	

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DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit From Basement To Penthouse, 2 Units From 1st To 10th Floor, 1 Unit From Basement To 5th Floor.								
Explanation : 4 Units								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Lift Unit From Ground To Penthouse.								
Explanation : 1 Unit								
Escalators								
Over 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 9th Floor								
Explanation : 14 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$207,300	
Sprinkler								
Generic	100%			2043	* *	1-2	$115,200	
Fire Pump								
Generic	100%			2036	* *	1	$76,800	
Chemical System								
Generic	100%	0-2	$7,300	2033	$367,200	1-3	$310,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, Hood Is 30 Feet Long, 90 Square Feet Total. Old Unit, On Extended Life.								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**SUNSET PARK H.S. - BK**			
Address	:	**153 35TH STREET BTWN 3RD AVE. - 4TH AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K564**
Program / Asset #	:	**BOE1087.000 / 14438**	**Yr Built/Renovated**	:	**2009 /**
Area Sq Ft	:	**196,080**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**15-Feb-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,5,Ph**			
Block	:	**688** **Lot** : **26**	**BIN**	:	**3394175**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$468,500	$257,000
Interior Architecture	$838,600	$667,500
Electrical	$81,500	$170,800
Mechanical	$357,300	$5,385,100
Total	**$1,745,900**	**$6,480,400**
Importance Code A	$468,500	$257,000
Importance Code B	$903,800	$5,911,400
Importance Code C	$373,700	$312,000
Total	**$1,745,900**	**$6,480,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$148,900			
Interior Architecture	$276,400			$29,300
Electrical	$41,000	$31,900	$36,700	$34,400
Mechanical	$157,200	$47,500	$113,500	$76,000
Site Enclosure	$3,900			
Site Pavements	$12,700			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$655,000**	**$94,300**	**$165,000**	**$154,500**
Importance Code A	$148,900			
Importance Code B	$439,400	$94,300	$165,000	$154,500
Importance Code C	$66,600			
Total	**$655,000**	**$94,300**	**$165,000**	**$154,500**

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DEPARTMENT OF EDUCATION - 040
SUNSET PARK H.S. - BK
Asset # : 14438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%	Now	$209,600	LIFE	* *	5	$50,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Stair								
Masonry: Brick	65%			LIFE	* *	5	$264,700	
Masonry: Granite	5%			LIFE	* *	5	$15,300	
Metal Panel	5%	4+	$33,800	2053	* *	5	$19,100	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$33,100	2049	* *	5	$17,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Story Classrooms								
Metal Louvers	5%			2042	* *	10	$11,400	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$147,400	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$45,100	
Masonry: Brick	45%			LIFE	* *	5-10	$48,800	
Roof								
IRMA/Protected Membrane	95%	Now	$52,900	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Corridor And Classroom 529								
Skylight, Metal/Glass	5%			2053	* *	10	$19,600	
Soffits								
Gypsum Board: Exterior Grade	85%			LIFE	* *			
Metal Panel	15%			2053	* *	5-10	$7,900	
Interior								

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DEPARTMENT OF EDUCATION - 040
SUNSET PARK H.S. - BK
Asset # : 14438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$77,900	2029	$259,500	3	$22,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Auditorium, Library, Offices And Conference Rooms								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Cast in Place Concrete	5%			LIFE	* *	5	$64,200	
Ceramic Tile	5%			2042	* *	5	$14,700	
Traffic Topping	10%			2038	* *	5	$36,700	
Vinyl Tile	40%	Now	$64,900	2038	* *	3	$44,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors, Basement								
Wood	35%	0-2	$306,300	2061	* *	5	$96,300	
Ridging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *	10	$131,400	
Ceramic Tile	17%	Now	$122,900	2042	* *	5	$55,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria And Corridors Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$26,300	
Folding Partition	1%			2049	* *	5	$16,400	
Glass Block	1%			LIFE	* *	10	$2,600	
Glass: Single Pane	2%			LIFE	* *	5	$19,700	
Gypsum Board	65%	0-2	$119,500	LIFE	* *	5	$256,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 5th Floor Corridor								
Wood	1%			LIFE	* *	5	$52,500	

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DEPARTMENT OF EDUCATION - 040
SUNSET PARK H.S. - BK
Asset # : 14438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	68%			2046	* *	5	$187,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$27,600	
Gypsum Board	20%	Now	$48,200	LIFE	* *	5	$68,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 5th Floor Corridor And Classroom								
Metal Panel	3%	0-2	$5,500	LIFE	* *	5	$10,300	
Loose Units, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Wood	4%	0-2	$25,000	LIFE	* *	5	$96,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Explanation : Delaminating Finish								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$3,900	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Gate Lock Broken								
Free Standing Walls								
Cast in Place Concrete	50%			2068	* *			
Masonry: Brick	50%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$10,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along 34th Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,600	2046	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Stair Nosing Loose At 35th Street And 4th Avenue Entrances								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$800	
Raceway								
Conduit	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
SUNSET PARK H.S. - BK
Asset # : 14438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$200	
Molded Case Bkrs	95%			2049	* *	5	$4,900	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$1,100	
Variable Frequency Drive	20%			2038	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$60,300	
Generators								
Diesel	100%			2042	* *	1	$75,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Ground								
Explanation : 200 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$7,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Load Bank Is Present								
Fuel Storage								
Day Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$170,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	5%	Now	$81,500	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Faulty Ballasts								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040
SUNSET PARK H.S. - BK
Asset # : 14438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2038	* *	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Toggle Switch								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,200	
Alarm								
Security System								
Generic	100%			2038	* *	1	$73,200	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$120,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Terminal Devices								
Convector/Radiator	100%	Now	$32,100	2038	* *	1	$57,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Building Entrance Vestibule, 1st Floor Near Exit A								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Electric Radiators Located In Corridors And Stairwells.								
Controls								
Electrical	100%	Now	$21,800	2028	$1,090,100			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations - Defective Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2033	$2,964,900	2	$10,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 7 Rooftop Units. Utilizes Refrigerant R407c For Cooling. Refer To Heating - Furnace For Heating Description.								
Split Unit	10%			2033	$465,600			

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DEPARTMENT OF EDUCATION - 040
SUNSET PARK H.S. - BK
Asset # : 14438

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Ductwork/Diffusers	60%	Now	$258,400	LIFE	* *	2	$153,100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Various Locations - Fire And Smoke Dampers Failed In Closed Position								
Ductwork/Diffusers	40%			LIFE	* *	2	$127,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$173,100	
Exhaust Fans								
Roof	100%			2033	$380,500	2	$6,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$50,400	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Water Meter Room - Leaking Booster Pump (1 Of 3)								
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Boiler Room								
Explanation : 1 Unit - 28 Gallons. Serves Science Laboratory. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$39,300	4	$6,200	
Sewage Ejector(s)								
Electric	100%			2033	$102,700	4	$11,700	
Backflow Preventer								
Generic	100%			2033	$87,600	1	$12,000	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2028	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Boiler Room								
Explanation : 1 Unit - 400,000 Btu/hr Input								
Hot Water Storage Tank								
Generic	100%			2033	$15,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Boiler Room								
Explanation : 1 Unit - 180 Gallons. Quantity 1								
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
SUNSET PARK H.S. - BK
Asset # : 14438

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Two Passenger Units From Cellar To 5th Floor								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : One Freight Unit From Basement To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$54,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : 3 Connections Located Outside Of The Building								
Fire Pump								
Generic	100%			2036	* *	1	$36,600	
Chemical System								
Wet	100%			2028	$293,800	1-3	$334,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood: 72 Square Feet - 18-ft L X 4-ft W.								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **SUSAN E. WAGNER H.S. - SI PERFORMING ARTS CENTER**
Address : **1220 MANOR ROAD**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0952.010 / 14932**
Area Sq Ft : **25,643**
Date of Survey : **24-Nov-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **955** **Lot** : **100**

Agency's Number : **R460**
Yr Built/Renovated : **2016 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$72,700	
Mechanical		$142,600
Total	**$72,700**	**$142,600**
Importance Code A	$72,700	
Importance Code B		$142,600
Total	**$72,700**	**$142,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$97,400	$6,300	$2,100	
Interior Architecture	$85,100	$16,300	$18,600	$1,000
Electrical	$2,900	$2,700	$2,900	$2,400
Mechanical	$21,400	$9,300	$16,000	$8,400
Site Enclosure	$3,000			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$213,800**	**$38,500**	**$43,500**	**$15,700**
Importance Code A	$98,700	$7,500	$3,300	$1,300
Importance Code B	$63,800	$31,000	$25,900	$13,400
Importance Code C	$51,300		$14,300	$1,000
Total	**$213,800**	**$38,500**	**$43,500**	**$15,700**

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DEPARTMENT OF EDUCATION - 040

SUSAN E. WAGNER H.S. - SI PERFORMING ARTS CENTER

Asset # : 14932

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	3%			LIFE	* *	5	$1,600	
Masonry: Brick	75%			LIFE	* *	5	$63,000	
Metal Panel	10%			2053	* *	5-10	$28,900	
Window Wall	12%			2059	* *	5	$18,900	
Windows								
Aluminum	95%			2055	* *	5	$6,300	
Metal Louvers	5%			2046	* *	10	$2,100	
Parapets								
Cast in Place Concrete	40%	2-4	$15,700	LIFE	* *	5	$36,100	
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$12,400	
Masonry: Brick	45%			LIFE	* *	5-10	$26,900	
Metal Panel	5%			2059	* *	5	$1,700	
Metal Rail	5%			2050	* *	5-10	$7,900	
Roof								
Modified Bitumen	100%	0-2	$72,700	2038	* *			
Ponding, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Soffits								
Metal Panel	100%			2059	* *	5-10	$26,100	
Interior								
Floors								
Quarry Tile	10%			2050	* *	5	$5,800	
Sheet Vinyl/Rubber	3%			2041	* *	5	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Dance Studio								
Explanation : Location Observed								
Terrazzo	15%			LIFE	* *	5	$9,000	
Vinyl Tile	72%			2041	* *	3	$10,400	
Interior Walls								
Ceramic Tile	35%			2046	* *	5	$28,600	
Fabric on Framing	5%			2037	* *	5	$2,000	
Gypsum Board	55%			LIFE	* *	5-10	$76,400	
Metal Panel	5%			LIFE	* *	10	$1,800	
Ceilings								
AcousTileSusp.Lay-In	75%			2050	* *	5	$26,900	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$2,200	
Gypsum Board	15%			LIFE	* *	5-10	$18,500	
Wood	5%			LIFE	* *	5	$31,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2077	* *			

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DEPARTMENT OF EDUCATION - 040

SUSAN E. WAGNER H.S. - SI PERFORMING ARTS CENTER

Asset # : 14932

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$3,000	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exterior Ramp								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2050	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2059	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2,000 Amp Main Disconnect Switch								
Fused Disc Sw	10%			2059	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 100 Amp Emergency Lighting Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$100	
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Fused Disc Sw	10%			2055	* *	5	$100	
Molded Case Bkrs	90%			2055	* *	5	$600	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	20%			2050	* *	5		
Variable Frequency Drive	80%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								

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Asset # : 14932

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2041	* *	10	$21,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	8%			2041	* *	10	$1,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$3,100	
Exit, LED	40%			2068	* *	1		
Exit, Service	10%			2041	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$800	
Alarm								
Security System								
Generic	100%			2041	* *	1	$9,600	
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$15,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	1%			2053	* *	1		
Natural Gas	99%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$12,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$1,900	
Terminal Devices								
Air Handler	99%			2038	* *	1	$15,700	
Fan Coil Unit/Heat	1%			2038	* *	1	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Unit Heater								
Controls								
Electrical	100%			2031	$142,600			

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SUSAN E. WAGNER H.S. - SI PERFORMING ARTS CENTER

Asset # : 14932

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2042	* *	1	$25,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper Roof								
Explanation : 1 Unit								
Split Unit	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper Roof								
Explanation : 4 Units								
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2053	* *	4	$800	
Ductwork/Diffusers	60%			LIFE	* *	2	$25,000	
Terminal Devices								
Air Handler/Cool/Ht	90%			2038	* *	1	$14,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper And Lower Roofs								
Explanation : 4 Units								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$22,600	
Exhaust Fans								
Interior	90%			2038	* *	2	$700	
Roof	10%			2038	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : 3rd Floor								
Explanation : Water Heater Missing, Water Heating Piping And Flue Remain								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Not Accessible	100%							
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$1,000	
Backflow Preventer								
Generic	100%			2038	* *	1	$1,600	
Fixtures								
Generic	100%							

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Asset # : 14932

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement - Second Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$12,900	
Sprinkler								
Generic	100%			2053	* *	1-2	$7,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **SUSAN E. WAGNER HIGH SCHOOL - SI**		
Address	: **1200 MANOR ROAD @BRIELLE AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R460**
Program / Asset #	: **BOE0952.000 / 1202**	**Yr Built/Renovated**	: **1968 / 2018**
Area Sq Ft	: **343,884**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,Ph**		
Block	: **955** **Lot** : **100**	**BIN**	: **5113197**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$774,500	$316,700
Interior Architecture	$9,526,600	$59,524,100
Electrical	$673,900	$10,124,000
Mechanical	$6,395,600	$8,381,800
Site Pavements	$670,700	$346,000
Total	**$18,041,300**	**$78,692,700**
Importance Code A	$774,500	$3,416,900
Importance Code B	$15,223,200	$75,159,400
Importance Code C	$2,043,600	$116,400
Total	**$18,041,300**	**$78,692,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$75,600	$2,700	$30,900	
Interior Architecture	$173,300			$45,000
Electrical	$113,000	$32,600	$35,700	$42,300
Mechanical	$277,600	$130,300	$127,100	$101,600
Site Enclosure	$58,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$701,700**	**$169,500**	**$197,700**	**$192,900**
Importance Code A	$109,700	$36,800	$65,000	$34,100
Importance Code B	$519,900	$132,700	$132,700	$158,800
Importance Code C	$72,200			
Total	**$701,700**	**$169,500**	**$197,700**	**$192,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$349,500	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	20%			LIFE	* *	5	$284,000	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$47,800	2049	* *	5	$25,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Cafeteria								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$98,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Rail	2%			2050	* *	5-10	$6,900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	23%			LIFE	* *	5	$55,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	5%			2046	* *	10	$21,700	
Modified Bitumen	80%	0-2	$207,300	2038	* *			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Plaza Roof: Stone Panels	10%			2053	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Repair Evident								
Skylight, Metal/Glass	5%	Now	$166,500	2053	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Roof Above Stair 7 And 8								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Stucco Cement	100%			2046	* *	5	$18,400	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$43,800	LIFE	* *	5	$56,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations, Basement								
Ceramic Tile	5%	Now	$145,100	2036	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%	Now	$94,700	2038	* *	5	$19,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Terrazzo	10%			LIFE	* *	5	$80,400	
Vinyl Tile	5%	4+	$35,500	2038	* *	3	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	65%	Now	$5,904,800	2028	$59,047,600	3	$125,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%	0-2	$307,000	2048	* *	5	$24,100	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$115,500	
Ceramic Tile	3%	Now	$76,200	2036	* *	5	$13,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Throughout								
Concrete Masonry Unit	3%	0-2	$52,100	LIFE	* *	5	$11,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Folding Partition	2%	0-2	$51,200	2041	* *	5	$23,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 60%								
Location : Auditorium								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : Folding Partition Location Clarified								
Masonry: Brick	5%			LIFE	* *	10	$13,900	
Plaster	42%	0-2	$944,100	LIFE	* *	5	$116,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Auditorium, 220s, 260s And 280s								
SGFT/Glazed Masonry	40%	Now	$664,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridor								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Corridor								
Ceilings								
AcousTileConcealSpLn	57%	0-2	$459,700	2038	* *	5	$178,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	3%			2038	* *	5	$15,000	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$31,300	
Metal Panel	18%	Now	$597,600	LIFE	* *	5	$112,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	2%			LIFE	* *	5	$25,100	
Plaster	15%	2-4	$114,300	LIFE	* *	5	$47,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Site Enclosure								

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	85%			2043	* *			
Iron Picket	15%	4+	$32,200	2053	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%	Now	$26,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$91,500	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Loose/Delam Surface, Extent : Light, Area Affected : 25%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$140,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout And Steps								
Parking/Driveway								
Asphalt	100%			2036	* *			
Activity Yard								
Asphalt	75%	Now	$439,100	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Basketball And Tennis Courts								
Rubber Matting	25%			2033	$346,000			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2033	$20,600	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Fused Disc Sw	60%			2033	$61,700	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,500 Ampere Main Disconnect Switches								
Fused Disc Sw	20%			2033	$20,600	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch For Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	$585,200	5	$1,300	
Fused Disc Sw	10%			2043	* *	5	$100	
Raceway								
Conduit	85%			2033	$573,100	1		
Conduit	10%			2043	* *	1		
Conduit	5%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Panelboards								
Fused Disc Sw	15%			2032	$95,800	5	$1,200	
Fused Knife Sw	5%	0-2	$31,900	2058	* *	5	$200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	70%			2032	$447,100	5	$6,300	
Molded Case Bkrs	10%			2055	* *	5	$900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Wiring								
Braided Cloth	75%	0-2	$673,900	2058	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	5%			2059	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Motor Controllers								
Locally Mounted	30%			2031	$108,900	5	$700	
Motor Control Center	70%			2031	$1,017,900	5	$6,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$10,100	
Lighting								

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DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2033	$4,357,300	10	$268,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2033	$512,600	10	$31,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2038	* *			
Egress Lighting								
Emergency, Battery	45%			2028	$259,800	10	$37,400	
Emergency, Battery	5%			2033	$28,900	10	$4,200	
Exit, Service	47%			2028	$69,700	1		
Exit, Service	3%			2033	$4,400	1		
Exterior Lighting								
HID	8%			2028	$128,400	10	$100	
Incandescent	1%			2028	$18,400	2		
LED	1%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$645,500	1	$128,400	
Fire/Smoke Detection								
Generic, Digital	100%			2033	$887,000	1-3	$218,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$106,500	
Exposed Tank(s), Extent : Light, Area Affected : 100%								
Location : Two 15,000 Gallon Tanks, Vault								
Conversion Equipment								
Steam Boiler	100%			2031	$2,997,400	1	$340,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$137,700	2043	* *			
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	35%	Now	$45,300	2028	$2,265,000	1	$67,000	
Damaged, Extent : Light, Area Affected : 20%								
Location : Insulation For Units In Penthouse								
Convector/Radiator	60%			2038	* *	1	$66,600	
Fan Coil Unit/Heat	5%			2033	$426,300	1	$5,600	
Controls								
Electrical	10%			2026	$191,200			
Pneumatic	90%	Now	$119,600	2027	$5,981,500			
Broken, Extent : Moderate, Area Affected : 5%								
Location : 1 Of 2 Air Compressors In Boiler Room In Basement								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2038	* *	2	$2,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : For Clinic								
Split Unit	5%			2038	* *			
Window/Wall Unit	70%			2028	$911,900	1		
No Component	15%							
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$28,000	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$303,600	
Exhaust Fans								
Interior	45%			2033	$686,300	2	$4,700	
Roof	35%			2028	$233,500	2	$3,700	
Roof	20%			2038	* *	2	$2,100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement								
Explanation : 2 Water Meters								
HW Heat Exchanger								
Steam Fired	100%			2043	* *	4	$34,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$10,600	4	$10,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2033	$180,100	4	$20,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To Fourth Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2053	* *	1-2	$14,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st, 3rd And 4th Floors								
Explanation : Administration Area And Laboratory Classrooms								
Chemical System								
Generic	100%			2031	$489,600	1-3	$446,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 30 Feet Long, 120 Square Feet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **TEACHERS PREPARATORY H.S. - BK**		
Address	: **226 BRISTOL ST. @BLAKE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K175**
Program / Asset #	: **BOE0473.000 / 681**	**Yr Built/Renovated**	: **1914 / 2012**
Area Sq Ft	: **89,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Mar-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,5**		
Block	: **3541** **Lot** : **1**	**BIN**	: **3081419**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$61,000	$449,000
Interior Architecture	$134,200	$65,500
Electrical	$73,500	
Mechanical	$101,100	$835,000
Total	**$369,900**	**$1,349,500**
Importance Code A	$61,000	$449,000
Importance Code B	$308,800	$900,500
Total	**$369,900**	**$1,349,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$3,800		$6,200	
Interior Architecture	$28,900	$3,400	$7,000	$11,400
Electrical	$15,400	$8,800	$9,200	$10,700
Mechanical	$17,600	$13,700	$20,700	$13,700
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$70,700**	**$30,900**	**$48,100**	**$40,600**
Importance Code A	$12,600	$8,800	$15,200	$8,800
Importance Code B	$58,100	$18,600	$32,800	$31,800
Importance Code C		$3,400		
Total	**$70,700**	**$30,900**	**$48,100**	**$40,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H.S. - BK
Asset # : 681

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	73%			LIFE	* *	5	$84,700	
Masonry: Brick Cavity	20%			LIFE	* *	5	$23,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Cavity Walls At Gymnasium Addition								
Masonry: Granite	2%			LIFE	* *	5	$1,700	
Masonry: Limestone	5%			LIFE	* *	5	$4,300	
Windows								
Aluminum	100%	Now	$61,000	2039	* *	5	$12,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$31,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Cavity Walls At Gymnasium Addition								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Masonry: Brick	70%			LIFE	* *	5	$10,700	
Roof								
Built-Up (BUR)	75%			2031	$364,400	10	$31,200	
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	15%			2036	* *	10	$6,200	
Metal Panel	5%			2044	* *	10	$3,800	
Sloped Glazing	5%			LIFE	* *	5	$27,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,600	
Ceramic Tile	5%			2034	* *	5	$7,000	
Marble Panels	5%			LIFE	* *	5	$5,200	
Quarry Tile	5%			2044	* *	5	$10,500	
Vinyl Tile	65%	Now	$50,200	2036	* *	3	$34,100	
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Wood	10%	4+	$16,700	2046	* *	5	$13,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Library								

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DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H.S. - BK
Asset # : 681

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$6,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,500	
Gypsum Board	10%			LIFE	* *	5	$8,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$24,600	
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$14,000	
AcousTileSusp.Lay-In	5%			2044	* *	5	$7,000	
Exposed Struc: Steel	5%	4+	$84,000	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Vaulted Ceilings								
Metal Panel	5%			LIFE	* *	5	$8,700	
Plaster	75%			LIFE	* *	5	$65,500	
Site Enclosure								
Fence/Gates								
Iron Picket	85%			2051	* *			
Masonry: Brick	15%			2041	* *			
Retaining Walls								
Masonry: Brick	100%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	70%			2036	* *			
Panel/Paver: Bluestone	30%			LIFE	* *	5		
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$200	
Molded Case Bkrs	90%			2047	* *	5	$2,100	

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DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H.S. - BK
Asset # : 681

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$27,400	
Generators								
Diesel	100%			2034	* *	1	$34,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 188 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,300	
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Roof								
Explanation : One 50 Gallon								
Main Tank	50%	Now	$1,500	2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 468 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$73,500	
LED	10%			2039	* *			
Egress Lighting								
Emergency, Service	60%			2036	* *	1		
Exit, Service	40%			2036	* *	1		
Exterior Lighting								
HID	10%			2031	$41,500	10		
LED	20%			2039	* *			
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$33,400	1	$6,700	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2036	* *	1-3	$22,600	

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DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H.S. - BK
Asset # : 681

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$88,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2051	* *			
Terminal Devices								
Air Handler	25%			2031	$418,700	1	$13,800	
Convector/Radiator	70%			2036	* *	1	$20,100	
Fan Coil Unit/Heat	5%			2031	$110,300	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Split Unit	10%			2036	* *			
Window/Wall Unit	30%			2026	$101,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,600	
Exhaust Fans								
Interior	60%			2031	$236,800	2	$1,600	
Roof	40%	Now	$3,500	2031	$69,100	2	$900	
Broken, Extent : Severe, Area Affected : 10%								
Location : Kitchen Exhaust Fan On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2041	* *	1		
Galvanized Steel	80%			2036	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$900	2031	$17,800	4	$1,900	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Float Assembly On 2 Of 4 Pumps								

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DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H.S. - BK
Asset # : 681

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2031	$39,700	1	$5,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : One Passenger Unit In Good Condition, One Stage Lift Is Broken								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$1,200	
Chemical System								
No Component	95%							
Generic	5%			2029	$4,100	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **TELECOMMUN. ARTS AND TECH HS -BK**		
Address	: **350 67TH STREET @FOURTH AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K485**
Program / Asset #	: **BOE0637.000 / 687**	**Yr Built/Renovated**	: **1915 / 2012**
Area Sq Ft	: **118,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,Ph**		
Block	: **5850** **Lot** : **30**	**BIN**	: **3144482**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$668,100	$1,256,400
Interior Architecture	$499,600	$1,762,600
Electrical	$532,900	$335,400
Mechanical	$528,900	$1,245,800
Site Pavements	$68,000	
Total	**$2,297,600**	**$4,600,200**
Importance Code A	$668,100	$1,282,100
Importance Code B	$1,629,400	$3,318,100
Total	**$2,297,600**	**$4,600,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$106,500		$41,300	
Interior Architecture	$131,600	$8,000	$14,200	$5,400
Electrical	$17,800	$18,500	$25,200	$17,400
Mechanical	$33,200	$27,400	$52,900	$30,800
Site Enclosure	$13,400			
Site Pavements	$33,800			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$351,200**	**$68,700**	**$148,400**	**$68,400**
Importance Code A	$118,200	$11,700	$53,200	$11,700
Importance Code B	$183,900	$57,000	$95,100	$56,700
Importance Code C	$49,000			
Total	**$351,200**	**$68,700**	**$148,400**	**$68,400**

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS AND TECH HS -BK
Asset # : 687

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	5%			LIFE	* *		5	$74,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Glass Block	1%			LIFE	* *		5	$1,200	
Masonry: Brick	84%			LIFE	* *		5	$160,300	
Recent Repair Evident, Extent : N/A, Area Affected : 10%									
Location : Throughout									
Staining/Discoloring, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Masonry: Granite	2%			LIFE	* *		5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Masonry: Limestone	3%			LIFE	* *		5	$4,300	
Metal Panel	5%			2041	* *		5-10	$65,600	
Windows									
Aluminum	84%	Now	$668,100	2039	* *		5	$23,400	
Air Infiltration, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Aluminum	10%			2039	* *		5	$5,600	
Metal Louvers	3%			2034	* *		10	$10,400	
Wood	3%	Now	$4,900	2039	* *		5	$8,300	
Deteriorated Finish, Extent : Light, Area Affected : 10%									
Location : Auditorium									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Auditorium									
Explanation : Stain Glass Windows									
Parapets									
Masonry: Brick	85%			LIFE	* *		5	$17,700	
Masonry: Limestone	10%			LIFE	* *		5	$2,600	
Metal: Cage/Fence	5%	2-4	$1,200	2036	* *		5	$3,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : Over Auditorium Roof									
Deteriorated Finish, Extent : Moderate, Area Affected : 25%									
Location : Over Auditorium Roof									

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS AND TECH HS -BK
Asset # : 687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	23%	Now	$28,900	2031	$578,700			
Broken Paver Blocks, Extent : Severe, Area Affected : 2%								
Location : 5th Floor Flat Roof								
Paver Block Ballast, Extent : Light, Area Affected : 10%								
Location : Fifth Floor Flat Roofs And Auditorium								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	22%			2031	$442,900	10	$18,700	
Metal Panel	15%			2036	* *	10	$23,400	
Slate	40%	Now	$47,300	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Other Areas								
Soffits								
Stucco Cement	100%	Now	$10,900	2036	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Porticos								
Interior								
Floors								
Asphalt Macadam	3%	0-2	$12,000	2036	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Mechanical Penthouse And Upper Stair Landings								
Cast in Place Concrete	2%	Now	$5,400	LIFE	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$13,500	2034	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Quarry Tile	3%			2036	* *	5	$7,200	
Terrazzo	2%	Now	$14,900	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor								
Vinyl Tile	40%			2031	$1,762,600	3	$23,900	
Vinyl Tile	27%	Now	$356,900	2041	* *	3	$16,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2046	* *	5	$15,000	
Wood	15%	Now	$142,700	2046	* *	5	$22,400	
Dry Rot/Decay, Extent : Moderate, Area Affected : 40%								
Location : Gymnasium And Other Areas								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS AND TECH HS -BK
Asset # : 687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$2,800	2034	* *	5	$1,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass: Single Pane	2%	Now	$2,100	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : New Wing								
Gypsum Board	65%			LIFE	* *	5	$33,300	
Marble Panels	2%			LIFE	* *			
Plaster	25%	Now	$10,400	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	5%			2036	* *	5	$6,200	
AcousTileSusp.Lay-In	43%	Now	$14,200	2036	* *	5	$21,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	5%	Now	$37,100	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Ash Hoist								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Ash Hoist								
Explanation : Corroded Steel Beams								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	20%	Now	$6,900	LIFE	* *	5	$24,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%	Now	$3,300	LIFE	* *	5	$2,500	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Plaster	15%	Now	$9,000	LIFE	* *	5	$9,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS AND TECH HS -BK
Asset # : 687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	80%	Now	$11,900	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rear Areaway								
Masonry: Brick	15%			2041	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : Basement Access								
Masonry: Fieldstone	5%	Now	$1,500	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Access To Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Access To Basement								
Explanation : Actual Stone Coping								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$68,000	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$33,800	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2041	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 3,000 Amperes								
Fused Disc Sw	50%			2031	$25,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2041	* *	5	$300	
Fused Disc Sw	50%			2031	$130,000	5	$300	
Raceway								
Conduit	90%			2041	* *	1		
Conduit	10%			2051	* *	1		

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TELECOMMUN. ARTS AND TECH HS -BK
Asset # : 687

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	$24,000	5	$300	
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Toggle Switch	1%			2030	$2,400	5		
Molded Case Bkrs	75%			2030	$179,600	5	$2,300	
Molded Case Bkrs	9%			2047	* *	5	$300	
Wiring								
Thermoplastic	60%			2041	* *	1		
Thermoplastic	40%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$400	
Variable Frequency Drive	50%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2051	* *	1	$36,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Automatic Transfer Switch Room								
Generators								
Diesel	100%			2046	* *	1	$45,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Outdoor Enclosure								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor Enclosure								
Explanation : 255 Kilowatt Rated Capacity								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Inside Generator Enclosure								
Fuel Storage								
Main Tank	100%			2071	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Generator								
Explanation : 200 Gallons Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	78%			2036	* *	10	$84,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2036	* *	10	$10,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Library, New Wing, Cafeteria								
Incandescent	10%			2026	$326,900	2	$300	
LED	2%			2036	* *			

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS AND TECH HS -BK
Asset # : 687

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2036	* *	1		
Emergency, Battery	10%			2031	$19,800	10	$2,800	
Exit, Service	40%			2031	$20,400	1		
Exit, Battery	10%			2036	* *	10	$800	
Exterior Lighting								
HID	70%			2036	* *	10	$300	
LED	30%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof And Building Perimeter								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$900	
Alarm								
Security System								
Generic	50%			2041	* *	1	$22,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System Recently Installed								
Generic	50%			2026	$110,800	1	$22,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2041	* *	1-3	$50,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 7,500 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$116,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Dual Fuel Steam Boilers.								

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS AND TECH HS -BK
Asset # : 687

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$165,900	2041	* *	4	$5,800	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Defective And Leaking Check Valves At Vacuum Pumps In Basement Boiler Room								
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2018 Installation Of Steam Traps At Various Locations Throughout								
Unbalanced System, Extent : Severe, Area Affected : 20%								
Location : Equalizing Line Does Not Exist In Basement Boiler Room								
Terminal Devices								
Air Handler	40%			2036	* *	1	$29,200	
Convector/Radiator	60%			2029	$578,900	1	$22,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	Now	$52,200	2036	* *	1	$14,800	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Defective Sensors And Accessories For Chiller No.2 At Exterior Of Building								
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Packaged Air Cooled Chillers Located At Exterior Of Building								
Window/Wall Unit	70%			2030	$312,900	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2019 Upgrade For All Classrooms And Offices								
Distribution								
CW & CHW Wtr Pipe/Pump	30%	Now	$2,900	2057	* *	4	$1,700	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : 1 Of 5 Chilled Water Pumps Is Leaking In Basement Mechanical Room								
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%	0-2	$206,100	2036	* *	1	$19,700	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Defective Building Management System								
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2036	* *	2	$24,700	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$19,700	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$19,700	
No Component	40%							

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS AND TECH HS -BK
Asset # : 687

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2036	* *	2	$1,400	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Belts, Pulleys, Bearings For Exhaust Fans At Various Locations								
Interior	20%			2026	$104,700	2	$700	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2041	* *	1		
Galvanized Steel	20%			2029	$301,300	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2031	$23,600	4	$2,500	
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Generic	100%			2031	$52,700	1	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	66%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Hydraulic	34%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Mezzanine, 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$61,700	
Sprinkler								
No Component	65%							
Generic	35%			2051	* *	1-2	$11,600	
Fire Pump								
Generic	100%			2040	* *	1	$22,000	

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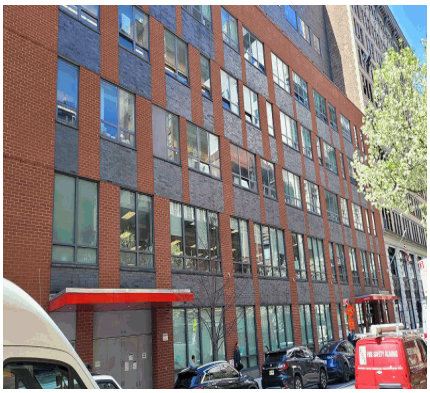
Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE CLINTON SCHOOL - M**		
Address	: **10 EAST 15TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M868**
Program / Asset #	: **BOE1178.000 / 14924**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **117,341**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,5,6,8,Ph**		
Block	: **842** **Lot** : **34**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$356,700	$239,400
Interior Architecture	$431,300	$282,800
Electrical		$75,300
Mechanical		$231,500
Total	**$788,000**	**$829,100**
Importance Code A	$356,700	$239,400
Importance Code B	$243,700	$476,000
Importance Code C	$187,600	$113,700
Total	**$788,000**	**$829,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,700		$4,000	
Interior Architecture	$157,300	$11,900	$32,600	$35,300
Electrical	$24,500	$19,100	$22,000	$21,600
Mechanical	$123,800	$54,400	$71,600	$43,600
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$369,100**	**$109,100**	**$154,000**	**$124,200**
Importance Code A	$47,200	$5,800	$9,800	$5,800
Importance Code B	$280,600	$103,300	$144,100	$91,800
Importance Code C	$41,300			$26,500
Total	**$369,100**	**$109,100**	**$154,000**	**$124,200**



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DEPARTMENT OF EDUCATION - 040
THE CLINTON SCHOOL - M
Asset # : 14924

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$111,600	
Glass Block	5%			LIFE	* *	5	$8,900	
Masonry: Brick Cavity	90%			LIFE	* *	5	$257,100	
Windows								
Aluminum	98%			2049	* *	5	$31,600	
Metal Louvers	2%			2046	* *	10	$4,000	
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$110,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper Roof								
Explanation : Covered By Waterproofing								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$75,700	
Masonry: Brick	40%			LIFE	* *	5-10	$72,900	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Security Bars	30%			2061	* *			
Roof								
Cast in Place Concrete	20%			LIFE	* *	10	$16,200	
IRMA/Protected Membrane	5%	2-4	$1,100	2038	* *			
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
IRMA/Protected Membrane	70%			2038	* *	10	$33,900	
Modified Bitumen	5%			2038	* *	10	$2,400	
Soffits								
Metal Panel	100%			2059	* *	5-10	$7,800	
Interior								
Floors								
Carpet	4%			2032	$124,300	3	$10,500	
Cast in Place Concrete	10%			LIFE	* *	5	$76,800	
Ceramic Tile	10%			2042	* *	5	$17,600	
Quarry Tile	5%			2046	* *	5	$13,200	
Sheet Vinyl/Rubber	5%			2041	* *	5	$13,200	
Vinyl Tile	65%			2038	* *	3	$42,800	
Wood	1%			2061	* *	5	$3,300	

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DEPARTMENT OF EDUCATION - 040
THE CLINTON SCHOOL - M
Asset # : 14924

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	14%			2042	* *	5	$53,000	
Concrete Masonry Unit	20%			LIFE	* *	5	$60,600	
Glass: Special Gauge	10%			LIFE	* *	1		
Gypsum Board	5%	Now	$5,300	LIFE	* *	5	$11,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 8th Floor Base Of Wall								
Gypsum Board	45%			LIFE	* *	5-10	$289,900	
Masonry: Brick	5%			LIFE	* *	10	$5,700	
Operable Wall	1%			2053	* *	5	$13,300	
Ceilings								
AcousTileSusp.Lay-In	15%			2050	* *	5	$23,900	
Exposed Struc: Steel	15%			LIFE	* *	10	$47,800	
Gypsum Board	50%			LIFE	* *	5-10	$273,600	
Metal Panel	10%			LIFE	* *	5	$39,800	
Metal Panel	5%			LIFE	* *	5	$19,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 8th Floor								
Explanation : Metal Grid Drop In Panels								
Wood	5%			LIFE	* *	5	$139,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Play Area Enclosure								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 3,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2046	* *	5	$400	
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$500	
Raceway								
Conduit	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
THE CLINTON SCHOOL - M
Asset # : 14924

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$300	
Molded Case Bkrs	90%			2049	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$600	
Variable Frequency Drive	30%			2046	* *			
Not Functioning, Extent : Moderate, Area Affected : 60%								
Location : 8th Floor								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$36,100	
Generators								
Diesel	100%			2042	* *	1	$45,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Room 802e								
Explanation : 300 Kilowatts, 375 Kilovolt Amperes Generator								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$4,300	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Abandoned In Place, Extent : Severe, Area Affected : 100%								
Location : Under Generator								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Generator								
Explanation : 275 Gallons Capacity								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	60%			2038	* *	10	$64,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 90%								
Location : Throughout The Building								
Fluorescent	10%			2038	* *	10	$10,800	
Compact Fluorescent Light, Extent : Light, Area Affected : 10%								
Location : Gymnasium, Auditorium								
LED	30%			2041	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Staircases								
Explanation : LED Light								

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DEPARTMENT OF EDUCATION - 040
THE CLINTON SCHOOL - M
Asset # : 14924

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Battery	50%			2038	* *	10	$4,000	
Exterior Lighting								
Fluorescent	14%			2038	* *	10	$1,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 90%								
Location : Building Perimeter And Roof								
Fluorescent	3%			2038	* *	10	$300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 5%								
Location : Main Entrances								
LED	3%			2038	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Front Of Building								
Explanation : LED Fixtures								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$500	
Alarm								
Security System								
Generic	50%			2038	* *	1	$21,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Cameras Security System								
Generic	50%			2038	* *	1	$21,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$72,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Strobes, Smoke Detection And Fan Shut Down Controls								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

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DEPARTMENT OF EDUCATION - 040
THE CLINTON SCHOOL - M
Asset # : 14924

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%			2038	* *	1	$11,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 9th Floor Roof								
Explanation : 2 Rooftop Package Units.								
Hot Water Boiler	3%	0-2	$1,900	2046	* *	1	$1,600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 8th Floor Equipment Room								
Explanation : Defective Gasoline Control Valves Of Units No.2 And 3.								
Hot Water Boiler	77%			2046	* *	1	$44,700	
Distribution								
Hot Wtr Piping/Pump	5%	0-2	$3,800	2055	* *	4	$300	
Controller Not Working, Extent : Moderate, Area Affected : 5%								
Location : Building Management System								
Hot Wtr Piping/Pump	75%			2055	* *	4	$4,300	
No Component	20%							
Terminal Devices								
Air Handler	40%			2038	* *	1	$29,000	
Convector/Radiator	40%			2046	* *	1	$15,200	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2038	* *	1	$43,500	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 8th Floor Equipment Room								
Ext Pkg Unit - Heating/Cooling	20%			2038	* *	2	$1,400	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 9th Floor Roof								
Terminal Devices								
Air Handler/Cool/Ht	80%			2038	* *	1	$58,100	
No Component	20%							
Heat Rejection								
Water Cooling Tower	80%			2034	* *	2	$94,500	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$103,600	
Exhaust Fans								
Interior	20%			2038	* *	2	$700	
Roof	80%			2041	* *	2	$2,900	
Plumbing								

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DEPARTMENT OF EDUCATION - 040
THE CLINTON SCHOOL - M
Asset # : 14924

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	90%			2032	$61,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 8th Floor Water Heater Room								
Explanation : 1 Tankless Unit With One 300 Gallons Tank.								
Gas Fired	10%	Now	$4,100	2031	$6,800	2		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Dirty Hot Water Comes Out Frequently.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$4,700	
Backflow Preventer								
Generic	100%			2041	* *	1	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 8th Floor								
Explanation : 3 Units, Basement To 8th Floor								
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$59,200	
Sprinkler								
Generic	100%			2059	* *	1-2	$32,900	
Fire Pump								
Generic	30%	Now	$3,400	2042	* *	1	$5,900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : 8th Floor Equipment Room								
Generic	70%			2042	* *	1	$15,300	
Chemical System								
Generic	100%			2031	$163,200	1-3	$148,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 40 Square Feet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE COMMUNITY HEALTH ACADEMY OF THE HEIGHTS - M**		
Address	: **504 WEST 158TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M814**
Program / Asset #	: **BOE1145.000 / 14891**	**Yr Built/Renovated**	:
Area Sq Ft	: **79,583**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,Ph**		
Block	: **2116** **Lot** : **31**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$138,900	$1,021,000
Interior Architecture	$191,900	$2,629,400
Electrical		$65,700
Mechanical	$364,200	$2,680,400
Total	**$695,000**	**$6,396,500**
Importance Code A	$223,400	$1,021,000
Importance Code B	$279,700	$5,241,000
Importance Code C	$191,900	$134,500
Total	**$695,000**	**$6,396,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$39,300		$7,400	
Interior Architecture	$181,900		$29,400	$12,200
Electrical	$16,600	$13,000	$14,900	$15,400
Mechanical	$88,300	$65,800	$46,500	$42,300
Site Pavements	$2,200			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$340,100**	**$90,600**	**$110,100**	**$81,800**
Importance Code A	$41,300	$3,900	$11,300	$3,900
Importance Code B	$238,200	$86,600	$78,300	$77,800
Importance Code C	$60,700		$20,500	
Total	**$340,100**	**$90,600**	**$110,100**	**$81,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE COMMUNITY HEALTH ACADEMY OF THE HEIGHTS - M

Asset # : 14891

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$277,800	
Metal Panel	10%			2043	* *	5-10	$106,100	
Windows								
Aluminum	100%			2041	* *	5	$14,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$15,200	
Masonry: Brick	90%			LIFE	* *	5-10	$33,000	
Roof								
IRMA/Protected Membrane	100%			2033	$805,000	10	$34,000	
Gravel/Stone Ballast, Extent : Light, Area Affected : 50%								
Location : At Lower Roof And Penthouse								
Paver Block Ballast, Extent : Light, Area Affected : 50%								
Location : Above 6th Floor								
Soffits								
Cement - Fiber Panel	50%			2033	$41,700	10	$6,700	
Metal Panel	50%			2043	* *	5-10	$14,700	
Interior								
Floors								
Carpet	5%	Now	$52,700	2029	$105,300	3	$8,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Library								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Library								
Ceramic Tile	15%			2036	* *	5	$17,900	
Traffic Topping	8%			2033	$454,700	5	$11,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Science Laboratories								
Explanation : Location Noted								
Vinyl Tile	62%			2033	$2,040,200	3	$36,900	
Wood	10%			2048	* *	5	$22,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$41,000	
Ceramic Tile	40%			2036	* *	5	$131,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$39,400	
Folding Partition	5%			2041	* *	5	$41,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Location Noted								
Gypsum Board	35%			LIFE	* *	5-10	$195,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE COMMUNITY HEALTH ACADEMY OF THE HEIGHTS - M

Asset # : 14891

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	73%			2038	* *	5	$78,300	
Exposed Struc: Steel	10%			LIFE	* *	10	$21,400	
Gypsum Board	15%			LIFE	* *	5-10	$55,300	
Metal Panel	2%			LIFE	* *	5	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Location Noted								
Site Enclosure								
Fence/Gates								
Aluminum Picket	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$2,200	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Entry Stair								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3,000 Ampere And One 1,600 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch And One 400 Ampere Disconnect For Fire Pump								
Transformers								
Dry Type	100%			2046	* *	5	$300	
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE COMMUNITY HEALTH ACADEMY OF THE HEIGHTS - M

Asset # : 14891

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$300	
Variable Frequency Drive	50%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$24,500	
Generators								
Diesel	100%			2042	* *	1	$30,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 250 Kilowatt Rating								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,900	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$58,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2038	* *	10	$7,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, Battery	40%			2038	* *	10	$2,100	
Exterior Lighting								
Fluorescent	1%			2038	* *	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
HID	7%			2038	* *	10		
LED	2%			2041	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE COMMUNITY HEALTH ACADEMY OF THE HEIGHTS - M

Asset # : 14891

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	50%			2038	* *	1	$14,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$14,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$49,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	50%			2038	* *	1	$19,700	
Hot Water Boiler	50%	Now	$84,600	2046	* *	1	$17,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Penthouse Boiler 1								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$3,500	2049	* *	4	$3,900	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Boiler Valves								
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$25,700	
Controls								
Digital	100%	Now	$228,600	2031	$2,285,700			
Software Issue Suspected, Extent : Severe, Area Affected : 100%								
Location : Custodian Office Computer								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE COMMUNITY HEALTH ACADEMY OF THE HEIGHTS - M

Asset # : 14891

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%	Now	$18,900	2038	* *			
Broken, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Unit								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Computer Room, Office And Elevator Machine Room								
Explanation : 3 Units								
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$49,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,300	
Exhaust Fans								
Interior	90%			2038	* *	2	$2,200	
Roof	10%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$51,100	2053	* *	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Booster Pumps In Basement								
Water Heater With Tanks								
Gas Fired	100%			2031	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : Approximately 300 Gallons. Quantity 4.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$2,500	4	$2,500	
Backflow Preventer								
Generic	100%			2038	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - 6th Floor								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE COMMUNITY HEALTH ACADEMY OF THE HEIGHTS - M

Asset # : 14891

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$40,100	
Sprinkler								
Generic	100%			2053	* *	1-2	$22,300	
Fire Pump								
Generic	100%	Now	$3,800	2042	* *	1	$13,400	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2031	$326,400	1-3	$297,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 80 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE DOMINIC CASTORE EDUCATIONAL COMPLEX - BX**		
Address	: **800 LYDIG AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X292**
Program / Asset #	: **BOE1171.000 / 14917**	**Yr Built/Renovated**	:
Area Sq Ft	: **59,093**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,Ph**		
Block	: **4293** **Lot** : **31**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$148,900	$148,900
Interior Architecture	$154,600	$84,300
Electrical		$990,200
Mechanical	$229,300	$1,353,200
Total	**$532,800**	**$2,576,600**
Importance Code A	$148,900	$240,800
Importance Code B	$229,300	$2,251,500
Importance Code C	$154,600	$84,300
Total	**$532,800**	**$2,576,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$139,900		$4,300	
Interior Architecture	$82,400		$47,700	$31,500
Electrical	$12,400	$9,600	$11,000	$12,100
Mechanical	$43,700	$22,300	$33,500	$20,700
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$288,200**	**$41,800**	**$106,400**	**$74,100**
Importance Code A	$142,800	$2,900	$7,200	$2,900
Importance Code B	$106,700	$38,800	$99,200	$41,900
Importance Code C	$38,600			$29,300
Total	**$288,200**	**$41,800**	**$106,400**	**$74,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE DOMINIC CASTORE EDUCATIONAL COMPLEX - BX
Asset # : 14917

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$73,400	
Masonry: Brick Cavity	75%			LIFE	* *	5	$141,000	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$17,600	
Metal Panel	10%			2053	* *	5-10	$64,600	
Granite Panels	5%			LIFE	* *	5	$7,100	
Windows								
Aluminum	100%			2049	* *	5	$14,600	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$156,800	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$53,900	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$51,900	
Metal: Cage/Fence	5%			2046	* *	5-10	$7,300	
Weathering Steel	5%			LIFE	* *	1		
Roof								
IRMA/Protected Membrane	100%			2038	* *	10	$41,200	
Soffits								
Metal Panel	100%			2053	* *	5-10	$8,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,300	
Ceramic Tile	5%			2042	* *	5	$4,400	
Quarry Tile	5%			2046	* *	5	$6,600	
Terrazzo	10%			LIFE	* *	5	$13,800	
Vinyl Tile	70%			2038	* *	3	$23,200	
Wood	5%			2061	* *	5	$8,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$29,300	
Ceramic Tile	25%			2042	* *	5	$58,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$18,700	
Gypsum Board	60%			LIFE	* *	5-10	$238,900	
Ceilings								
AcousTileSusp.Lay-In	80%			2046	* *	5	$65,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$8,100	
Gypsum Board	5%			LIFE	* *	5-10	$14,000	
Metal Panel	10%			LIFE	* *	5	$20,300	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2053	* *			
Iron Picket	15%			2068	* *			
Masonry: Brick	60%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE DOMINIC CASTORE EDUCATIONAL COMPLEX - BX
Asset # : 14917

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Activity Yard								
Pavers/Stone	65%			2042	* *			
Rubber Matting	35%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 2,000, One 1,600 And One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$1,600	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	50%			2046	* *	5	$200	
Variable Frequency Drive	50%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$18,200	
Generators								
Diesel	100%			2042	* *	1	$22,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 440 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE DOMINIC CASTORE EDUCATIONAL COMPLEX - BX
Asset # : 14917

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 60 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	80%			2033	$704,700	10	$43,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	20%			2033	$176,200	10	$10,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2033	$18,200	1		
Exit, Service	50%			2033	$12,700	1		
Exterior Lighting								
HID	20%			2033	$55,100	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Timer								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$400	
Alarm								
Security System								
Generic	50%			2038	* *	1	$11,000	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Interior And Exterior								
Explanation : Cameras Security System								
Generic	50%			2038	* *	1	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Maual Door Security								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$36,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
THE DOMINIC CASTORE EDUCATIONAL COMPLEX - BX
Asset # : 14917

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	50%			2033	$91,900	1	$14,600	
Hot Water Boiler	50%			2046	* *	1	$14,600	
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$4,400	
Terminal Devices								
Convector/Radiator	98%			2038	* *	1	$18,700	
Fan Coil Unit/Heat	2%			2038	* *	1	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2036	* *	1	$57,600	
Split Unit	10%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2043	* *	4	$1,500	
Ductwork/Diffusers	50%			LIFE	* *	2	$48,100	
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$229,300	2033	$1,146,600	1	$32,900	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Building Controls System Is Not Operational								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,200	
Exhaust Fans								
Roof	100%			2033	$114,700	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	$30,900	4	$3,500	
Backflow Preventer								
Generic	100%			2033	$26,400	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE DOMINIC CASTORE EDUCATIONAL COMPLEX - BX
Asset # : 14917

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Passenger, 1 Handicapped								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$29,800	
Sprinkler								
Generic	100%			2053	* *	1-2	$16,500	
Fire Pump								
Generic	100%			2042	* *	1	$11,000	
Chemical System								
No Component	98%							
Generic	2%			2028	$3,900	1-3	$3,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 48 Square Foot Fire Suppression System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE GERALDINE FERRARO CAMPUS - Q**		
Address	: **55-20 METROPOLITAN AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q290**
Program / Asset #	: **BOE1154.000 / 14900**	**Yr Built/Renovated**	: **2014 /**
Area Sq Ft	: **95,250**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4,5,Ph**		
Block	: **3365** **Lot** : **27**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$465,800	$133,500
Interior Architecture	$392,800	$488,500
Electrical		$61,200
Mechanical	$345,900	$1,775,800
Total	**$1,204,600**	**$2,459,000**
Importance Code A	$465,800	$133,500
Importance Code B	$475,400	$2,150,500
Importance Code C	$263,400	$175,000
Total	**$1,204,600**	**$2,459,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$43,100			
Interior Architecture	$147,400		$65,800	
Electrical	$86,500	$15,500	$17,900	$18,000
Mechanical	$92,000	$79,800	$78,800	$46,300
Site Pavements	$2,800			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$383,700**	**$107,200**	**$174,400**	**$76,100**
Importance Code A	$45,500	$2,400	$2,400	$2,400
Importance Code B	$267,400	$104,800	$172,000	$73,700
Importance Code C	$70,800			
Total	**$383,700**	**$107,200**	**$174,400**	**$76,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE GERALDINE FERRARO CAMPUS - Q
Asset # : 14900

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$70,300	
Masonry: Brick Cavity	95%			LIFE	* *	5	$267,100	
Windows								
Aluminum	100%	Now	$193,700	2055	* *	5	$20,300	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : First Floor								
Explanation : Rusted Locks On Security Gates								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$78,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$16,000	
Roof								
IRMA/Protected Membrane	100%	4+	$71,800	2038	* *			
Broken Paver Blocks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Explanation : Drain Cap Broken								
Soffits								
Metal Panel	40%			2053	* *	5-10		
Stucco Cement	60%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$62,400	
Ceramic Tile	5%	Now	$8,000	2042	* *	5	$3,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Entry Of Gymnasium								
Poured Epoxy/Resin	3%			2031	$239,600			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Aeroponics Laboratory								
Explanation : Location Noted								
Quarry Tile	5%			2046	* *	5	$10,700	
Terrazzo	10%			LIFE	* *	5	$22,300	
Vinyl Tile	57%			2038	* *	3	$30,500	
Wood	10%			2061	* *	5	$26,700	
Interior Walls								
Ceramic Tile	35%			2042	* *	5	$137,600	
Concrete Masonry Unit	15%			LIFE	* *	5	$47,200	
Glass: Special Gauge	2%			LIFE	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Vestibule Area								
Explanation : This Is Actually Storefront Glazing With Insulated Glazing Units								
Gypsum Board	45%			LIFE	* *	5-10	$300,800	
Wood	3%			LIFE	* *	5	$94,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE GERALDINE FERRARO CAMPUS - Q
Asset # : 14900

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	50%			2046	* *	5	$74,000	
Exposed Struc: Steel	7%			LIFE	* *	10	$20,700	
Gypsum Board	40%			LIFE	* *	5-10	$203,400	
Metal Panel	3%			LIFE	* *	5	$11,100	
Site Enclosure								
Fence/Gates								
Chain Link	15%			2053	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : South Facade								
Explanation : Sound Absorption Blankets Detached								
Iron Picket	58%			2068	* *			
Masonry: Brick	27%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Retaining Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	45%			2036	* *			
Cast in Place Concrete	55%			2046	* *			
Activity Yard								
Asphalt	40%	4+	$1,300	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	20%			2046	* *			
Rubber Matting	40%	Now	$1,500	2038	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Rear Play Yard								
Explanation : Matting Covers Area Drains								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,600 Ampere And 3,000 Ampere Main Service Switches								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE GERALDINE FERRARO CAMPUS - Q
Asset # : 14900

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2046	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Elevator Machine Room								
Explanation : Two 40 Kilovolt Ampere Transformers								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5	$400	
Molded Case Bkrs	80%			2049	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	40%			2046	* *	5	$300	
Variable Frequency Drive	60%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$29,300	
Generators								
Diesel	100%			2042	* *	1	$36,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Enclosure								
Explanation : 359 Kilowatt Rated Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Enclosure								
Explanation : 275 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE GERALDINE FERRARO CAMPUS - Q
Asset # : 14900

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	70%			2038	* *	10	$61,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	30%	Now	$42,600	2038	* *			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
Fluorescent	1%			2038	* *	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Main Entrance Canopy								
HID	9%	Now	$24,000	2038	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof And Building Perimeter								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$600	
Alarm								
Security System								
Generic	50%	Now	$1,800	2038	* *	1	$16,000	
Devices Damaged, Extent : Light, Area Affected : 100%								
Location : Building Exterior And Security Desk								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$17,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$58,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE GERALDINE FERRARO CAMPUS - Q
Asset # : 14900

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	50%			2046	* *	1	$23,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
No Component	50%							
Distribution								
Hot Wtr Piping/Pump	100%	Now	$10,400	2049	* *	4	$4,700	
Broken, Extent : Severe, Area Affected : 10%								
Location : Penthouse Boiler Room 1 Of 3 Pumps Not Working								
Terminal Devices								
Fan Coil Unit/Heat	100%			2038	* *	1	$30,800	
Controls								
Digital	100%	Now	$136,800	2031	$1,367,800			
Software Issue Suspected, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	40%			2042	* *	1	$41,200	
Ext Pkg Unit - Heating/Cooling	45%	Now	$14,400	2038	* *	2	$2,100	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Fan Blades In Roof Top Unit 3								
Split Unit	15%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2053	* *	4	$3,500	
Ductwork/Diffusers	50%			LIFE	* *	2	$77,500	
Terminal Devices								
Fan Coil - 2 Pipe	50%			2038	* *	1	$15,400	
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	50%			2038	* *	2	$33,200	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$209,200	LIFE	* *	2-5	$53,100	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Laboratories, Basement And Ceramics Room								
Explanation : Ductwork Not Connected To Laboratory Rooms, Basement Bathrooms And Kiln								
Exhaust Fans								
Roof	100%			2038	* *	2	$2,900	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE GERALDINE FERRARO CAMPUS - Q
Asset # : 14900

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$3,800	
Backflow Preventer								
Generic	100%			2038	* *	1	$5,800	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Explanation : 1 Unit								
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Explanation : One 350 Gallon Unit								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$48,000	
Sprinkler								
Generic	100%			2053	* *	1-2	$26,700	
Fire Pump								
Generic	100%			2042	* *	1	$17,800	
Chemical System								
Generic	100%			2031	$408,000	1-3	$372,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 100 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE HERITAGE H.S. - M FLOORS 3,4,5**				
Address	: **1680 LEXINGTON AVENUE @ E.105 ST.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **LEASE-M107**	
Program / Asset #	: **BOE1074.000 / 14420**		**Yr Built/Renovated**	: **1879 /**	
Area Sq Ft	: **18,049**		**Project Type**	: **EDUCATION**	
Date of Survey	: **11-Dec-2019**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Floors 1,3,4,5**				
Block	: **1633**	**Lot** : **13**	**BIN**	: **1051991**	

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		$347,900
Mechanical		$54,700
Total		**$402,600**
Importance Code B		$402,600
Total		**$402,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Interior Architecture		$1,300	$26,600	
Electrical	$2,200	$1,700	$1,800	$2,000
Mechanical	$1,000	$1,200	$4,300	$1,200
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$8,200**	**$9,100**	**$37,700**	**$8,200**
Importance Code A				
Importance Code B	$8,200	$8,500	$37,600	$8,200
Importance Code C		$600		
Total	**$8,200**	**$9,100**	**$37,700**	**$8,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE HERITAGE H.S. - M FLOORS 3,4,5
Asset # : 14420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2040	* *	5	$1,400	
Glass Block	2%			2046	* *	1		
Quarry Tile	15%			2036	* *	5	$6,100	
Sheet Vinyl/Rubber	5%			2036	* *	5	$2,000	
Wood	73%			2046	* *	5	$37,000	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$1,200	
Gypsum Board	20%			LIFE	* *	5	$3,000	
Plaster	75%			LIFE	* *	5	$5,600	
Ceilings								
AcousTileSusp.Lay-In	30%			2036	* *	5	$8,100	
Embossed Metal	70%			LIFE	* *	5	$8,500	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement - Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$100	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Molded Case Bkrs	90%			2039	* *	5	$400	
Molded Case Bkrs	10%			2047	* *	5		
Wiring								
Thermoplastic	90%			2041	* *	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE HERITAGE H.S. - M FLOORS 3,4,5
Asset # : 14420

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2031	$255,600	10	$15,700	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2031	$2,700	10	$200	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Hallways								
Fluorescent	1%			2031	$2,700	10	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lighting Fixtures								
Fluorescent	1%			2031	$2,700	10	$200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
LED	2%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : LED Emergency Lights								
Exit, LED	50%			2066	* *	1		
Exterior Lighting								
HID	100%			2031	$84,200	10	$100	
Alarm								
Security System								
Generic	100%			2031	$33,900	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Outside								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$11,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns, Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2051	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE HERITAGE H.S. - M FLOORS 3,4,5
Asset # : 14420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%			2044	* *	1	$5,800	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2029	$54,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 4th Floor							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
No Component	30%							
Generic	70%			2041	* *	1-5	$6,400	
Sprinkler								
No Component	40%							
Generic	60%			2041	* *	1-2	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **THE KATHLEEN GRIMM SCHOOL FOR LEADERSHIP AND SUSTAINABILITY-SI**
Address : **644 BLOOMINGDALE ROAD**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE1185.000 / 14931**
Area Sq Ft : **68,080**
Date of Survey : **19-May-2022**
Areas Surveyed : **Roof, Floors 1,2**
Block : **7092** **Lot** : **39**

Agency's Number : **R062**
Yr Built/Renovated : **2015 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$351,700	$525,400
Interior Architecture	$255,500	$97,000
Mechanical		$254,800
Total	**$607,200**	**$877,100**
Importance Code A	$351,700	$525,400
Importance Code B	$77,700	$254,800
Importance Code C	$177,800	$97,000
Total	**$607,200**	**$877,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$54,000	$56,800	$2,100	
Interior Architecture	$73,200	$38,100	$49,700	$9,600
Electrical	$14,100	$12,100	$12,400	$11,100
Mechanical	$85,600	$18,400	$34,800	$21,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$234,900**	**$133,200**	**$106,800**	**$50,500**
Importance Code A	$57,100	$59,800	$5,100	$2,900
Importance Code B	$174,400	$73,500	$54,600	$47,500
Importance Code C	$3,400		$47,100	
Total	**$234,900**	**$133,200**	**$106,800**	**$50,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE KATHLEEN GRIMM SCHOOL FOR LEADERSHIP AND SUSTAINABILITY-SI

Asset # : 14931

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	35%			2059	* *	5-10	$274,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : South Facade								
Explanation : Solar Panels Installed On South Facade								
Pre-Cast Concrete	55%			LIFE	* *	5	$407,100	
Window Wall	10%			2059	* *	5	$42,700	
Windows								
Aluminum	98%			2055	* *	5	$16,600	
Metal Louvers	2%			2046	* *	10	$2,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$15,000	
Metal Rail	60%			2050	* *	5-10	$114,700	
Metal: Cage/Fence	10%			2050	* *	5-10	$8,200	
Pre-Cast Concrete	25%			LIFE	* *	5	$33,300	
Roof								
Cast in Place Concrete	25%			LIFE	* *	10	$73,400	
IRMA/Protected Membrane	30%			2041	* *	10	$52,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Green Roof								
Plaza Roof: Stone Panels	40%			2059	* *			
Skylight, Metal/Glass	5%			2059	* *	10	$29,400	
Soffits								
Exposed Struc: Steel	90%			LIFE	* *	5	$9,500	
Metal Panel	10%			2059	* *	5-10	$1,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,300	
Ceramic Tile	5%			2046	* *	5	$5,100	
Mosaic Tile	5%			2050	* *	5	$12,700	
Quarry Tile	5%			2050	* *	5	$7,600	
Vinyl Tile	75%	0-2	$42,200	2041	* *	3	$28,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Throughout 1st Floor								
Wood	5%			2068	* *	5	$9,600	
Interior Walls								
Ceramic Tile	35%			2046	* *	5	$94,300	
Fiberglass Panel	5%			LIFE	* *	10	$3,400	
Gypsum Board	60%			LIFE	* *	5-10	$274,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE KATHLEEN GRIMM SCHOOL FOR LEADERSHIP AND SUSTAINABILITY-SI

Asset # : 14931

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%			2050	* *	5	$55,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,100	
Gypsum Board	35%			LIFE	* *	5-10	$122,000	
Metal Panel	5%			LIFE	* *	5	$12,700	
Site Enclosure								
Fence/Gates								
Chain Link	90%			2059	* *			
Iron Picket	10%			2077	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2077	* *			
Retaining Walls								
Cast in Place Concrete	100%			2077	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Pavers/Stone	55%			2046	* *			
Steel Grating	45%			2059	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Steel Grate Walkways On Roof								
Parking/Driveway								
Pavers/Stone	100%			2046	* *			
Activity Yard								
Rubber Matting	40%			2041	* *			
Traffic Topping	60%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	10%			2059	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Electrical Room 1st Floor								
Explanation : Two 2,000 Ampere Main Disconnect Service Switches								
Fused Disc Sw	70%			2059	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room. 1st Floor								
Explanation : Two 5,000, One 2,500 And One 2,000 Amperes Main Disconnect Switches								
Photovoltaic Panel(s)	20%			2048	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof. Main Building And Garage								
Explanation : 2,200 Solar Panels								

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DEPARTMENT OF EDUCATION - 040

THE KATHLEEN GRIMM SCHOOL FOR LEADERSHIP AND SUSTAINABILITY-SI

Asset # : 14931

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2059	* *	5	$100	
Molded Case Bkrs	70%			2059	* *	5	$1,300	
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Molded Case Bkrs	100%			2055	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	30%			2050	* *	5	$100	
Variable Frequency Drive	70%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$21,000	
Generators								
Diesel	100%			2046	* *	1	$26,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 250 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$2,500	
Fuel Storage								
Day Tank	50%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Roof								
Explanation : One 275 Gallons								
Main Tank	50%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	10%			2041	* *	10	$6,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Storage Room, Gymnasium, Auditorium, Mechanical And Electrical Room								
LED	90%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

THE KATHLEEN GRIMM SCHOOL FOR LEADERSHIP AND SUSTAINABILITY-SI

Asset # : 14931

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2068	* *	5	$1,800	
Alarm								
Security System								
Generic	100%			2041	* *	1	$25,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Camera Security System. Intrusion System And Manual Door Lock Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$42,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	70%			2063	* *	1		
Solar Panels	30%			2063	* *	2	$1,300	
Conversion Equipment								
Heat Pump Air Sourced	30%			2038	* *	2	$6,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : Heat Pump Geothermal Heat Source								
Hot Water Boiler	50%			2053	* *	1	$16,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : 2 Units								
Radiant Heater	20%			2043	* *	2	$6,300	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : First Floor								
Explanation : Solar Electric To Heat Pump								
Distribution								
Hot Wtr Piping/Pump	100%			2055	* *	4	$3,400	
Terminal Devices								
Air Handler	70%			2041	* *	1	$29,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Fan Coil Unit/Heat	10%			2041	* *	1	$2,200	
Unit Heater - Hot Water	20%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Explanation : Under Floor Air Distribution								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

THE KATHLEEN GRIMM SCHOOL FOR LEADERSHIP AND SUSTAINABILITY-SI

Asset # : 14931

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	60%			2055	* *	1		
Solar Panels	40%			2059	* *			
Conversion Equipment								
Heat Pump Water Sourced	25%			2037	* *			
Ext Pkg Unit - Heating/Cooling	70%			2041	* *	2	$2,900	
Split Unit	5%			2041	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	25%			2059	* *	4	$800	
Ductwork/Diffusers	70%			LIFE	* *	2	$77,500	
No Component	5%							
Terminal Devices								
Air Handler/Cool/Ht	70%			2041	* *	1	$29,500	
Fan Coil - 4 Pipe	25%	Now	$32,400	2041	* *	1	$5,000	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Active Chilled Beam Producing Condensation.								
No Component	5%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2041	* *	2	$9,500	
Geothermal	80%			2068	* *	1		
Dehumidifier								
Generic	100%			2037	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,100	
Exhaust Fans								
Interior	80%			2041	* *	2	$1,700	
Roof	20%			2041	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2063	* *	1		
Water Heater With Tanks								
Gas Fired	20%			2032	$3,400	2		
Solar	80%			2032	$254,800	1		
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Throughout								
Explanation : Instantaneous Point Of Uses.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE KATHLEEN GRIMM SCHOOL FOR LEADERSHIP AND SUSTAINABILITY-SI

Asset # : 14931

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2028	$2,100	4	$2,200	
Backflow Preventer								
Generic	100%			2041	* *	1	$4,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor To The Second Floor								
Explanation : 2 Units Hydraulic Elevators And Chair Lift								
Fire Suppression								
Standpipe								
Generic	100%			2063	* *	1-5	$35,600	
Sprinkler								
Generic	100%			2059	* *	1-2	$19,100	
Fire Pump								
Generic	100%			2046	* *	1	$12,700	
Chemical System								
No Component	95%							
Generic	5%			2033	$2,000	1-3	$2,000	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Kitchen								
Explanation : 10 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**THE LT. CURTIS MEYRAN AND JOHN BELLEW EDUCAT. COMPLEX - BX**			
Address	:	**1640 BRONXDALE AVE. @ VAN NEST AVE**			
Borough	:	**BRONX**	**Agency's Number**	:	**X498**
Program / Asset #	:	**BOE1121.000 / 14577**	**Yr Built/Renovated**	:	**2010 /**
Area Sq Ft	:	**123,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**14-Jun-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1,2,3,4,5**			
Block	:	**4091** **Lot** : **1**	**BIN**	:	**2116414**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$61,200	$208,800
Interior Architecture	$57,700	$224,100
Electrical	$112,800	
Total	**$231,800**	**$433,000**
Importance Code A	$61,200	$208,800
Importance Code B	$170,500	$86,800
Importance Code C		$137,300
Total	**$231,800**	**$433,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$32,800
Interior Architecture	$53,300	$7,900	$28,200	$2,800
Electrical	$21,500	$17,600	$20,700	$16,800
Mechanical	$7,700	$7,700	$17,200	$7,700
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$92,400**	**$43,100**	**$76,000**	**$69,900**
Importance Code A		$300		$32,800
Importance Code B	$56,600	$42,900	$66,500	$37,100
Importance Code C	$35,900		$9,500	
Total	**$92,400**	**$43,100**	**$76,000**	**$69,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE LT. CURTIS MEYRAN AND JOHN BELLEW EDUCAT. COMPLEX - BX

Asset # : 14577

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$16,800	
Glass Block	2%			LIFE	* *	5	$1,400	
Masonry: Brick	90%			LIFE	* *	5	$100,600	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$10,500	
Windows								
Aluminum	100%			2052	* *	5	$53,700	
Parapets								
Cast in Place Concrete	80%			LIFE	* *	5	$108,200	
Metal: Cage/Fence	10%			2047	* *	5-10	$10,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,200	
Roof								
Cast in Place Concrete	5%			LIFE	* *			
IRMA/Protected Membrane	95%	Now	$61,200	2038	* *			
Water Penetration, Extent : Severe, Area Affected : 5% *Location : Classrooms 502, 504*								
Soffits								
Stucco Cement	100%			2043	* *	5		
Interior								
Floors								
Carpet	1%			2031	$33,000	3	$2,800	
Cast in Place Concrete	3%			LIFE	* *	5	$12,300	
Ceramic Tile	5%			2043	* *	5	$9,300	
Quarry Tile	2%			2047	* *	5	$5,600	
Terrazzo	5%	2-4	$17,500	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5% *Location : Throughout*								
Vinyl Tile	80%			2038	* *	3	$56,000	
Wood	4%			2065	* *	5	$14,000	
Interior Walls								
Ceramic Tile	25%			2043	* *	5	$95,400	
Concrete Masonry Unit	5%	2-4	$35,900	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 2% *Location : Throughout*								
Folding Partition	2%			2046	* *	5	$19,100	
Glass: Special Gauge	3%			LIFE	* *	1		
Gypsum Board	60%			LIFE	* *	5	$137,300	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	93%	Now	$57,700	2047	* *	5	$86,800	
Water Penetration, Extent : Moderate, Area Affected : 5% *Location : Classrooms 502, 504*								
Embossed Metal	2%			LIFE	* *	5	$1,700	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

THE LT. CURTIS MEYRAN AND JOHN BELLEW EDUCAT. COMPLEX - BX

Asset # : 14577

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	5%			2050	* *			
Iron Picket	95%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	100%			2039	* *			
Activity Yard								
Rubber Matting	100%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	90%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five Vertical Sections								
Molded Case Bkrs	10%			2050	* *	5	$300	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$2,900	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$37,800	
Generators								
Diesel	100%			2039	* *	1	$47,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 400 Kilowatts								

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DEPARTMENT OF EDUCATION - 040

THE LT. CURTIS MEYRAN AND JOHN BELLEW EDUCAT. COMPLEX - BX

Asset # : 14577

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$4,600	
Fuel Storage								
Day Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100% Location : Side Yard Explanation : No Available Nameplate Rating Capacity								
Underground Storage	50%			LIFE	* *	5		
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$108,300	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps								
Fluorescent	4%			2035	* *	10	$4,500	
Other Observation, Extent : Light, Area Affected : 100% Location : Auditorium And Lobby Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10	$100	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$13,800	
Other Observation, Extent : Light, Area Affected : 100% Location : Hallways And Cafeteria Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2035	* *	1-3	$75,800	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

THE LT. CURTIS MEYRAN AND JOHN BELLEW EDUCAT. COMPLEX - BX

Asset # : 14577

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2035	* *	2	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 10 Rooftop Units. Cooling With Refrigerant 410 C, Heating With Built In Gas Furnace								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,600	
Exhaust Fans								
Roof	100%			2035	* *	2	$3,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$7,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First And Fifth Floor								
Explanation : 2 Units. Charter School Side Unit Has Not In Service For 2 Years.								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$34,500	
Fire Pump								
Generic	100%			2039	* *	1	$23,000	
Chemical System								
No Component	99%							
Generic	1%			2028	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**THE METROPOLITAN HIGH SCHOOL -BX**			
Address	:	**1180 JAMES A. POLITE AVE. BTWN: E.167 ST. - HOME ST.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X099**
Program / Asset #	:	**HRA0048.000 / 1946**	**Yr Built/Renovated**	:	**1941 / 2015**
Area Sq Ft	:	**84,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**25-Apr-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3**			
Block	:	**2692** **Lot** : **14**	**BIN**	:	**2005276**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$261,400	$321,700
Electrical	$205,700	$254,100
Mechanical	$70,400	$1,562,700
Total	**$537,500**	**$2,138,400**
Importance Code A	$261,400	$321,700
Importance Code B	$276,100	$1,816,800
Total	**$537,500**	**$2,138,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$75,700	$74,600		$5,400
Interior Architecture	$26,900	$31,300	$207,900	$13,900
Electrical	$12,400	$16,000	$9,600	$8,200
Mechanical	$111,300	$35,800	$22,200	$12,300
Site Pavements	$11,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$242,000**	**$161,600**	**$243,700**	**$43,700**
Importance Code A	$83,100	$82,100	$7,400	$12,800
Importance Code B	$153,800	$79,500	$236,300	$31,000
Importance Code C	$5,200			
Total	**$242,000**	**$161,600**	**$243,700**	**$43,700**

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DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$40,900	LIFE	* *	5	$34,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Building Base								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement Fan Room And Boiler Room								
Masonry: Brick	85%			LIFE	* *	5	$116,300	
Masonry: Limestone	5%			LIFE	* *	5	$5,100	
Metal Panel	5%			2040	* *	5-10	$47,000	
Windows								
Aluminum	95%	Now	$261,400	2046	* *	5	$13,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Wood	5%	Now	$34,800	2055	* *	5	$7,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Stairs, Basement								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%								
Location : Stairs, Basement								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Stairs, Basement								
Parapets								
Metal Rail	90%			2043	* *	5-10	$205,400	
Metal: Cage/Fence	10%			2035	* *	5-10	$9,800	
Roof								
Built-Up (BUR)	75%			2035	* *	10	$44,200	
IRMA/Protected Membrane	20%			2035	* *	10	$11,800	
Metal Panel	5%			2047	* *	10	$5,400	
Interior								
Floors								
Carpet	10%			2026	$196,800	3	$16,700	
Cast in Place Concrete	10%	4+	$18,900	LIFE	* *	5	$24,300	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : Ground Water								
Ceramic Tile	5%			2039	* *	5	$5,600	
Quarry Tile	2%			2043	* *	5	$3,300	
Terrazzo	3%			LIFE	* *	5	$2,600	
Vinyl Tile	25%			2038	* *	3	$10,400	
Vinyl Tile	15%			2035	* *	3	$6,300	
Wood	30%			2045	* *	5	$62,600	

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DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	$10,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,100	
Glass: Single Pane	3%			LIFE	* *	5	$4,600	
Granite Panels	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$34,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%			2047	* *	5	$27,800	
Exposed Struc: Concrete	15%			LIFE	* *	5	$2,600	
Plaster	60%			LIFE	* *	5	$41,700	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2050	* *			
Iron Picket	60%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$11,800	2043	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : James A. Polite Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	70%			2030	$141,200	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	3%			2046	* *	5	$100	
Fused Disc Sw	7%			2029	$16,800	5	$100	
Molded Case Bkrs	80%			2046	* *	5	$1,800	
Molded Case Bkrs	10%			2029	$24,000	5	$200	

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DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	40%	2-4	$116,700	2055	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2050	* *	1		
Thermoplastic	10%			2030	$29,200	1		
Motor Controllers								
Locally Mounted	50%			2028	$59,700	5	$300	
Locally Mounted	10%			2043	* *	5	$100	
Variable Frequency Drive	40%			2047	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$25,800	
Generators								
Diesel	100%			2039	* *	1	$32,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 255 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$3,100	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	94%			2035	* *	10	$64,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2035	* *	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Fluorescent	2%			2025	$22,200	10	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
HID	2%			2035	* *	10		

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DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	45%			2035	* *	1		
Emergency, Battery	5%			2025	$6,200	10	$900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$9,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$15,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2050	* *	5	$23,000	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Yard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Yard								
Explanation : Two 5,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$73,600	
Repairs In Progress, Extent : N/A, Area Affected : 50%								
Location : No. 1 Boiler, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers (Gas Supply System Never Been Completed).5 Furnaces On Roof Never Been Used.								

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DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%	0-2	$35,700	2060	* *			
Corroded, Extent : Moderate, Area Affected : 80%								
Location : And Leaking At Vacuum Pump And Piping, Boiler Room								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump, Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump, Boiler Room								
Steam Piping/Pump	90%			2030	$535,800			
Terminal Devices								
Air Handler	25%			2030	$349,700	1	$11,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Temperature Control System, Basement Fan Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Repairing Is In Progress								
Convector/Radiator	75%			2035	* *	1	$18,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2025	$70,400	1		
Window/Wall Unit	25%	0-2	$42,200	2030	$70,400	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,500	
Exhaust Fans								
Interior	75%			2030	$247,300	2	$1,700	
Roof	25%			2030	$36,100	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2030	$359,500	4	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Repairing Is In Progress								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2024	$2,600	4	$2,700	
Backflow Preventer								
Generic	100%			2030	$33,200	1	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$37,500	
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$1,000	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE NORWOOD EAST CAMPUS - BX**		
Address	: **3177 WEBSTER AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X177**
Program / Asset #	: **BOE1169.000 / 14915**	**Yr Built/Renovated**	:
Area Sq Ft	: **93,956**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5**		
Block	: **3353** **Lot** : **40**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$335,400	$245,500
Interior Architecture	$241,200	$157,000
Electrical		$1,330,900
Mechanical	$76,500	$153,100
Total	**$653,100**	**$1,886,500**
Importance Code A	$335,400	$245,500
Importance Code B	$76,500	$1,484,000
Importance Code C	$241,200	$157,000
Total	**$653,100**	**$1,886,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$73,700	$12,600	$3,400	
Interior Architecture	$81,600		$64,100	$7,000
Electrical	$19,600	$15,300	$17,500	$17,800
Mechanical	$76,200	$17,800	$54,800	$15,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$261,000**	**$55,600**	**$149,700**	**$50,000**
Importance Code A	$78,300	$17,300	$8,000	$4,600
Importance Code B	$148,600	$38,400	$141,700	$45,400
Importance Code C	$34,100			
Total	**$261,000**	**$55,600**	**$149,700**	**$50,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE NORWOOD EAST CAMPUS - BX
Asset # : 14915

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$45,300	
Glass Block	1%			LIFE	* *	5	$1,800	
Masonry: Brick Cavity	94%			LIFE	* *	5	$272,700	
Metal/Glass Curt Wall	3%			LIFE	* *	5	$16,300	
Windows								
Aluminum	99%			2055	* *	5	$25,200	
Metal Louvers	1%			2046	* *	10	$1,600	
Parapets								
Cast in Place Concrete	60%			LIFE	* *	5	$218,300	
Masonry: Brick Cavity	30%			LIFE	* *	5-10	$36,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$22,200	
Roof								
Plaza Roof: Stone Panels	100%	4+	$89,900	2053	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Corridors								
Soffits								
Metal Panel	20%			2053	* *	5-10	$2,500	
Stucco Cement	30%			2046	* *	5	$1,300	
Stucco Cement	50%			2046	* *	5	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Over Side Entrance On South Side Of Building								
Explanation : This Is Actually Painted Gypsum Board								
Interior								
Floors								
Carpet	5%			2032	$124,400	3	$10,500	
Cast in Place Concrete	5%			LIFE	* *	5	$30,800	
Ceramic Tile	10%			2042	* *	5	$14,100	
Quarry Tile	5%			2046	* *	5	$10,500	
Steel Grating	2%			2053	* *	1		
Terrazzo	5%			LIFE	* *	5	$11,000	
Traffic Topping	3%			2038	* *	5	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Art Rooms								
Explanation : This Is Actually Poured Epoxy Resin Floor Finish								
Vinyl Tile	55%			2038	* *	3	$29,000	
Wood	10%			2061	* *	5	$26,400	
Interior Walls								
Ceramic Tile	30%			2042	* *	5	$112,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$44,900	
Gypsum Board	45%			LIFE	* *	5-10	$286,000	
Mosaic Tile	5%			LIFE	* *	10	$11,700	
Operable Wall	5%			2053	* *	5	$65,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE NORWOOD EAST CAMPUS - BX
Asset # : 14915

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	50%			2046	* *	5	$65,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$13,000	
Fiber Board	15%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : This Is Actually Tectum Fiber Panels								
Gypsum Board	30%	4+	$13,600	LIFE	* *	5	$48,700	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium And Music Room 220								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Iron Picket	25%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	100%			2042	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor And Penthouse								
Explanation : One 3,000 Ampere And One 2,500 Ampere Main Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5	$400	
Molded Case Bkrs	80%			2049	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2053	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE NORWOOD EAST CAMPUS - BX
Asset # : 14915

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	25%			2046	* *	5	$200	
Variable Frequency Drive	75%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$28,900	
Generators								
Diesel	100%			2042	* *	1	$36,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 345 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	70%			2033	$980,400	10	$60,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	10%			2033	$140,100	10	$8,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	20%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : LED Lighting Observed								
Egress Lighting								
Emergency, Service	50%			2033	$28,900	1		
Exit, Battery	50%			2033	$66,600	10	$3,200	
Exterior Lighting								
Fluorescent	20%			2033	$74,900	10	$1,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
THE NORWOOD EAST CAMPUS - BX
Asset # : 14915

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$700	
Alarm								
Security System								
Generic	50%			2038	* *	1	$17,600	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System								
Generic	50%			2038	* *	1	$17,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior And Exterior Of The Building								
Explanation : Cameras Security System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$57,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	50%			2038	* *	1	$23,200	
Hot Water Boiler	50%			2038	* *	1	$23,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$6,900	
Terminal Devices								
Convector/Radiator	95%			2046	* *	1	$28,800	
Fan Coil Unit/Heat	5%			2038	* *	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE NORWOOD EAST CAMPUS - BX
Asset # : 14915

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	80%			2034	* *	2	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Int Pkg Unit - Heating/Cooling	10%	0-2	$76,500	2031	$153,100	2	$500	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Split Unit	10%			2038	* *			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$152,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,000	
Exhaust Fans								
Roof	100%			2038	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Piping At Main Valve And Leaking Reduced Pressure Zone								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$47,400	
Sprinkler								
Generic	100%			2053	* *	1-2	$26,300	
Fire Pump								
Generic	100%			2042	* *	1	$17,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE NORWOOD EAST CAMPUS - BX
Asset # : 14915

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2031	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE OZONE PARK EDU. CAMPUS - Q**		
Address	: **90-07 101ST AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q316**
Program / Asset #	: **BOE1157.000 / 14903**	**Yr Built/Renovated**	:
Area Sq Ft	: **67,126**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9064** **Lot** : **31**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$70,100	$185,100
Interior Architecture	$242,800	$170,600
Electrical		$61,600
Mechanical		$306,000
Total	**$312,800**	**$723,300**
Importance Code A	$70,100	$185,100
Importance Code B		$367,600
Importance Code C	$242,800	$170,600
Total	**$312,800**	**$723,300**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$153,000	$7,300		
Interior Architecture	$107,000	$37,800	$11,900	
Electrical	$8,100	$6,300	$7,900	$6,300
Mechanical	$85,400	$69,400	$52,100	$42,600
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$368,300**	**$135,500**	**$86,800**	**$63,700**
Importance Code A	$167,200	$10,600	$3,300	$3,300
Importance Code B	$167,000	$124,900	$83,400	$60,300
Importance Code C	$34,100			
Total	**$368,300**	**$135,500**	**$86,800**	**$63,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE OZONE PARK EDU. CAMPUS - Q
Asset # : 14903

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$31,300	
Masonry: Brick Cavity	70%			LIFE	* *	5	$140,100	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$18,800	
Metal Panel	23%			2059	* *	5-10	$158,300	
Windows								
Aluminum	100%			2055	* *	5	$14,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$25,800	
Masonry: Brick	70%			LIFE	* *	5-10	$43,600	
Metal Panel	20%			2059	* *	5	$7,000	
Roof								
Plaza Roof: Stone Panels	100%	4+	$22,800	2059	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Fourth Floor								
Soffits								
Metal Panel	100%			2059	* *	5-10	$9,000	
Interior								
Floors								
Carpet	5%			2034	* *	3	$7,500	
Cast in Place Concrete	5%			LIFE	* *	5	$22,000	
Ceramic Tile	10%			2046	* *	5	$10,000	
Quarry Tile	5%			2050	* *	5	$7,500	
Terrazzo	10%			LIFE	* *	5	$15,700	
Vinyl Tile	55%			2041	* *	3	$20,700	
Wood	10%			2068	* *	5	$18,800	
Interior Walls								
Cast in Place Concrete	3%			LIFE	* *	10	$19,700	
Ceramic Tile	50%			2046	* *	5	$131,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$21,000	
Glass: Single Pane	2%			LIFE	* *	5	$7,900	
Gypsum Board	25%			LIFE	* *	5-10	$111,500	
Wood	10%			LIFE	* *	5	$209,900	
Ceilings								
AcousTileSusp.Lay-In	70%			2050	* *	5	$63,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$9,000	
Gypsum Board	20%			LIFE	* *	5-10	$61,900	
Metal Panel	5%			LIFE	* *	5	$11,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : This Is Actually A Perforated Metal Ceiling Panel								
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE OZONE PARK EDU. CAMPUS - Q
Asset # : 14903

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%			2077	* *			
Chain Link	20%			2059	* *			
Concrete Masonry Unit	5%			2059	* *			
Iron Picket	50%			2077	* *			
Masonry: Brick	20%			2059	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2059	* *			
Retaining Walls								
Cast in Place Concrete	100%			2077	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	65%			2050	* *			
Pavers/Stone	35%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	98%			2050	* *			
Masonry: Granite	2%			LIFE	* *			
Activity Yard								
Asphalt	70%			2046	* *			
Cast in Place Concrete	10%			2050	* *			
Rubber Matting	20%			2041	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 3,000 Ampere And One 1,600 Ampere Main Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	90%			2049	* *	5	$1,600	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2046	* *	5	$300	
Variable Frequency Drive	40%			2046	* *			
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE OZONE PARK EDU. CAMPUS - Q
Asset # : 14903

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	10%			2038	* *	10	$6,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 10%								
Location : Gymnasium, Lobby And Auditorium								
Fluorescent	2%			2038	* *	10	$1,200	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	88%			2038	* *	10	$54,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$8,100	
Exit, Battery	50%			2038	* *	10	$2,300	
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$500	
Alarm								
Security System								
Generic	100%			2038	* *	1	$25,100	
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$41,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	Now	$14,300	2046	* *	1	$29,900	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof Mechanical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Mechanical Room								
Explanation : Building Management System Is Not Working								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE OZONE PARK EDU. CAMPUS - Q
Asset # : 14903

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$29,600	
Hot Wtr Piping/Pump	50%			2049	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Mechanical Room								
Explanation : Heat Exchanger For Radiators								
Terminal Devices								
Convector/Radiator	100%			2050	* *	1	$21,700	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	95%			2042	* *	1	$69,000	
Split Unit	5%			2038	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2053	* *	4	$5,000	
Other Observation, Extent : Light, Area Affected : 80%								
Location : All Floors								
Explanation : Chilled Beams In Classroom From Heat Exchanger								
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$41,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,300	
Exhaust Fans								
Roof	100%			2038	* *	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$2,700	
Backflow Preventer								
Generic	100%			2041	* *	1	$4,100	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE OZONE PARK EDU. CAMPUS - Q
Asset # : 14903

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Elevators. Basement To 4th Floor								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$33,900	
Sprinkler								
Generic	100%			2053	* *	1-2	$18,800	
Fire Pump								
Generic	100%			2042	* *	1	$12,500	
Chemical System								
Generic	100%			2031	$306,000	1-3	$279,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Set Kitchen Fire Suppression System 75 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE PECK SLIP SCHOOL - M**		
Address	: **1 PECK SLIP**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M343**
Program / Asset #	: **BOE1177.000 / 14923**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **94,803**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5,6,7**		
Block	: **106** **Lot** : **9**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$385,000	$555,000
Interior Architecture	$484,900	$341,900
Electrical		$82,600
Mechanical		$476,300
Total	**$869,900**	**$1,455,800**
Importance Code A	$385,000	$555,000
Importance Code B	$93,100	$612,100
Importance Code C	$391,800	$288,700
Total	**$869,900**	**$1,455,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$8,300	$13,400		
Interior Architecture	$155,500	$37,200	$39,800	
Electrical	$19,800	$15,400	$17,900	$17,900
Mechanical	$131,100	$59,400	$144,900	$59,400
Site Pavements	$13,900			
Elevators/Escalators	$13,800	$13,800	$13,800	$13,800
Total	**$342,400**	**$139,300**	**$216,300**	**$91,100**
Importance Code A	$13,000	$18,100	$4,700	$4,700
Importance Code B	$279,900	$121,200	$191,000	$86,400
Importance Code C	$49,500		$20,600	
Total	**$342,400**	**$139,300**	**$216,300**	**$91,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE PECK SLIP SCHOOL - M
Asset # : 14923

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	$108,800	
Masonry: Granite	5%			LIFE	* *	5	$13,600	
Metal Panel	30%			2059	* *	5-10	$373,900	
Window Wall	35%			2059	* *	5	$238,000	
Windows								
Aluminum	100%			2055	* *	5	$26,800	
Parapets								
Metal Panel	100%			2059	* *	5	$219,200	
Roof								
IRMA/Protected Membrane	70%			2038	* *	10	$34,300	
Play Surface	30%			2038	* *	10	$14,700	
Soffits								
Metal Panel	100%			2059	* *	5-10	$5,400	
Interior								
Floors								
Carpet	5%			2034	* *	3	$10,600	
Cast in Place Concrete	10%			LIFE	* *	5	$62,100	
Ceramic Tile	5%			2046	* *	5	$7,100	
Quarry Tile	5%			2050	* *	5	$10,600	
Sheet Vinyl/Rubber	5%			2041	* *	5	$10,600	
Terrazzo	10%			LIFE	* *	5	$22,200	
Vinyl Tile	58%			2041	* *	3	$30,900	
Wood	2%			2068	* *	5	$5,300	
Interior Walls								
Ceramic Tile	10%			2046	* *	5	$41,200	
Concrete Masonry Unit	30%			LIFE	* *	5	$99,000	
Gypsum Board	50%			LIFE	* *	5-10	$350,600	
Wood	10%			LIFE	* *	5	$329,900	
Ceilings								
AcousTileSusp.Lay-In	40%			2050	* *	5	$56,800	
Exposed Struc: Steel	10%			LIFE	* *	10	$28,400	
Gypsum Board	30%			LIFE	* *	5-10	$146,300	
Metal Panel	20%			LIFE	* *	5	$70,900	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2059	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Area Roof Level At 7th Floor								
Explanation : Fencing Around Play Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$13,900	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Peck Slip Sidewalk								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE PECK SLIP SCHOOL - M
Asset # : 14923

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 4,000 And 2,500 Amperes								
Transformers								
Dry Type	100%			2046	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Elevator Room								
Explanation : 277/480 Volt, Could Not Define The Rating Due To Cleared Name Plate								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5	$400	
Molded Case Bkrs	80%			2049	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$400	
Variable Frequency Drive	30%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$29,200	
Generators								
Diesel	100%			2042	* *	1	$36,700	
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Room								
Explanation : 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE PECK SLIP SCHOOL - M
Asset # : 14923

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2038	* *	10	$69,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	15%			2038	* *	10	$13,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Corridors								
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Lights								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Battery	50%			2038	* *	10	$3,200	
Exterior Lighting								
Fluorescent	20%			2038	* *	10	$1,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$500	
Alarm								
Security System								
Generic	50%			2038	* *	1	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Generic	50%			2038	* *	1	$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns, Strobes, Smoke Detectors, Elevator Recall System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE PECK SLIP SCHOOL - M
Asset # : 14923

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2050	* *	1	$46,900	
Distribution								
Steam Piping/Pump	100%			2059	* *			
Terminal Devices								
Convector/Radiator	95%			2050	* *	1	$29,100	
Fan Coil Unit/Heat	5%			2041	* *	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2046	* *	1	$102,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Rooftop Unit								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$154,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2041	* *	1	$58,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,700	
Exhaust Fans								
Roof	100%			2041	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$68,300	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 300 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2041	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor To 6th Floor								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE PECK SLIP SCHOOL - M
Asset # : 14923

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$47,800	
Sprinkler								
Generic	100%			2059	* *	1-2	$26,600	
Fire Pump								
Generic	100%			2046	* *	1	$17,700	
Chemical System								
Wet	100%			2032	$408,000	1-3	$416,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression 100 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE SIXTH AVE. EDUC. CAMPUS - M**		
Address	: **590 SIXTH AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M340**
Program / Asset #	: **BOE1142.000 / 14888**	**Yr Built/Renovated**	:
Area Sq Ft	: **99,704**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6**		
Block	: **818** **Lot** : **7501**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$66,100	$66,100
Interior Architecture	$286,300	$181,800
Electrical		$86,900
Mechanical		$122,400
Total	**$352,400**	**$457,100**
Importance Code A	$66,100	$66,100
Importance Code B	$56,300	$265,500
Importance Code C	$230,100	$125,500
Total	**$352,400**	**$457,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$70,400	$15,200	$9,800	
Interior Architecture	$86,000		$61,800	
Electrical	$20,000	$17,600	$18,100	$16,200
Mechanical	$127,600	$35,500	$80,100	$40,500
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$321,800**	**$86,100**	**$187,500**	**$74,500**
Importance Code A	$75,600	$20,100	$14,700	$4,900
Importance Code B	$217,700	$66,000	$130,700	$69,500
Importance Code C	$28,500		$42,200	
Total	**$321,800**	**$86,100**	**$187,500**	**$74,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE SIXTH AVE. EDUC. CAMPUS - M
Asset # : 14888

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$132,200	
Metal/Glass Curt Wall	2%			LIFE	* *	5	$5,800	
Metal Panel	3%			2059	* *	5-10	$16,000	
Granite Panels	5%			LIFE	* *	5	$5,800	
Window Wall	5%	Now	$2,400	2059	* *	5	$7,300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Room 211								
Windows								
Aluminum	95%			2055	* *	5	$29,700	
Metal Louvers	5%			2046	* *	10	$9,800	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$8,500	
Masonry: Brick	93%			LIFE	* *	5-10	$38,000	
Metal: Cage/Fence	2%			2050	* *	5-10	$900	
Roof								
Plaza Roof: Stone Panels	100%	4+	$11,600	2059	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Roof								
Other Observation, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Play Roof Has Rubber Matting								
Explanation : Water Ponding								
Soffits								
Cast in Place Concrete	75%			LIFE	* *	5	$13,700	
Metal Panel	25%			2059	* *	5-10	$3,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$32,600	
Ceramic Tile	10%			2046	* *	5	$14,900	
Terrazzo	15%			LIFE	* *	5	$35,000	
Vinyl Tile	65%			2041	* *	3	$36,400	
Wood	5%			2068	* *	5	$14,000	
Interior Walls								
Ceramic Tile	25%			2046	* *	5	$84,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$27,000	
Glass: Special Gauge	2%			LIFE	* *	1		
Gypsum Board	62%			LIFE	* *	5-10	$355,600	
Metal Coiling Doors	1%	Now	$15,000	2049	* *	5	$8,400	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Lobby								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby								
Explanation : Fabric Smoke Curtain Will Not Deploy All The Way And Will Not Retract								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE SIXTH AVE. EDUC. CAMPUS - M
Asset # : 14888

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	82%			2050	* *	5	$112,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$13,700	
Gypsum Board	10%	4+	$4,800	LIFE	* *	5	$17,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Staircase, Elevator Shaft And Toilet Room								
Metal Panel	3%			LIFE	* *	5	$10,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room No. C10								
Explanation : One Main Service Switch 1,200 Amperes Capacity								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room No. C13								
Explanation : 5 Vertical Sections								
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Molded Case Bkrs	100%			2055	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	15%			2050	* *	5	$100	
Variable Frequency Drive	85%			2050	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$30,700	
Generators								
Diesel	100%			2046	* *	1	$38,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 625 Kilovolt Amperes.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE SIXTH AVE. EDUC. CAMPUS - M
Asset # : 14888

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$3,700	
Fuel Storage								
Main Tank	100%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$82,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2038	* *	10	$4,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Incandescent	5%			2038	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Halogen Bulb								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	15%			2038	* *	10	$1,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
LED	10%			2038	* *			
No Component	75%							
Alarm								
Security System								
Generic	50%			2038	* *	1	$18,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2038	* *	1	$18,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Manual Door Lock Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$61,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE SIXTH AVE. EDUC. CAMPUS - M
Asset # : 14888

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2050	* *	1	$49,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 6th Floor Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2055	* *	4	$4,900	
Terminal Devices								
Air Handler	60%			2041	* *	1	$37,000	
Convector/Radiator	35%			2050	* *	1	$11,300	
Unit Heater - Hot Water	5%			2041	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2041	* *	1	$41,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Air Conditioning Room								
Explanation : Multistacks Unit. R-410a								
Reciprocating Compr/Chiller	10%	0-2	$29,400	2041	* *	1	$4,200	
Not in Service, Extent : Moderate, Area Affected : 60%								
Location : 12 Compressors.								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2059	* *	4	$4,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2041	* *	1	$61,700	
Heat Rejection								
Water Cooling Tower	100%			2034	* *	2	$100,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,000	
Exhaust Fans								
Interior	100%			2041	* *	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2038	* *	4	$2,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE SIXTH AVE. EDUC. CAMPUS - M
Asset # : 14888

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$4,000	
Backflow Preventer								
Generic	100%			2041	* *	1	$6,100	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2031	$32,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit And One 500 Gallon Tank.								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2 Units From Basement To 8th Floor, 1 Unit From 1st To 8th Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$50,300	
Sprinkler								
Generic	100%			2059	* *	1-2	$27,900	
Fire Pump								
Not Accessible	100%							
Chemical System								
Wet	100%			2032	$122,400	1-3	$125,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 30 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE SPRUCE ST. EDUC. CAMPUS - M**				
Address	: **12 SPRUCE STREET**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M971**
Program / Asset #	: **BOE1148.000 / 14894**			**Yr Built/Renovated**	: **2011 /**
Area Sq Ft	: **102,554**			**Project Type**	: **EDUCATION**
Date of Survey	: **28-Jun-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5**				
Block	: **100**	**Lot**	: **7502**	**BIN**	:

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$145,300	$92,700
Interior Architecture	$486,300	$331,400
Electrical		$89,400
Mechanical		$61,200
Total	**$631,600**	**$574,700**
Importance Code A	$145,300	$92,700
Importance Code B	$163,100	$269,200
Importance Code C	$323,300	$212,800
Total	**$631,600**	**$574,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$32,900	$28,500		
Interior Architecture	$45,900	$61,400	$74,200	$5,000
Electrical	$10,000	$11,500	$11,500	$9,600
Mechanical	$69,300	$27,600	$39,500	$22,500
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$168,000**	**$138,700**	**$135,100**	**$47,000**
Importance Code A	$33,200	$28,500		
Importance Code B	$103,700	$85,200	$105,000	$42,000
Importance Code C	$31,100	$25,100	$30,100	$5,000
Total	**$168,000**	**$138,700**	**$135,100**	**$47,000**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE SPRUCE ST. EDUC. CAMPUS - M
Asset # : 14894

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	$65,900	
Metal/Glass Curt Wall	60%			LIFE	* *	5	$185,300	
Windows								
Aluminum	100%			2055	* *	5	$56,900	
Parapets								
Masonry: Brick	100%			LIFE	* *	5-10		
Roof								
Cast in Place Concrete	100%			LIFE	* *	10	$52,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Play Yard								
Explanation : There Is Only A Partial Roof At The 5th Floor Level. The Building Is Part Of A Highrise Residential Building.								
Interior								
Floors								
Ceramic Tile	15%			2046	* *	5	$23,000	
Ceramic Tile	10%			2046	* *	5	$15,400	
Quarry Tile	5%			2050	* *	5	$11,500	
Sheet Vinyl/Rubber	5%			2041	* *	5	$11,500	
Traffic Topping	10%			2041	* *	5	$19,200	
Vinyl Tile	50%			2041	* *	3	$28,800	
Wood	5%			2068	* *	5	$14,400	
Interior Walls								
Ceramic Tile	15%			2046	* *	5	$60,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$32,100	
Fabric on Framing	5%			2037	* *	5	$10,000	
Folding Partition	5%			2055	* *	5	$50,200	
Glass: Single Pane	5%			LIFE	* *	5	$30,100	
Gypsum Board	55%			LIFE	* *	5-10	$375,500	
Wood	5%			LIFE	* *	5	$160,600	
Ceilings								
AcousTileSusp.Lay-In	45%			2050	* *	5	$61,000	
Exposed Struc: Concrete	10%			LIFE	* *	5-10	$16,900	
Fiber Board	5%			2041	* *			
Gypsum Board	35%			LIFE	* *	5-10	$163,100	
Wood	5%			LIFE	* *	5	$118,600	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2059	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor Roof Play Area								
Explanation : Fence Enclosure At 5th Floor Roof Play Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Rubber Matting	100%			2041	* *			

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE SPRUCE ST. EDUC. CAMPUS - M
Asset # : 14894

Electrical	Current Repair		Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years) / Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2059	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Electrical Room							
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.							
Transformers							
Dry Type	100%		2050	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Electrical Room							
Explanation : 500 Kilovolt Amperes, 480 Volts Primary, 208 120 Volts Secondary							
Switchgear / Switchboard							
Fused Disc Sw	100%		2059	* *	5	$400	
Raceway							
Conduit	100%		2059	* *	1		
Panelboards							
Molded Case Bkrs	100%		2055	* *	5	$2,700	
Wiring							
Thermoplastic	100%		2059	* *	1		
Motor Controllers							
Locally Mounted	100%		2050	* *	5	$700	
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							
Interior Lighting							
Fluorescent	90%		2041	* *	10	$84,700	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Throughout The Building							
Explanation : T-8 Lamps							
Fluorescent	5%		2041	* *	10	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Hallways							
Explanation : Compact Fluorescent Lights							
LED	5%		2041	* *			
Egress Lighting							
Emergency, Battery	50%		2041	* *	10	$12,400	
Exit, LED	50%		2068	* *	1		
Exterior Lighting							
LED	10%		2041	* *			
No Component	90%						
Alarm							
Security System							
Generic	100%		2041	* *	1	$38,300	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Hallways							
Explanation : CCTV Surveilllance Cameras							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE SPRUCE ST. EDUC. CAMPUS - M
Asset # : 14894

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	$63,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	100%			2038	* *	1	$63,400	
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2034	* *	2	$6,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : R-407c Refrigerant								
Terminal Devices								
Air Handler/Cool/Ht	100%			2038	* *	1	$63,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,500	
Exhaust Fans								
Interior	100%			2038	* *	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2053	* *	4	$15,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor To 5th Floor								
Explanation : 2 Units								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040
THE SPRUCE ST. EDUC. CAMPUS - M
Asset # : 14894

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2059	* *	1-5	$51,700	
Sprinkler								
Generic	100%			2053	* *	1-2	$28,700	
Chemical System								
Wet	100%			2032	$61,200	1-3	$62,500	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Covers 15 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE WALTER MCCAFFREY CAMPUS P.S. 343**		
Address	: **45-46 42ND STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q313**
Program / Asset #	: **BOE1126.000 / 14777**	**Yr Built/Renovated**	: **2015 /**
Area Sq Ft	: **75,316**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **169** **Lot** : **6**	**BIN**	: **4540402**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$303,300	$97,500
Interior Architecture		$90,000
Electrical		$66,300
Total	**$303,300**	**$253,800**
Importance Code A	$303,300	$97,500
Importance Code B		$66,300
Importance Code C		$90,000
Total	**$303,300**	**$253,800**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$58,700		$40,900	$8,500
Interior Architecture	$58,300	$31,700		$10,300
Electrical	$6,900	$6,600	$10,700	$7,200
Mechanical	$31,200	$21,200	$34,200	$30,000
Site Enclosure				
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$169,900**	**$74,300**	**$100,600**	**$70,800**
Importance Code A	$62,400	$3,700	$44,600	$12,400
Importance Code B	$107,500	$40,600	$56,000	$58,400
Importance Code C		$30,000		
Total	**$169,900**	**$74,300**	**$100,600**	**$70,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WALTER MCCAFFREY CAMPUS P.S. 343
Asset # : 14777

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$37,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Mechanical Bulkhead, Sills And Corner Stones								
Explanation : Concrete Walls								
Glass Block	2%			LIFE	* *	5	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor And Stairwell								
Explanation : Glass Block								
Masonry: Brick Cavity	65%			LIFE	* *	5	$97,500	
Metal/Glass Curt Wall	12%	Now	$303,300	LIFE	* *	5	$33,700	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Second Floor Corridor From Second Floor Deck And Fifth Floor Above Doors To Deck								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Courtyard Facade At Floors Two Through Five								
Explanation : Glass Block Infill								
Stucco Cement	14%			2044	* *	5	$52,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Elevation At Alleyway								
Explanation : Stucco								
Window Wall	2%			2051	* *	5	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main And Rear Entries								
Explanation : Glass Window Wall								
Windows								
Aluminum	98%			2047	* *	5	$16,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Stairwells								
Explanation : Metal Grilles At The Interior Face Of Stairwells								
Metal Louvers	2%			2040	* *	10	$2,200	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$9,600	
Metal Rail	5%			2044	* *	5-10	$12,300	
Metal: Cage/Fence	10%			2044	* *	5-10	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fifth Floor Roof Deck Playground								
Explanation : Steel Mesh Covered Cage								
Metal: Cage/Fence	2%			2044	* *	5-10	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor Roof Deck Playground								
Explanation : Chain Link Fence								
Pre-Cast Concrete	13%	0-2	$2,900	LIFE	* *	5	$11,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Roof Parapet At Railing Connections								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WALTER MCCAFFREY CAMPUS P.S. 343
Asset # : 14777

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	88%			2036	* *	10	$35,300	
Paver Block Ballast, Extent : Moderate, Area Affected : 90%								
Location : Main Roof And Fifth Floor Roof Deck Playground								
Play Surface	12%	Now	$14,600	2036	* *			
Drains Inad/Misposn, Extent : Severe, Area Affected : 30%								
Location : Second Floor Roof Deck								
Ponding, Extent : Severe, Area Affected : 20%								
Location : At Glass Block Facade								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : At Second Floor Corridor Adjacent To Roof Deck								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor Roof Deck Playground								
Explanation : Rubber Interlocking Mat Tiles								
Soffits								
Stucco Cement	100%			2044	* *	5		
Interior								

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DEPARTMENT OF EDUCATION - 040
THE WALTER MCCAFFREY CAMPUS P.S. 343
Asset # : 14777

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2030	$39,900	3	$4,500	
Cast in Place Concrete	10%			LIFE	* *	5	$24,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Fifth Floor And Penthouse Floors								
Explanation : Mechanical Rooms								
Ceramic Tile	3%			2040	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Porcelain Tiles								
Mosaic Tile	5%			2044	* *	5	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bathrooms On All Floors								
Explanation : Ceramic Mosaic Tile								
Steel Grating	1%			2051	* *	1		
Thin Profile/Gauge, Extent : Light, Area Affected : 100%								
Location : Entry Vestibule								
Terrazzo	10%			LIFE	* *	5	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby, First Floor And Fifth Floor Corridors								
Explanation : Terrazzo Tiles								
Vinyl Tile	65%			2036	* *	3	$36,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors And Classrooms								
Explanation : Vinyl Tile								
Wood	4%			2059	* *	5	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : Wood Flooring								
Interior Walls								
Ceramic Tile	22%			2040	* *	5	$60,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$16,400	
Concrete Masonry Unit	4%			LIFE	* *	5	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Auditorium								
Explanation : Acoustic Units								
Glass: Single Pane	3%			LIFE	* *	5	$6,100	
Gypsum Board	55%			LIFE	* *	5	$90,000	
Wood	1%			LIFE	* *	5	$10,900	
Ceilings								
AcousTileSusp.Lay-In	70%			2044	* *	5	$73,500	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Metal Decking								
Gypsum Board	20%			LIFE	* *	5	$26,200	

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DEPARTMENT OF EDUCATION - 040
THE WALTER MCCAFFREY CAMPUS P.S. 343
Asset # : 14777

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	90%			2048	* *	5-10	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roofs								
Explanation : Railings At Mechanical Units								
Iron Picket	10%			2066	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 42nd Street								
Explanation : Main Entrance								
Free Standing Walls								
Masonry: Brick	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 2,000 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	$300	
Raceway								
Conduit	100%			2057	* *	1		
Panelboards								
Fused Disc Sw	5%			2053	* *	5	$100	
Molded Case Bkrs	95%			2053	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2057	* *	1		
Motor Controllers								
Locally Mounted	40%			2048	* *	5	$200	
Variable Frequency Drive	60%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$23,200	

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DEPARTMENT OF EDUCATION - 040
THE WALTER MCCAFFREY CAMPUS P.S. 343
Asset # : 14777

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2044	* *	1	$29,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 250 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$2,800	
Fuel Storage								
Day Tank	50%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 60 Gallons								
Main Tank	50%			2066	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	94%			2039	* *	10	$64,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2039	* *	10	$1,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby First Floor								
LED	4%			2039	* *			
Egress Lighting								
Emergency, Service	60%			2039	* *	1		
Exit, Service	40%			2039	* *	1		
Exterior Lighting								
HID	10%			2039	* *	10		
LED	10%			2039	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2066	* *	5	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2039	* *	1	$5,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2039	* *	1-3	$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway, Gymnasium, Auditorium, Cafeteria And Basement								
Explanation : Fire Panel, Strobe Lights, Horn, Bell, Heat And Smoke Detector								

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DEPARTMENT OF EDUCATION - 040
THE WALTER MCCAFFREY CAMPUS P.S. 343
Asset # : 14777

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2057	* *	1		
Conversion Equipment								
Furnace	70%			2036	* *	1	$26,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Rooftop Units								
Hot Water Boiler	30%			2044	* *	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2053	* *	4	$1,700	
No Component	70%							
Terminal Devices								
Convector/Radiator	30%			2044	* *	1	$7,300	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2053	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2039	* *	1	$34,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410c Refrigerant								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2057	* *	4	$5,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2036	* *	1	$46,600	
Heat Rejection								
Air Cooled Condenser Unit	100%			2036	* *	2	$52,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,000	
Exhaust Fans								
Roof	100%			2036	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2057	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
THE WALTER MCCAFFREY CAMPUS P.S. 343
Asset # : 14777

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$4,500	
Backflow Preventer								
Generic	100%			2039	* *	1	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 5th Floor								
Explanation : 2 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 2nd Floor								
Explanation : 1 Freight Unit								
Fire Suppression								
Standpipe								
Generic	100%			2057	* *	1-5	$39,400	
Sprinkler								
Generic	100%			2057	* *	1-2	$21,100	
Fire Pump								
Generic	100%			2044	* *	1	$14,100	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **THE WILLIAM WORDSWORTH EDUCATIONAL COMPLEX - Q**
Address : **108-29 155 STREET**
Borough : **QUEENS**
Agency's Number : **Q276**
Program / Asset # : **BOE1151.000 / 14897**
Yr Built/Renovated :
Area Sq Ft : **91,082**
Project Type : **EDUCATION**
Date of Survey : **07-Feb-2022**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,2,4,5,Ph**
Block : **10144** **Lot** : **47** **BIN** :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$261,300	$261,700
Interior Architecture	$464,000	$196,500
Electrical		$78,500
Mechanical		$1,614,000
Total	**$725,300**	**$2,150,700**
Importance Code A	$261,300	$261,700
Importance Code B	$54,300	$1,746,800
Importance Code C	$409,700	$142,100
Total	**$725,300**	**$2,150,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$65,400		$1,200	
Interior Architecture	$132,100		$21,700	$42,700
Electrical	$27,800	$14,800	$16,900	$17,300
Mechanical	$90,300	$58,000	$67,700	$31,500
Site Pavements	$28,800			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$354,200**	**$82,700**	**$117,400**	**$101,300**
Importance Code A	$67,600	$2,300	$3,500	$2,300
Importance Code B	$221,500	$80,500	$113,900	$63,200
Importance Code C	$65,000			$35,900
Total	**$354,200**	**$82,700**	**$117,400**	**$101,300**

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DEPARTMENT OF EDUCATION - 040

THE WILLIAM WORDSWORTH EDUCATIONAL COMPLEX - Q

Asset # : 14897

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$118,300	
Masonry: Brick	95%			LIFE	* *	5	$287,700	
Windows								
Aluminum	90%	Now	$40,800	2049	* *	5	$8,600	
Glazing Broken/Cracked, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Louvers	10%			2042	* *	10	$11,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$31,800	
Masonry: Brick	89%			LIFE	* *	5-10	$68,300	
Metal Rail	1%			2046	* *	5-10	$2,000	
Roof								
IRMA/Protected Membrane	94%			2038	* *	10	$58,700	
Modified Bitumen	2%			2038	* *	10	$1,200	
Paver: Asphalt	4%			2042	* *	10	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Pavers Are Pre-cast Concrete								
Soffits								
Stucco Cement	100%	0-2	$1,400	2038	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Entry								
Interior								
Floors								
Carpet	2%	0-2	$24,100	2029	$48,200	3	$4,100	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 7%								
Location : Library								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$29,800	
Ceramic Tile	8%			2042	* *	5	$10,900	
Quarry Tile	2%			2046	* *	5	$4,100	
Vinyl Tile	78%			2038	* *	3	$39,900	
Wood	5%			2061	* *	5	$12,800	

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DEPARTMENT OF EDUCATION - 040
THE WILLIAM WORDSWORTH EDUCATIONAL COMPLEX - Q
Asset # : 14897

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	20%			2042	* *	5	$71,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$28,700	
Recent Repair Evident, Extent : N/A, Area Affected : 1%								
Location : Boiler Room 500								
Folding Partition	1%	Now	$149,100	2041	* *	5	$4,500	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Glass: Single Pane	1%			LIFE	* *	5	$5,400	
Gypsum Board	66%			LIFE	* *	5-10	$402,700	
Wood	2%			LIFE	* *	5	$57,400	
Ceilings								
AcousTileSusp.Lay-In	85%			2046	* *	5	$108,700	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : 5th Floor Hallway Adjacent To Room 511								
Exposed Struc: Steel	7%			LIFE	* *	10	$17,900	
Gypsum Board	4%			LIFE	* *	5-10	$17,600	
Gypsum Board	1%	Now	$13,400	LIFE	* *	5	$1,600	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Auditorium								
Metal Panel	3%			LIFE	* *	5	$9,600	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2053	* *			
Iron Picket	40%			2068	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$9,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Asphalt	60%	Now	$19,300	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cast in Place Concrete	40%			2046	* *			
Activity Yard								
Rubber Matting	100%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

THE WILLIAM WORDSWORTH EDUCATIONAL COMPLEX - Q

Asset # : 14897

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,500 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	20%			2046	* *	5	$100	
Variable Frequency Drive	80%	Now	$1,900	2046	* *			
Not Functioning, Extent : Light, Area Affected : 100%								
Location : Penthouse Unit P1								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$28,000	
Generators								
Diesel	100%			2042	* *	1	$35,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Kilowatts Rated Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$3,400	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons								
Lighting								

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DEPARTMENT OF EDUCATION - 040
THE WILLIAM WORDSWORTH EDUCATIONAL COMPLEX - Q
Asset # : 14897

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$78,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%	Now	$6,800	2038	* *			
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Gymnasium, Auditorium, Main Entrance								
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Emergency, Battery	50%			2038	* *	10	$11,000	
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$700	
Alarm								
Security System								
Generic	50%			2038	* *	1	$17,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System								
Generic	50%			2038	* *	1	$17,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$56,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	50%			2046	* *	1	$22,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Penthouse Boiler Room								
Explanation : 2 Units								
No Component	50%							
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$6,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIAM WORDSWORTH EDUCATIONAL COMPLEX - Q
Asset # : 14897

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$29,400	
Controls								
Digital	100%			2031	$1,308,000			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2038	* *	2	$5,300	
Other Observation, Extent : N/A, Area Affected : 100% *Location : Roof* *Explanation : 7 Units*								
Split Unit	5%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100% *Location : Roof* *Explanation : 7 Units*								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$148,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,400	
Exhaust Fans								
Roof	30%			2038	* *	2	$800	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$5,600	
Fixtures								
Generic	100%							
Tankless Water Heater (POU								
Gas Fired	100%			2031	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100% *Location : Boiler Room* *Explanation : One 600 Gallon Tank*								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE WILLIAM WORDSWORTH EDUCATIONAL COMPLEX - Q

Asset # : 14897

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Elevators, 1st To 5th Floor								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$25,500	
Fire Pump								
Generic	100%			2042	* *	1	$17,000	
Chemical System								
Generic	100%			2031	$306,000	1-3	$279,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : Kitchen Hood, 75 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THE WILLIE ELLA PASCHAL BOWMAN CAMPUS**		
Address	: **3500 EDSON AVENUE @ BOSTON RD**		
Borough	: **BRONX**	**Agency's Number**	: **X169**
Program / Asset #	: **BOE1099.000 / 14450**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **47,238**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4**		
Block	: **4894** **Lot** : **1**	**BIN**	: **2116222**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$79,200	$79,200
Interior Architecture	$97,100	$52,900
Electrical		$914,700
Mechanical	$696,700	$1,326,300
Total	**$873,000**	**$2,373,200**
Importance Code A	$79,200	$334,400
Importance Code B	$696,700	$1,985,800
Importance Code C	$97,100	$52,900
Total	**$873,000**	**$2,373,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$118,100		$1,900	
Interior Architecture	$69,800		$31,600	$32,600
Electrical	$6,600	$4,400	$4,800	$5,300
Mechanical	$57,800	$46,300	$29,200	$25,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$260,200**	**$58,600**	**$75,300**	**$71,000**
Importance Code A	$120,200	$2,500	$4,000	$2,500
Importance Code B	$128,700	$56,100	$71,300	$37,600
Importance Code C	$11,300			$30,900
Total	**$260,200**	**$58,600**	**$75,300**	**$71,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIE ELLA PASCHAL BOWMAN CAMPUS
Asset # : 14450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$158,400	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$16,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$28,600	
Windows								
Aluminum	100%			2049	* *	5	$9,400	
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$51,200	
Pre-Cast Concrete	50%			LIFE	* *	5	$94,200	
Roof								
Copper/Terne	5%			2061	* *	10	$4,900	
IRMA/Protected Membrane	95%			2038	* *	10	$36,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Single-Ply Rubber Membrane Under Insulation								
Soffits								
Metal Panel	50%			2053	* *	5-10	$10,600	
Stucco Cement	50%			2046	* *	5	$3,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,900	
Ceramic Tile	5%			2042	* *	5	$3,400	
Quarry Tile	5%			2046	* *	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	80%			2038	* *	3	$20,500	
Interior Walls								
Ceramic Tile	35%			2042	* *	5	$61,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$14,100	
Glass: Single Pane	2%			LIFE	* *	5	$5,300	
Gypsum Board	50%			LIFE	* *	5-10	$150,000	
Masonry: Brick	3%			LIFE	* *	10	$1,600	
Ceilings								
AcousTileSusp.Lay-In	65%			2046	* *	5	$44,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$6,800	
Gypsum Board	25%			LIFE	* *	5-10	$58,600	
Metal Panel	5%			LIFE	* *	5	$8,500	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Iron Picket	50%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Cast in Place Concrete	95%			2068	* *			
Concrete Masonry Unit	5%			2053	* *			
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIE ELLA PASCHAL BOWMAN CAMPUS
Asset # : 14450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Activity Yard								
Asphalt	55%			2042	* *			
Rubber Matting	45%			2038	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Service Switch Rated At 3,000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Molded Case Bkrs	95%			2049	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	5%			2033	$35,200	10	$2,200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	95%			2033	$669,000	10	$41,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$39,600	10	$5,700	
Exit, Battery	50%			2033	$33,500	10	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIE ELLA PASCHAL BOWMAN CAMPUS
Asset # : 14450

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	8%			2033	$15,100	10	$300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Timer								
HID	2%			2033	$4,400	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Controlled Via Timer								
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$400	
Alarm								
Security System								
Generic	100%			2033	$88,700	1	$17,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras, Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$121,800	1-3	$30,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detection.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2053	* *	1		
Natural Gas	90%			2053	* *	1		
Conversion Equipment								
Furnace	90%			2033	$132,300	1	$21,000	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 4 Units. 1 Large And 3 Small								
Radiant Heater	10%			2033	$122,900	2	$2,200	
Distribution								
Ductwork/Diffusers	50%	0-2	$696,700	LIFE	* *	2-5	$13,200	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Building Management System Is Not Working								
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIE ELLA PASCHAL BOWMAN CAMPUS
Asset # : 14450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	85%			2038	* *	1	$13,000	
Fan Coil Unit/Heat	5%	0-2	$11,700	2038	* *	1	$700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2033	$714,300	2	$2,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof. Units 3 And 4 Serving Hallway Are Not Working								
Split Unit	5%	Now	$2,800	2038	* *			
Broken, Extent : Moderate, Area Affected : 25%								
Location : One Unit Of Five								
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,700	
Exhaust Fans								
Roof	100%	Now	$4,600	2033	$91,700	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Controls Are Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2038	* *	1	$2,900	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIE ELLA PASCHAL BOWMAN CAMPUS
Asset # : 14450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First To Fourth Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$13,200	
Fire Pump								
Generic	100%			2042	* *	1	$8,800	
Chemical System								
Generic	100%			2031	$265,200	1-3	$241,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set 65 Square Foot Fire Suppression System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THEODORE ROOSEVELT H.S. - BX**		
Address	: **500 E. FORDHAM RD. BTWN: WASHINGTON AV -BATHGATE AV**		
Borough	: **BRONX**	**Agency's Number**	: **X435**
Program / Asset #	: **BOE0326.000 / 356**	**Yr Built/Renovated**	: **1932 / 2015**
Area Sq Ft	: **319,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3059** **Lot** : **1**	**BIN**	: **2011810**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$164,100	$1,049,600
Interior Architecture	$4,448,500	$3,676,100
Electrical	$1,289,200	$1,920,700
Mechanical	$3,877,400	$5,955,400
Site Pavements	$2,170,600	
Total	**$11,949,800**	**$12,601,700**
Importance Code A	$442,200	$1,121,500
Importance Code B	$10,482,700	$11,393,100
Importance Code C	$1,024,900	$87,000
Total	**$11,949,800**	**$12,601,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$29,000		$43,800
Interior Architecture	$58,200	$13,100	$25,600	$13,100
Electrical	$11,100	$12,200	$48,800	$11,600
Mechanical	$19,100	$67,200	$82,900	$51,400
Site Enclosure	$2,200			
Site Pavements	$37,500			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$137,900**	**$131,300**	**$167,200**	**$129,800**
Importance Code A		$60,600	$32,300	$75,400
Importance Code B	$87,100	$70,700	$134,900	$54,400
Importance Code C	$50,800			
Total	**$137,900**	**$131,300**	**$167,200**	**$129,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$322,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Facades								
Copper/Terne	3%			2075	* *	10	$29,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Cupola Tower								
Masonry: Brick	82%			LIFE	* *	5	$338,000	
Recent Replace Evident, Extent : N/A, Area Affected : 90%								
Location : All Facades								
Masonry: Granite	5%			LIFE	* *	5	$15,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Base Of Building								
Windows								
Aluminum	100%			2053	* *	5	$150,600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Windows								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$47,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Coping Stones								
Masonry: Brick	90%			LIFE	* *	5	$55,000	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Roof								
Copper/Terne	25%			2066	* *	10	$164,100	
Recent Replace Evident, Extent : N/A, Area Affected : 25%								
Location : Roofs								
Modified Bitumen	70%			2039	* *	10	$183,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof Area								
Skylight, Metal/Glass	5%			2057	* *	10	$43,800	
Soffits								
Cast in Place Concrete	95%			LIFE	* *	5		
Cast Stone/Terra Cotta	5%			LIFE	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	24%			LIFE	* *	5	$276,100	
Mosaic Tile	13%	Now	$3,848,500	2051	* *	5	$85,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms, Pool								
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Pool And Toilet Rooms								
Terrazzo	3%			LIFE	* *	5	$12,300	
Vinyl Tile	20%			2031	$2,905,200	3	$39,400	
Vinyl Tile	20%			2039	* *	3	$52,600	
Wood	20%			2046	* *	5	$197,200	
Interior Walls								
Cast in Place Concrete	2%	Now	$271,500	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 35%								
Location : Throughout Pool Wall And Sub-basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Throughout Pool Wall								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Throughout Pool Wall								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout Pool Wall								
Ceramic Tile	5%			2034	* *	5	$22,300	
Masonry: Brick	10%			LIFE	* *			
Metal: Cage/Fence	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 3%								
Location : Stairwells								
Explanation : Mesh Panels								
Marble Panels	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$87,000	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$51,100	
Exposed Struc: Concrete	10%			LIFE	* *	5	$8,000	
Exposed Struc: Concrete	3%	Now	$229,900	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Underside Of Pool And Sub-basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 25%								
Location : Throughout Underside Of Pool								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Underside Of Pool Wall								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	2%	Now	$33,900	LIFE	* *	5	$12,800	
Bent/Warped Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Plaster	70%			LIFE	* *	5	$223,700	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	10%			2051	* *			
Iron Picket	90%	0-2	$2,200	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Of School								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : Bathgate Avenue And East Fordham Road And Washington Avenue								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$61,500	2044	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Near Trees On East Fordam Road, Washington Avenue								
On-Site Walkways								
Asphalt	10%	Now	$37,500	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	85%	Now	$753,400	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout Perimeter								
Masonry: Granite	3%			LIFE	* *			
Pavers/Stone	2%			2034	* *			
Activity Yard								
Asphalt	15%	Now	$115,600	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Washington Avenue								
Ponding, Extent : Severe, Area Affected : 5%								
Location : Washington Avenue								
Cast in Place Concrete	85%	Now	$1,240,100	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : All Play Areas								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2031	$41,100	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 4,000 Ampere Main Disconnect Switch For Service Number 1								
Fused Disc Sw	30%			2051	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,000 Ampere Main Disconnect Switch For Service Number 3								
Fused Disc Sw	30%			2031	$30,800	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2,500 Ampere Main Disconnect Switch For Service Number 2								
Switchgear / Switchboard								
Fused Disc Sw	70%			2031	$455,200	5	$1,000	
Fused Disc Sw	30%			2051	* *	5	$400	
Raceway								
Conduit	90%			2031	$606,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2030	$51,100	5	$600	
Fused Disc Sw	2%			2047	* *	5	$100	
Molded Case Bkrs	70%			2030	$447,100	5	$5,900	
Molded Case Bkrs	20%			2047	* *	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$628,900	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$179,700	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	30%			2029	$108,900	5	$600	
Variable Frequency Drive	70%			2044	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$280,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2026	$176,800	2	$100	
LED	2%			2039	* *			

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DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	25%			2026	$133,900	10	$19,300	
Emergency, Battery	25%			2036	* *	10	$19,300	
Exit, Service	50%			2026	$68,800	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$60,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Basement, Gymnasium, Auditorium And Cafeteria								
Explanation : Strobe Lights, Smoke Detector, Manual Pull Station, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%	2-4	$278,000	2044	* *	1	$284,300	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement. Boiler No. 2 Gas Inlet Manifold Malfunctioning.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Air Handler	25%	0-2	$300,200	2026	$1,500,800	1	$44,400	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Mechanical Room. Two Out Of The Four Blowers Out Of Service Due To Burnt Motor								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Mechanical Room								
Explanation : Four Blowers. Two Out Of Service For The Gymnasiun And Auditorium								
Convector/Radiator	60%			2036	* *	1	$61,800	
Fan Coil Unit/Heat	15%			2031	$1,186,400	1	$15,500	

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DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2031	$536,000	2	$2,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Roof								
Explanation : Two Rooftop Units Serving Room 227 And 227a								
Split Unit	10%			2036	* *			
Window/Wall Unit	40%			2026	$483,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$177,900	
Exhaust Fans								
Interior	90%			2026	$1,273,300	2	$8,800	
Roof	10%			2031	$61,900	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2031	$3,277,600	1		
Galvanized Steel	20%			2029	$814,500	1		
HW Heat Exchanger								
Steam Fired	100%			2041	* *	4	$47,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2036	* *	4	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Components								
Pool Filter/Treatment								
Sand	100%			2036	* *	4		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Sub-basement Pump Room								
Explanation : 1 Filer Not Working And Bypassed. 3 Condemn Units Remains In Place.								
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2041	* *	1-5	$160,800	
Sprinkler								
No Component	95%							
Generic	5%			2041	* *	1-2	$4,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THOMAS A. EDISON H.S. - Q**		
Address	: **165-65 84TH AVENUE ABAGAIL ADAMS AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q620**
Program / Asset #	: **BOE0892.000 / 1458**	**Yr Built/Renovated**	: **1958 / 2009**
Area Sq Ft	: **239,183**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9867** **Lot** : **2**	**BIN**	: **4211027**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$612,700	$397,900
Interior Architecture	$1,221,000	$5,646,200
Electrical	$1,060,500	$2,616,000
Mechanical	$1,970,800	$9,243,300
Site Pavements	$104,400	
Total	**$4,969,500**	**$17,903,400**
Importance Code A	$1,863,600	$490,400
Importance Code B	$3,053,500	$17,413,000
Importance Code C	$52,400	
Total	**$4,969,500**	**$17,903,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$42,200			
Interior Architecture	$85,200	$8,900	$400	$43,000
Electrical	$22,900	$7,400	$37,100	$5,500
Mechanical	$114,400	$34,400	$139,400	$34,400
Site Enclosure	$14,500			
Site Pavements	$34,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$317,800**	**$54,600**	**$181,000**	**$86,900**
Importance Code A	$42,200	$23,700	$24,200	$23,700
Importance Code B	$216,000	$30,900	$156,800	$53,600
Importance Code C	$59,700			$9,600
Total	**$317,800**	**$54,600**	**$181,000**	**$86,900**

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DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON H.S. - Q
Asset # : 1458

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$45,700	
Glazed Ceramic Panel	15%			LIFE	* *	5	$128,500	
Masonry: Brick Cavity	75%			LIFE	* *	5	$137,000	
Metal Coiling Doors	5%			2044	* *	5	$28,500	
Windows								
Aluminum	98%	Now	$27,300	2047	* *	5	$14,300	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Cafeteria								
Metal Louvers	2%	Now	$600	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5	$24,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : All Parapets								
Pre-Cast Concrete	15%			LIFE	* *	5	$30,600	
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Gymnasium								
Explanation : Pitched Roof								
Roof								
Modified Bitumen	89%			2036	* *	10	$203,800	
Modified Bitumen	10%			2036	* *	10	$22,900	
Skylight, Metal/Glass	1%	Now	$386,000	2061	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Main Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$132,400	
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$62,300	
Ceramic Tile	5%			2040	* *	5	$17,800	
Quarry Tile	1%	Now	$26,200	2044	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout Kitchen								
Terrazzo	5%			LIFE	* *	5	$13,900	
Vinyl Tile	55%	2-4	$540,600	2031	$5,406,000	3	$73,400	
Uneven Substrate, Extent : Moderate, Area Affected : 35%								
Location : Corridors And Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout Corridors And Cafeteria								
Vinyl Tile	20%			2036	* *	3	$35,600	
Vinyl Tile 9" X 9"	1%			2026	$628,000	3	$1,300	
Wood	5%			2059	* *	5	$33,400	

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DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON H.S. - Q
Asset # : 1458

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	5%	Now	$10,600	2040	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,700	
Metal Coiling Doors	2%			2047	* *	5	$19,200	
Plaster	56%	Now	$52,400	LIFE	* *	5	$32,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium In Rear, Stage Right								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	4+	$22,900	2036	* *	5	$44,500	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Corridors								
Exposed Struc: Concrete	15%			LIFE	* *	5	$8,300	
Metal Panel	15%			LIFE	* *	5	$66,700	
Plaster	50%			LIFE	* *	5	$111,200	
Site Enclosure								
Fence/Gates								
Aluminum Rail	15%			2044	* *	5-10	$24,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Aluminum Guard Rail								
Chain Link	20%			2051	* *			
Iron Picket	65%			2066	* *			
Retaining Walls								
Masonry: Fieldstone	100%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$104,400	2044	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout Side Walk								
On-Site Walkways								
Cast in Place Concrete	65%			2036	* *			
Pavers/Stone	35%			2040	* *			

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DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON H.S. - Q
Asset # : 1458

Architecture

System / Component / Type	Current Repair % of Total	Fail Date (Years)	Estimated Cost	Future Replacement Year FY	Estimated Cost	Maintenance Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	40%	Now	$11,300	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parking Lot								
Potholes, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Cast in Place Concrete	60%	4+	$23,200	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Garage Parking Lot And Driveway								
Ponding, Extent : Light, Area Affected : 10%								
Location : Garage Parking Lot And Driveway								

Electrical

System / Component / Type	Current Repair % of Total	Fail Date (Years)	Estimated Cost	Future Replacement Year FY	Estimated Cost	Maintenance Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2031	$92,500	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 2,500 Ampere Main Disconnect Switches								
Fused Disc Sw	10%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$650,200	5	$6,300	
Raceway								
Conduit	95%			2031	$640,600	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$63,900	5	$600	
Fused Toggle Switch	1%	2-4	$6,400	2056	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room And Auditorium Stage								
Molded Case Bkrs	84%			2030	$536,500	5	$5,300	
Molded Case Bkrs	5%			2047	* *	5	$300	
Wiring								
Braided Cloth	65%	2-4	$584,000	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2031	$269,500	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$362,900	5	$1,600	

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DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON H.S. - Q
Asset # : 1458

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$204,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$4,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	5%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$28,900	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2026	$223,200	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%			2036	* *	1	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Surveillance Camera CCTV								
Generic	10%			2026	$44,900	1	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Some Offices, Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2036	* *	1-3	$30,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room And Hallways								
Explanation : Strobes, Bell, Horn Smoke Detectors, Pull Box Station And Fire Alarm Panel								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON H.S. - Q
Asset # : 1458

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2031	$556,200	5	$74,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 15,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$1,250,900	2051	* *	1	$213,200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$38,300	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2 Head Valves On Top Of Boilers. Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Defective Vacuum Pumps								
Steam Piping/Pump	90%			2031	$1,723,800			
Terminal Devices								
Air Handler	20%			2031	$900,200	1	$29,600	
Convector/Radiator	60%			2029	$1,173,500	1	$46,400	
Fan Coil Unit/Heat	20%	0-2	$23,700	2031	$1,186,000	1	$13,900	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : The Motors, Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2026	$543,700	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$21,000	LIFE	* *	2-5	$13,300	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Louver Actuator Of No.1 Boiler, Boiler Room								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$120,000	
Exhaust Fans								
Interior	75%			2031	$795,600	2	$5,500	
Roof	25%			2026	$116,000	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$1,526,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON H.S. - Q
Asset # : 1458

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%	0-2	$23,100	2031	$1,156,600	4	$23,700	
Corroded, Extent : Light, Area Affected : 50%								
Location : No.2 Heat Exchanger								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Bottom Of No.2 Unit, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%	0-2	$60,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Shops Parking Lot.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$47,900	4	$5,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2031	$165,400	1-2	$3,300	
Chemical System								
No Component	99%							
Generic	1%			2030	$400	1-3	$400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **THOMAS JEFFERSON HIGH SCHOOL -BK**		
Address	: **400 PENNSYLVANIA AVE. @ DUMONT AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K435**
Program / Asset #	: **BOE0627.000 / 1224**	**Yr Built/Renovated**	: **1924 / 2013**
Area Sq Ft	: **221,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,Ph**		
Block	: **3788** **Lot** : **1**	**BIN**	: **3084440**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$732,800	$226,500
Interior Architecture	$2,161,500	$2,721,700
Electrical	$628,900	$3,098,500
Mechanical	$54,200	$5,643,000
Total	**$3,577,500**	**$11,689,700**
Importance Code A	$732,800	$329,300
Importance Code B	$2,093,600	$11,235,200
Importance Code C	$751,000	$125,200
Total	**$3,577,500**	**$11,689,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$101,200			
Interior Architecture	$91,400		$33,900	$10,800
Electrical	$55,800	$20,600	$25,400	$23,400
Mechanical	$102,600	$34,000	$53,800	$31,600
Site Enclosure	$11,800			
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$377,600**	**$69,400**	**$127,900**	**$80,600**
Importance Code A	$123,100	$21,900	$21,900	$21,900
Importance Code B	$236,900	$47,500	$106,000	$58,700
Importance Code C	$17,600			
Total	**$377,600**	**$69,400**	**$127,900**	**$80,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	2%			2053	* *	10	$12,100	
Masonry: Brick	88%	Now	$373,000	LIFE	* *	5	$226,500	
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Rooftop Bulkheads, Penthouse								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Rooftop Bulkheads, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 8%								
Location : Rooftop Bulkheads, Basement, North Side Of Boiler Room								
Masonry: Limestone	5%	Now	$152,000	LIFE	* *	5	$9,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$93,300	LIFE	* *	5	$41,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East And West Facade And South East Corner								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : East And West Facade, Basement Window Openings								
Windows								
Aluminum	99%	Now	$18,500	2049	* *	5	$9,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms								
Metal Louvers	1%	Now	$1,100	2042	* *			
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Parapets								
Masonry: Brick Cavity	88%			LIFE	* *	5-10	$134,000	
Masonry: Limestone	3%			LIFE	* *	5-10	$8,100	
Metal Panel	2%			2053	* *	5	$1,700	
Pre-Cast Concrete	7%			LIFE	* *	5	$19,600	
Roof								
Built-Up (BUR)	82%	Now	$37,000	2038	* *			
Scupper Non-Func/Miss, Extent : Moderate, Area Affected : 5%								
Location : North And Southside Exits, Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into Room 506 And Penthouse								
Copper/Terne	10%	Now	$25,400	2048	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 5%								
Location : Above Shared Wall Between Auditorium And Girls Gymnasium								
Modified Bitumen	3%			2038	* *	10	$5,800	
Skylight, Metal/Glass	5%			2053	* *	10	$32,200	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5	$4,200	
Interior								

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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$279,200	
Ceramic Tile	3%	Now	$54,000	2036	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathroom Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Bathroom Throughout								
Panel/Paver: Cer/Brk	5%			2041	* *	5	$35,900	
Marble Panels	2%			LIFE	* *	5	$9,600	
Terrazzo	5%	2-4	$29,800	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	25%			2033	$2,203,600	3	$39,900	
Vinyl Tile 9" X 9"	2%	Now	$225,300	2043	* *	3	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Offices								
Wood	38%	Now	$361,600	2048	* *	5	$113,700	
Deflection Evident, Extent : Moderate, Area Affected : 15%								
Location : Girls And Boys Gymnasium And Classrooms								
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Girls And Boys Gymnasium And Classrooms								
Interior Walls								
Cast in Place Concrete	5%	Now	$206,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boys Locker Room								
Ceramic Tile	4%	Now	$119,300	2036	* *	5	$10,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Pool And Bathrooms								
Folding Partition	1%			2049	* *	5	$13,600	
Glass: Single Pane	2%			LIFE	* *	5	$16,300	
Masonry: Brick	8%	Now	$165,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Telecom Electric Room								
Marble Panels	3%	0-2	$57,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Corridors And Steps								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : 1st Floor Corridors And Steps								
Plaster	77%	Now	$203,100	LIFE	* *	5	$125,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms, Stair Bulkheads, Basement Boiler Room								

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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$51,300	2046	* *	5	$19,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, Teacher Lounge, Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
AcousTileSusp.Lay-In	10%			2046	* *	5	$31,900	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Concrete	5%	Now	$239,100	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement And Pool								
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : Basement And Pool								
Spalling, Extent : Severe, Area Affected : 2%								
Location : Basement And Pool								
Exposed Struc: Steel	5%			LIFE	* *	10	$31,900	
Plaster	70%	Now	$339,600	LIFE	* *	5	$139,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkheads And Throughout								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Stair Bulkheads								
Site Enclosure								
Fence/Gates								
Chain Link	95%			2053	* *			
Iron Picket	5%	Now	$2,700	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Concrete Base Around Garden								
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$9,100	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Areaways Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Areaways Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : North Parking Lot								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$102,800	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$650,200	5	$900	
Raceway								
Conduit	100%			2033	$674,300	1		
Panelboards								
Fused Disc Sw	10%			2032	$63,900	5	$500	
Fused Toggle Switch	5%	2-4	$31,900	2058	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	85%			2032	$542,900	5	$4,900	
Wiring								
Braided Cloth	70%	2-4	$628,900	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	$269,500	1		
Motor Controllers								
Locally Mounted	80%			2046	* *	5	$1,200	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,500	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$190,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Swimming Pool Area								
Explanation : T-5 Lamps								
LED	4%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$185,500	10	$26,700	
Exit, Service	50%			2033	$47,600	1		
Exterior Lighting								
LED	30%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$414,900	1	$82,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$136,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$218,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	10%	0-2	$35,400	2033	$177,000			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : All F And T Traps, Boiler Room								
Steam Piping/Pump	90%			2033	$1,592,800			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2028	$1,039,700	1	$34,200	
Convector/Radiator	75%			2031	$1,355,400	1	$53,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$502,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	1%	0-2	$4,900	LIFE	* *	2-5	$1,200	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Boys Locker Room								
Ductwork/Diffusers	99%			LIFE	* *	2-5	$193,200	
Exhaust Fans								
Interior	90%			2038	* *	2	$6,100	
Roof	10%			2033	$42,900	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galvanized Steel	20%			2031	$564,300	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$51,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units. One Tankless Unit With Two 150 Gallon Tanks, One 250 Gallons Unit For Shower Rooms, One Tankless Unit For Pool.								
Sanitary Piping								
Cast Iron	5%	0-2	$7,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Boys Bathroom								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	5%	0-2	$1,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Room 506								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$44,200	4	$7,000	
Pool Filter/Treatment								
Sand	100%	0-2	$4,200	2038	* *	4	$300	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Filter Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Swimming Pump Room								
Explanation : 1,250 Square Feet Pool								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$8,800	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : The Freight Unit								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Two Units From Basement To 5th Floor, One Unit From Basement To Ground Floor								
Explanation : 3 Units. One Freight Unit And Two Passenger Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$305,600	1-2	$6,200	

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** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **TOTTENVILLE HIGH SCHOOL - SI**		
Address	: **100 LUTEN AVE @ AMBOY RD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R455**
Program / Asset #	: **BOE0951.000 / 2739**	**Yr Built/Renovated**	: **1972 / 2010**
Area Sq Ft	: **427,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Aug-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**		
Block	: **6613** **Lot** : **1**	**BIN**	: **5082634**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,463,600	$960,900
Interior Architecture	$15,412,200	$337,100
Electrical	$1,575,500	$5,498,300
Mechanical	$5,875,300	$15,606,300
Site Pavements	$620,400	
Total	**$26,947,000**	**$22,402,600**
Importance Code A	$3,463,600	$4,682,700
Importance Code B	$21,643,500	$17,580,500
Importance Code C	$1,839,900	$139,500
Total	**$26,947,000**	**$22,402,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$26,100			
Interior Architecture	$176,700	$17,600	$7,000	$63,200
Electrical	$44,000	$42,400	$48,100	$42,400
Mechanical	$96,700	$63,300	$104,400	$63,300
Site Enclosure	$7,200			
Site Pavements	$59,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$418,400**	**$131,200**	**$167,400**	**$176,800**
Importance Code A	$68,400	$42,300	$43,200	$42,300
Importance Code B	$260,400	$88,900	$124,200	$134,500
Importance Code C	$89,600			
Total	**$418,400**	**$131,200**	**$167,400**	**$176,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%	Now	$284,000	LIFE	* *	5	$33,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Coiling Doors	5%	Now	$70,700	2036	* *	5	$20,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	75%	2-4	$288,200	LIFE	* *	5	$645,600	
Expansion Joint Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Courtyard Columns								
Explanation : Vegetation								
Windows								
Aluminum	100%	Now	$193,700	2039	* *	5	$20,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Parapets								
Pre-Cast Concrete	100%			LIFE	* *	5	$150,900	
Roof								
Built-Up (BUR)	71%			2036	* *	10	$637,100	
Built-Up (BUR)	19%	Now	$1,989,900	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	10%	2-4	$26,100	2044	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 2%								
Location : Stair Bulkheads								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$164,300	
Interior								

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DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2032	$248,500	3	$21,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Auditorium								
Cast in Place Concrete	3%	Now	$35,900	LIFE	* *	5	$46,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2040	* *	5	$35,100	
Quarry Tile	3%	2-4	$77,500	2044	* *	5	$15,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Sheet Vinyl/Rubber	5%	0-2	$46,000	2036	* *	5	$26,300	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Slate	5%			LIFE	* *	5	$37,300	
Terrazzo	5%	4+	$65,700	LIFE	* *	5	$27,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : First Floor Hallway								
Other Observation, Extent : Light, Area Affected : 2%								
Location : First Floor Hallway								
Explanation : Misalignment Was Patched In 1978 Which Is Starting To Wear And Will Need To Be Repaired Again								
Vinyl Tile	67%	0-2	$260,100	2026	$13,003,200	3	$176,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	5%			2036	* *	3	$17,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	12%	2-4	$530,300	LIFE	* *			
Efflorescence, Extent : Moderate, Area Affected : 2%								
Location : Sub-basement								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Sub-basement								
Water Penetration, Extent : Moderate, Area Affected : 4%								
Location : Sub-basement								
Ceramic Tile	3%	0-2	$19,200	2034	* *	5	$8,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	12%	2-4	$131,100	LIFE	* *	5	$27,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Operable Wall	2%	Now	$270,700	2041	* *	5	$20,300	
Unit Inoperable, Extent : Moderate, Area Affected : 60%								
Location : Auditorium And Boys Gymnasium								
Travertine Panels	3%	2-4	$106,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Terrazzo Panels								
Plaster	40%	0-2	$113,100	LIFE	* *	5	$69,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plywood/Hardboard	2%	0-2	$3,500	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	23%	2-4	$240,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	3%			LIFE	* *	5	$69,700	

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DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$45,200	2044	* *	5	$35,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	10%	Now	$22,600	2036	* *	5	$43,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	20%	0-2	$421,100	LIFE	* *	5	$22,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	15%			LIFE	* *			
Plaster	45%	Now	$192,300	LIFE	* *	5	$197,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : At 3rd Floor Expansion Joints								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	1%	2-4	$300	2066	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Southwest Wall								
Chain Link	55%			2051	* *			
Concrete Masonry Unit	4%	Now	$6,900	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Wall Cap								
Graffiti, Extent : Moderate, Area Affected : 1%								
Location : Southwest Wall								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Southwest Wall								
Explanation : Peeling Paint								
Iron Picket	40%			2066	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2066	* *			
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$172,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	25%	0-2	$47,700	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Vegetation Growth								
Cast in Place Concrete	70%	2-4	$210,700	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pavers/Stone	5%	Now	$12,000	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	0-2	$236,800	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Activity Yard								
Asphalt	100%			2040	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2041	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electric Service Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	80%			2041	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 1,000 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2044	* *	5	$1,600	
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5	$1,800	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$1,000	
Molded Case Bkrs	90%			2039	* *	5	$10,100	
Wiring								
Thermoplastic	20%			2041	* *	1		
Thermoplastic	80%			2031	$1,078,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2029	$544,300	5	$2,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$26,800	1	$131,400	
Generators								
Natural Gas	100%	0-2	$138,700	2046	* *	1	$148,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Generator Room								
Explanation : The Engine Is 55 Kilowatt Gas Fueled Obsolete Generator Which Is Undersized To Supply This Large Facility.								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$15,800	
Lighting								
Interior Lighting								
Fluorescent	35%			2031	$2,227,800	10	$137,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	$318,300	10	$19,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Auditorium								
LED	60%			2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms, Hallways, Gymnasium, Main Entrance								
Explanation : Four Years Ago Classroom, Corridors, Main Corridor And Gymnasium Were Provided With LED Lighting Fixtures.								
Egress Lighting								
Emergency, Service	40%			2031	$105,200	1		
Emergency, Battery	10%			2031	$71,700	10	$10,300	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	50%			2031	$996,200	10	$700	
HID	50%			2026	$996,200	10	$700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$31,900	

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DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2026	$440,600	1-3	$105,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : Fire Alarm Requires Frequent Maintenance And Trouble Shooting To Fix Frequent Malfunctioning.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2041	* *	5	$132,300	
No. 4 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : In Vault								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 20,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2029	$3,721,800	1	$422,900	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$68,400	2031	$3,419,300			
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Multiple Locations Throughout								
Terminal Devices								
Air Handler	30%			2026	$2,410,600	1	$79,200	
Convector/Radiator	70%			2029	$2,444,200	1	$96,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	2%			2031	$93,600	2	$500	
Split Unit	3%			2031	$304,200			
Window/Wall Unit	90%			2026	$1,455,900	1		
No Component	5%							
Distribution								
Ductwork/Diffusers	2%			LIFE	* *	2	$11,100	
No Component	98%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$238,100	
Exhaust Fans								
Interior	30%			2026	$568,100	2	$3,900	
Roof	70%	Now	$116,000	2026	$580,000	2	$7,300	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2029	$5,451,200	1		
HW Heat Exchanger								
Steam Fired	100%	Now	$413,000	2041	* *	4	$42,200	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : One Unit In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$30,100	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	Now	$85,500	2041	* *	4	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Temporary Non-Commercial Unit In Use								
Sewage Ejector(s)								
Electric	50%			2026	$111,800	4	$8,500	
Electric	50%			2036	* *	4	$12,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2041	* *	1-2	$23,900	
Chemical System								
No Component	98%							
Generic	2%			2029	$1,600	1-3	$1,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **TOWNSEND HARRIS H. S. - Q**		
Address	: **149-11 MELBOURNE AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q515**
Program / Asset #	: **BOE0991.000 / 4482**	**Yr Built/Renovated**	: **1995 / 2014**
Area Sq Ft	: **175,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6,Ph**		
Block	: **6507** **Lot** : **100**	**BIN**	: **4141869**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$723,500	$241,200
Interior Architecture	$94,400	$252,800
Electrical	$237,200	$6,104,300
Mechanical		$12,432,200
Total	**$1,055,200**	**$19,030,600**
Importance Code A	$723,500	$292,600
Importance Code B	$331,700	$18,646,200
Importance Code C		$91,800
Total	**$1,055,200**	**$19,030,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$71,500	$97,500		
Interior Architecture	$43,800		$239,100	$21,400
Electrical	$25,600	$44,100	$21,000	$23,300
Mechanical	$207,900	$102,100	$131,000	$72,700
Site Enclosure	$1,200			
Site Pavements	$46,100			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$407,800**	**$255,500**	**$403,000**	**$129,200**
Importance Code A	$88,800	$115,200	$17,300	$17,300
Importance Code B	$280,300	$140,300	$385,600	$111,900
Importance Code C	$38,700			
Total	**$407,800**	**$255,500**	**$403,000**	**$129,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	75%	Now	$259,600	LIFE	* *	5	$60,500	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 40%								
Location : Expansion Joints, Window Seal								
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Throughout, Rear Of Building								
Metal Panel	20%			2050	* *	5-10	$177,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$21,000	
Windows								
Aluminum	90%	Now	$463,900	2038	* *	5	$24,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 75%								
Location : Various Locations								
Unit Inoperable, Extent : Severe, Area Affected : 75%								
Location : Throughout - Windows Screwed Shut								
Glass Block	5%			LIFE	* *	5	$1,700	
Metal Louvers	5%			2039	* *	10	$16,900	
Parapets								
Concrete Masonry Unit	85%	Now	$48,900	LIFE	* *	5	$8,900	
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Interior Of Parapets And Underside Of Coping								
Metal Panel	5%			2050	* *	5	$1,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$5,800	
Roof								
IRMA/Protected Membrane	60%			2035	* *	10	$48,200	
Metal Panel	35%			2043	* *	10	$51,500	
Skylight, Metal/Glass	5%	Now	$22,600	2050	* *			
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : North Side And Above Lecture Hall Room 643								
Soffits								
Stucco Cement	100%			2043	* *	5	$12,300	
Interior								
Floors								
Carpet	5%			2026	$232,600	3	$19,700	
Cast in Place Concrete	10%			LIFE	* *	5	$57,500	
Ceramic Tile	5%			2039	* *	5	$13,200	
Quarry Tile	5%			2043	* *	5	$19,700	
Vinyl Tile	65%	Now	$94,400	2035	* *	3	$64,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridors, 2nd Floor And Cafeteria								
Wood	10%			2058	* *	5	$49,300	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	6%			LIFE	* *			
Ceramic Tile	5%			2039	* *	5	$19,100	
Concrete Masonry Unit	60%			LIFE	* *	5	$91,800	
Gypsum Board	15%			LIFE	* *	5	$34,400	
Metal Panel	2%	Now	$7,900	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Rear Wall - Auditorium								
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	2%			LIFE	* *	5	$30,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Wood Paneling								
Ceilings								
AcousTileConcealSpLn	55%			2043	* *	5	$103,500	
AcousTileSusp.Lay-In	23%			2043	* *	5	$34,600	
Exposed Struc: Steel	7%			LIFE	* *			
Gypsum Board	15%	Now	$19,800	LIFE	* *	5	$28,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Dressing Room, Gymnasium Near Glass Block Windows, Sixth Floor Classrooms								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	2-4	$1,200	2065	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Base Of Perimeter Railings								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$26,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 149th Street, Melbourne Ave								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$20,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Melbourne Ave								
Activity Yard								
Pavers/Stone	100%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2030	$51,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere, Two 1,600 Ampere, One 2,000 Ampere And One 1,200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	60%			2028	$16,000	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,500 Kilovolt-ampere, 208 Pri 480/277sec								
Dry Type	40%			2028	$10,700	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 112 Kilovolt-ampere And One 75 Kilovolt-ampere 480hv - 208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2030	$325,100	5	$800	
Raceway								
Conduit	100%			2030	$337,100	1		
Panelboards								
Fused Disc Sw	10%			2029	$33,900	5	$400	
Molded Case Bkrs	90%			2029	$305,400	5	$4,100	
Wiring								
Thermoplastic	100%			2030	$449,200	1		
Motor Controllers								
Locally Mounted	10%			2028	$18,100	5	$100	
Motor Control Center	90%			2028	$654,400	5	$4,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	$26,800	1	$53,800	
Generators								
Diesel	100%			2026	$138,700	1	$67,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : One 600 Kilowatt								
Batteries								
Nickel Cadmium	100%			2025	$2,500	5	$39,000	

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DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2029	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : One 50 Gallons								
Main Tank	50%			2033	$38,400	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2030	$2,478,300	10	$152,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2030	$62,200	10	$200	
Incandescent	2%			2030	$97,000	2	$100	
Egress Lighting								
Emergency, Service	55%			2030	$59,300	1		
Emergency, Battery	5%			2030	$14,700	10	$2,100	
Exit, Service	40%			2030	$30,200	1		
Exterior Lighting								
HID	100%			2030	$816,600	10	$500	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2045	* *	5	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$98,600	1	$19,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Exit Doors And Some Offices								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2030	$316,000	1-3	$77,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank 5,000 Gallon Capacity, No.2 Oil								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$173,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$28,000	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Building Management System								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Terminal Devices								
Air Handler	70%			2030	$2,305,300	1	$75,800	
Convector/Radiator	5%			2035	* *	1	$2,800	
Fan Coil Unit/Heat	25%			2030	$1,084,700	1	$14,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2033	$3,568,100	1	$189,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Penthouse								
Explanation : 2 Units. No.1 Unit Has Electrical Defect.								
Distribution								
CW & CHW Wtr Pipe/Pump	100%	0-2	$14,100	2040	* *	4	$8,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement And Penthouse.								
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$3,395,600	1	$108,200	
Heat Rejection								
Water Cooling Tower	100%	0-2	$17,700	2028	$883,900	2	$140,900	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Penthouse								
Ventilation								

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DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	30%	0-2	$46,100	LIFE	* *	2-5	$29,300	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Explanation : Dampers Are Not Working								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$68,300	
Exhaust Fans								
Interior	100%			2030	$776,100	2	$5,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	70%			2024	$12,000	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Gas Fired	30%			2029	$5,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	25%	0-2	$11,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 3%								
Location : Kitchen								
Cast Iron	75%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$35,000	4	$3,700	
Sewage Ejector(s)								
Electric	100%	Now	$1,800	2030	$91,600	4	$7,000	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Basement								
Explanation : Check Valve Not Working								
Backflow Preventer								
Generic	100%			2030	$78,200	1	$10,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 6th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$88,200	

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DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2040	* *	1-2	$49,000	
Fire Pump								
Generic	100%			2033	$167,100	1	$32,700	
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)**
Address : **200 MONROE ST. @MONTGOMERY ST.**
Borough : **MANHATTAN**
Agency's Number : **M446**
Program / Asset # : **BOE0125.000 / 1620**
Yr Built/Renovated : **1904 / 2013**
Area Sq Ft : **67,200**
Project Type : **EDUCATION**
Date of Survey : **25-Nov-2019**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **259** **Lot** : **44** **BIN** : **1003214**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$205,700	$133,400
Interior Architecture	$2,808,800	$59,200
Electrical		$299,500
Mechanical	$323,700	$2,102,300
Total	**$3,338,300**	**$2,594,500**
Importance Code A	$205,700	$719,100
Importance Code B	$3,132,500	$1,875,300
Total	**$3,338,300**	**$2,594,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			$65,300	
Interior Architecture	$44,200		$1,900	$10,800
Electrical	$43,600	$2,300	$11,000	$2,800
Mechanical	$71,800	$8,900	$38,700	$8,900
Site Pavements	$1,700			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$166,300**	**$16,100**	**$121,800**	**$27,400**
Importance Code A	$29,300	$6,700	$72,100	$6,700
Importance Code B	$132,400	$9,400	$49,700	$20,800
Importance Code C	$4,700			
Total	**$166,300**	**$16,100**	**$121,800**	**$27,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)
Asset # : 1620

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$69,400	
Copper/Terne	5%			2066	* *	10	$10,400	
Masonry: Brick	72%			LIFE	* *	5	$64,000	
Painted Surfaces, Extent : Light, Area Affected : 50%								
Location : South And West Elevations								
Masonry: Granite	3%			LIFE	* *	5	$2,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Stucco Cement	5%			2036	* *	5	$11,100	
Windows								
Aluminum	100%	Now	$205,700	2047	* *	5	$10,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$9,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Temporary Chain Link Fence Barrier Installed								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Roof								
Modified Bitumen	98%			2036	* *	10	$49,300	
Skylight, Metal/Glass	2%			2041	* *	10	$3,400	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$15,300	
Ceramic Tile	3%			2027	$168,700	5	$3,000	
Vinyl Tile	75%	Now	$41,300	2036	* *	3	$28,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rooms 502, 504 And Kitchen Area On 1st Floor								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	15%			2026	$2,640,100	3	$5,600	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,800	
Glass: Single Pane	5%			LIFE	* *	5	$4,400	
Masonry: Brick	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$28,000	
Ceilings								
Exposed Struc: Concrete	5%			LIFE	* *	5	$800	
Plaster	95%			LIFE	* *	5	$59,200	
Site Enclosure								

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DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2051	* *			
Retaining Walls								
Masonry: Brick	100%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2036	* *			
On-Site Walkways								
Cast in Place Concrete	65%			2036	* *			
Masonry: Granite	35%	Now	$1,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs At Entries								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 1,600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2051	* *	5	$1,800	
Raceway								
Conduit	70%			2031	$101,200	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	95%			2047	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	$83,600	5	$300	
Locally Mounted	30%	2-4	$21,500	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

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DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%	4+	$20,000	2036	* *			
Inadequate Lighting Level, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$8,100	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2031	$62,700	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof And Outside Perimeter								
Explanation : Operated Via Timer								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	$52,000	1-3	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Gas Service Not In Use								

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DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$29,300	2029	$585,700	1	$59,900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Rear Of Boiler No.1								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$10,800	2031	$538,100			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Radiators And Boiler Room								
Explanation : Ineffective System Venting Causing Boiler Make-up System To Malfunction.								
Terminal Devices								
Convector/Radiator	100%			2029	$549,500	1	$21,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Defective Climate Control								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2026	$229,100	1		
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Two Gas-fired Rooftop Heating And Cooling Units Slated To Serve Half Of The 1st, 2nd And 3rd Floors Have Never Been Placed Into Service.								
Ventilation								
Distribution								
Ductwork/Diffusers	50%	4+	$29,500	LIFE	* *	2-5	$18,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Not In Use For Years, Extensive Cleaning Required								
No Component	50%							
Exhaust Fans								
Roof	10%			2026	$13,000	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	* *	1		
Galvanized Steel	50%			2029	$428,900	1		
Water Heater With Tanks								
Electric	100%			2026	$94,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units. 40 Gallon Unit For Kitchen And 70 Gallon Unit For General Purpose.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	$13,500	4	$1,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement To 5th Floor							
	Explanation : One Unit							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2031	$27,900	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)**			
Address	:	**283 ADAMS STREET @JOHNSON ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K313**
Program / Asset #	:	**DGS0022.000 / 2047**	**Yr Built/Renovated**	:	**1955 / 2008**
Area Sq Ft	:	**124,724**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**21-Apr-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5,6,Ph**			
Block	:	**140** **Lot** : **10**	**BIN**	:	**3331741**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$121,700	$653,600
Interior Architecture		$276,400
Electrical	$114,400	
Mechanical		$81,600
Total	**$236,100**	**$1,011,600**
Importance Code A	$121,700	$653,600
Importance Code B	$114,400	$132,900
Importance Code C		$225,100
Total	**$236,100**	**$1,011,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				$86,100
Interior Architecture	$50,700	$28,500	$52,400	$4,700
Electrical	$17,100	$19,600	$21,800	$17,700
Mechanical	$40,600	$39,900	$37,100	$73,600
Site Pavements	$15,500			
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$135,600**	**$99,800**	**$123,100**	**$193,900**
Importance Code A	$6,200	$6,200	$6,200	$92,500
Importance Code B	$114,000	$93,600	$69,300	$101,400
Importance Code C	$15,500		$47,700	
Total	**$135,600**	**$99,800**	**$123,100**	**$193,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	10%			2052	* *	5-10	$76,800	
Granite Panels	10%			LIFE	* *	5	$8,400	
Pre-Cast Concrete	77%			LIFE	* *	5	$279,700	
Window Wall	3%			2052	* *	5	$12,600	
Windows								
Aluminum	95%	0-2	$121,700	2048	* *	5	$25,500	
Weather Strip Missing, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Metal Louvers	5%			2041	* *	10	$16,800	
Parapets								
Concrete Masonry Unit	30%			LIFE	* *	5	$4,400	
Metal Panel	35%			2052	* *	5	$17,800	
Pre-Cast Concrete	35%			LIFE	* *	5	$28,900	
Roof								
Built-Up (BUR)	50%			2032	$318,000	10	$27,200	
Metal Panel	50%			2037	* *	10	$49,900	
Soffits								
Cast Stone/Terra Cotta	70%			LIFE	* *	5		
Marble Panels	30%			LIFE	* *	5		
Interior								
Floors								
Carpet	5%	0-2	$16,500	2031	$165,100	3	$14,000	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Library								
Cast in Place Concrete	10%			LIFE	* *	5	$40,800	
Ceramic Tile	5%			2041	* *	5	$9,300	
Quarry Tile	2%			2045	* *	5	$5,600	
Terrazzo	20%			LIFE	* *	5	$29,200	
Vinyl Tile	50%			2037	* *	3	$35,000	
Wood	8%			2060	* *	5	$28,000	
Interior Walls								
Ceramic Tile	25%			2041	* *	5	$95,400	
Concrete Masonry Unit	12%			LIFE	* *	5	$18,300	
Gypsum Board	45%			LIFE	* *	5	$103,000	
Marble Panels	10%			LIFE	* *			
Wood	8%			LIFE	* *	5	$122,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%	Now	$34,100	2045	* *	5	$51,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Room 549								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Rooms 503, 549 And B53								
Exposed Struc: Concrete	15%			LIFE	* *	5	$4,400	
Exposed Struc: Steel	7%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$46,700	
Metal Panel	3%			LIFE	* *	5	$7,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$1,300	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Ramp At Adams Street								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$14,200	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Delivery Area. West Side Of Building								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 3,000 Amperes And 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$400	
Molded Case Bkrs	85%			2048	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2045	* *	5	$400	
Variable Frequency Drive	50%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$38,400	
Generators								
Diesel	100%			2041	* *	1	$48,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 300 Kilowatts								
Batteries								
Lead/Acid	100%			2026	$2,500	5	$4,600	
Fuel Storage								
Main Tank	100%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2037	* *	10	$108,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2037	* *	10	$5,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, LED	45%			2060	* *	1		
Exit, Service	5%			2037	* *	1		
Exterior Lighting								
HID	30%			2037	* *	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	$14,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2037	* *	1-3	$76,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	60%			2037	* *	1	$37,000	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Roof								
Explanation : 4 Packaged Rooftop Units With Gas Furnace								
Hot Water Boiler	40%			2045	* *	1	$24,700	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	40%	0-2	$5,500	2040	* *	4	$2,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room. Leaking Via Nipple At Boiler Header								
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement								
Explanation : Dual Temperature Pumping System								
No Component	60%							
Terminal Devices								
Air Handler	5%			2037	* *	1	$3,900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : Unit Serves Kitchen And Cafeteria								
Fan Coil Unit/Heat	35%			2037	* *	1	$14,100	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2037	* *	1	$23,100	
	Other Observation, Extent : Light, Area Affected : 40%							
	Location : Roof							
	Explanation : Multistacks Packaged Air Cooled Chiller. R-407c.							
Ext Pkg Unit - Heating/Cooling	60%			2037	* *	2	$4,600	
	Other Observation, Extent : Light, Area Affected : 60%							
	Location : Roof							
	Explanation : 4 Package Rooftop Units With Gas Furnace. R-410a							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2052	* *	4	$3,700	
No Component	60%							
Terminal Devices								
Fan Coil - 4 Pipe	40%			2037	* *	1	$16,100	
	Other Observation, Extent : Light, Area Affected : 40%							
	Location : Throughout Classrooms							
	Explanation : Dual Temperature Unit Ventilators							
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2037	* *	2	$34,700	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,500	
Exhaust Fans								
Roof	100%			2037	* *	2	$3,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2037	* *	4	$4,000	
Sewage Ejector(s)								
Electric	100%			2037	* *	4	$7,400	
Backflow Preventer								
Generic	100%			2037	* *	1	$7,600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Unit From Basement To 6th Floor, 1 Unit From 1st To 6th Floor								
Explanation : 2 Units. Each Elevator Has Two Cab Doors								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$62,900	
Sprinkler								
Generic	100%			2052	* *	1-2	$34,900	
Fire Pump								
Generic	100%			2041	* *	1	$23,300	
Chemical System								
Generic	100%			2030	$81,600	1-3	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M**			
Address	:	**26 BROADWAY @ BOWLING GREEN**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**LEASE-M282**
Program / Asset #	:	**BOE1061.000 / 14374**	**Yr Built/Renovated**	:	**1923 / 2010**
Area Sq Ft	:	**118,188**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**26-Nov-2018**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Floors 1,5,7**			
Block	:	**22** **Lot** : **13**	**BIN**	:	**1000811**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture	$79,600	$157,000
Mechanical		$209,700
Total	**$79,600**	**$366,700**
Importance Code B	$79,600	$366,700
Total	**$79,600**	**$366,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Interior Architecture	$7,600	$5,500	$6,600	
Electrical	$31,500	$23,500	$5,500	$3,300
Mechanical	$39,200	$36,400	$75,700	$20,800
Elevators/Escalators	$41,400	$41,400	$41,400	$41,400
Total	**$119,700**	**$106,800**	**$129,300**	**$65,600**
Importance Code A	$5,800	$6,100	$5,800	$5,800
Importance Code B	$110,700	$100,800	$123,500	$59,700
Importance Code C	$3,100			
Total	**$119,700**	**$106,800**	**$129,300**	**$65,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M

Asset # : 14374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2029	$156,400	3	$13,300	
Cast in Place Concrete	5%			LIFE	* *	5	$19,300	
Ceramic Tile	5%			2039	* *	5	$8,800	
Quarry Tile	5%			2043	* *	5	$13,300	
Sheet Vinyl/Rubber	60%			2035	* *	5	$159,200	
Terrazzo	5%			LIFE	* *	5	$6,900	
Traffic Topping	5%			2035	* *	5	$11,100	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Gymnasium							
	Explanation : This Is Actually A Fluid Applied Epoxy Floor Finish							
Vinyl Tile	10%			2035	* *	3	$6,600	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$6,300	
Gypsum Board	40%			LIFE	* *	5	$30,100	
Mosaic Tile	5%			LIFE	* *			
Granite Panels	20%			LIFE	* *			
Marble Panels	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	42%			2043	* *	5	$74,300	
Gypsum Board	35%			LIFE	* *	5	$77,400	
Metal Panel	3%			LIFE	* *	5	$6,600	
Plaster	20%			LIFE	* *	5	$22,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$500	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Schools Occupy 1, 2, 4, 5, 6, And 7th Floors							
	Explanation : One 6,000, One 3,000, One 1,200 Ampere Main Switches							
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$500	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$800	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M

Asset # : 14374

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	80%	Now	$28,200	2035	* *			
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 50%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 50%								
Location : Throughout The Area								
Daylight Sensors Malfunctioing, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Fluorescent	5%			2035	* *	10	$5,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	15%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : LED Fixtures								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$14,300	
Exit, Service	50%			2035	* *	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$13,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *	1-3	$21,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Area								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : This Is A Leased Facility In A Privately Owned Office Building - Steam Comes From Boilers Belonging To The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M

Asset # : 14374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%			2039	* *	1	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : 2 Units Convert Steam To Hot Water								
Distribution								
Hot Wtr Piping/Pump	90%			2046	* *	4	$5,200	
Steam Piping/Pump	10%			2050	* *			
Terminal Devices								
Air Handler	40%			2035	* *	1	$29,200	
Convector/Radiator	20%			2043	* *	1	$7,600	
Fan Coil Unit/Heat	40%			2035	* *	1	$15,300	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Chilled Water Provided By The Building								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$153,800	
Terminal Devices								
Air Handler/Cool/Ht	40%	Now	$18,300	2035	* *	1	$26,300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Mechanical Building Controls								
Fan Coil - 4 Pipe	60%			2035	* *	1	$22,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,900	
Exhaust Fans								
Interior	40%			2030	$209,700	2	$1,400	
Not Accessible	60%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : House Exhaust Belongs To The Building								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater With Tanks								
Electric	100%	Now	$500	2028	$23,600	4		
Broken, Extent : Severe, Area Affected : 30%								
Location : 1st And 7th Floor								
Sanitary Piping								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M

Asset # : 14374

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 20th Floor								
Explanation : 6 Units Which Are Property Of The Building. 1 Is Broken								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$59,600	
Sprinkler								
Generic	100%			2050	* *	1-2	$33,100	
Fire Pump								
Not Accessible	100%							
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : 1st To 5th Floor								
Explanation : Kitchen Hoods								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	:	**VAN ARSDALE HIGH SCHOOL - BK**			
Address	:	**257 NORTH 6TH ST. BTWN: HAVEMEYER ST., ROEBLING ST**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K650**
Program / Asset #	:	**BOE0652.000 / 1213**	**Yr Built/Renovated**	:	**1903 / 1998**
Area Sq Ft	:	**187,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**26-Feb-2019**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,5**			
Block	:	**2330** **Lot** : **11**	**BIN**	:	**3062135**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$247,300	$288,600
Interior Architecture	$14,886,500	$818,500
Electrical	$994,400	$1,676,900
Mechanical	$2,020,700	$4,556,700
Site Pavements		$69,100
Total	**$18,148,900**	**$7,409,900**
Importance Code A	$1,276,600	$288,600
Importance Code B	$16,782,100	$7,052,200
Importance Code C	$90,100	$69,100
Total	**$18,148,900**	**$7,409,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$17,600		
Interior Architecture		$23,600		$15,300
Electrical	$13,500	$21,600	$3,700	$4,200
Mechanical	$75,300	$72,700	$50,200	$26,600
Site Enclosure	$15,600			
Site Pavements	$3,500			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$117,800**	**$145,500**	**$63,800**	**$55,900**
Importance Code A		$36,100	$18,500	$18,500
Importance Code B	$114,300	$102,700	$45,300	$37,400
Importance Code C	$3,500	$6,600		
Total	**$117,800**	**$145,500**	**$63,800**	**$55,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$88,700	
Glazed Ceramic Panel	2%			LIFE	* *	5	$21,300	
Masonry: Brick	30%			LIFE	* *	5	$68,100	
Painted Surfaces, Extent : Moderate, Area Affected : 15% *Location : West Elevation Of 1903 Wing* *Recent Repair Evident, Extent : N/A, Area Affected : 25%* *Location : 1903 Wing*								
Masonry: Brick Cavity	58%			LIFE	* *	5	$131,700	
Recent Repair Evident, Extent : N/A, Area Affected : 25% *Location : Throughout 1957 Wing*								
Masonry: Limestone	5%			LIFE	* *	5	$8,500	
Windows								
Aluminum	90%	4+	$116,400	2038	* *	5	$24,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25% *Location : Throughout*								
Fiberglass Panel	10%			2038	* *	5	$20,400	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$19,200	
Metal Rail	10%			2043	* *	5-10	$43,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$15,100	
Roof								
Copper/Terne	5%			2045	* *	10	$17,600	
Modified Bitumen	93%			2035	* *	10	$130,900	
Recent Installation, Extent : N/A, Area Affected : 50% *Location : Various Roofs*								
Skylight, Metal/Glass	2%			2040	* *	10	$9,400	
Soffits								
Metal Panel	50%			2040	* *	5-10		
Stucco Cement	50%			2035	* *	5		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,800	
Ceramic Tile	5%			2033	$767,500	5	$13,600	
Terrazzo	5%			LIFE	* *	5	$10,600	
Vinyl Tile	45%	Now	$169,200	2035	* *	3	$45,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Auditorium, Classrooms, Corridors, 1903 Wing								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria, 1st Floor Corridor								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Auditorium, Classrooms, Corridors, 1903 Wing								
Vinyl Tile 9" X 9"	30%			2025	$14,414,600	3	$30,600	
Wood	10%	4+	$81,200	2045	* *	5	$25,500	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%	Now	$90,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Various Locations, Basement - Havemeyer Street Facade								
Operable Wall	2%			2040	* *	5	$13,300	
Plaster	63%			LIFE	* *	5	$35,800	
SGFT/Glazed Masonry	20%			LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Corridors/ Stairs								
Ceilings								
AcousTile,Adhered	30%	Now	$131,400	2035	* *	5	$40,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileSusp.Lay-In	5%			2035	* *	5	$13,600	
Exposed Struc: Concrete	30%			LIFE	* *	5	$12,800	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Metal Panel	5%			LIFE	* *	5	$17,000	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : 1903 Wing								
Plaster	30%			LIFE	* *	5	$51,000	
Site Enclosure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Retaining Walls								
Cast in Place Concrete	80%	Now	$15,600	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Area								
Masonry: Fieldstone	20%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	90%	Now	$3,500	2033	$69,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Parking Area								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Parking Area								
Cast in Place Concrete	10%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$51,400	2060	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Ratings Available. Obsolete Equipment								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$325,100	2060	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2030	$303,400	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$67,900	2055	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	70%			2029	$237,500	5	$3,400	
Molded Case Bkrs	10%			2046	* *	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$314,500	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2030	$89,800	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$1,000	
Locally Mounted	20%			2028	$36,300	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$154,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : T-12 Lamps Type Fixtures Replaced With T-8 Lamps Type Fixtures In 2017.								
Incandescent	1%			2025	$51,800	2		
LED	9%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium, Gymnasium								
Explanation : LED Light Fixtures Were Installed In 2017.								
Egress Lighting								
Emergency, Battery	40%			2035	* *	10	$18,100	
Exit, Service	60%			2035	* *	1		
Exterior Lighting								
HID	10%			2025	$87,300	10	$100	
HID	90%			2030	$785,300	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$70,200	1	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV And Intrusion Alarm. The CCTV Is Scheduled To Be Replaced In About A Month.								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$96,500	2040	* *	1-3	$20,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : The Fire Alarm System Works, But It Is An Obsolete System That Is Frequently Breaking Down.								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2030	$434,800	5	$57,900	
Conversion Equipment								
Steam Boiler	100%	0-2	$978,000	2050	* *	1	$166,700	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Pneumatic Controls In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$29,900	2030	$1,497,500			
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Vacuum Pump								
On Extended Life, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Vacuum Pump								
Terminal Devices								
Air Handler	20%			2035	* *	1	$23,100	
Convector/Radiator	80%			2035	* *	1	$48,300	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%			2035	* *			
Window/Wall Unit	60%			2025	$425,000	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,300	
Exhaust Fans								
Interior	60%			2025	$497,600	2	$3,400	
Roof	40%			2030	$145,100	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$120,100	2030	$2,401,700	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Water Main And Throughout Basement								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
HW Heat Exchanger								
Steam Fired	100%			2050	* *	4	$18,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$37,400	2040	* *	4	$4,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Sub-basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : One Passenger Unit From Basement To 5th Floor, One Broken Freight Unit From Basement To 1st Floor								
Explanation : 2 Units But One Unit Is Broken								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2030	$77,600	1-2	$1,600	
Chemical System								
No Component	98%							
Generic	2%			2028	$1,600	1-3	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **VARIABLE ALTERNATIVE H.S. - BK**		
Address	: **832 MARCY AVE BTWN: MADISON ST., PUTNAM AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K458**
Program / Asset #	: **BOE0632.000 / 2707**	**Yr Built/Renovated**	: **1891 / 2010**
Area Sq Ft	: **185,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-May-2019**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4,5**		
Block	: **1823** **Lot** : **38**	**BIN**	: **3051641**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$878,300	$580,600
Interior Architecture	$396,700	$1,519,200
Electrical	$144,200	
Mechanical	$614,100	$1,671,800
Total	**$2,033,300**	**$3,771,700**
Importance Code A	$878,300	$580,600
Importance Code B	$1,100,100	$2,050,400
Importance Code C	$54,900	$1,140,700
Total	**$2,033,300**	**$3,771,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$116,400			$18,300
Interior Architecture	$246,700			$13,600
Electrical	$14,200	$39,100	$16,600	$14,200
Mechanical	$43,600	$62,900	$60,300	$37,600
Site Enclosure	$17,500			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$448,300**	**$111,900**	**$86,800**	**$93,700**
Importance Code A	$134,700	$18,700	$18,300	$36,600
Importance Code B	$153,200	$93,100	$68,400	$57,000
Importance Code C	$160,300			
Total	**$448,300**	**$111,900**	**$86,800**	**$93,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$177,400	
Masonry: Brick	70%	4+	$286,700	LIFE	* *	5	$159,000	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Masonry: Brownstone	15%			LIFE	* *	5	$25,600	
Metal Panel	5%	2-4	$16,500	2050	* *	5	$21,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Base Of Metal Panel								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	5%			2052	* *	5	$2,700	
Steel	5%			2052	* *	5	$33,900	
Wood	90%			2052	* *	5	$488,400	
Parapets								
Cast Stone/Terra Cotta	15%	2-4	$44,800	LIFE	* *	5	$27,900	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	85%	2-4	$82,000	LIFE	* *	5	$20,400	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Roof								
Asphalt Shingle	45%	2-4	$18,700	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Clay Tile	20%	4+	$36,400	2050	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2058	* *	10	$17,600	
Modified Bitumen	15%	Now	$252,800	2040	* *			
Blisters, Extent : Severe, Area Affected : 35%								
Location : Life Center								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Life Center								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Life Center								
Modified Bitumen	15%	2-4	$12,600	2038	* *			
Alligatoring, Extent : Moderate, Area Affected : 10%								
Location : Uppermost Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
Cast in Place Concrete	25%	2-4	$126,800	LIFE	* *		5	$148,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Terrazzo	5%	2-4	$27,900	LIFE	* *		5	$10,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Vinyl Tile	40%	2-4	$65,900	2035	* *		3	$40,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Wood	30%			2045	* *		5	$153,100	
Interior Walls									
Cast in Place Concrete	5%	Now	$39,400	LIFE	* *				
Repairs in Progress, Extent : N/A, Area Affected : 10%									
Location : Sub-basement Level									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Sub-basement Level									
Ceramic Tile	10%	2-4	$22,800	2033		$1,140,700	5	$9,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Concrete Masonry Unit	5%			LIFE	* *		5	$3,800	
Gypsum Board	15%	2-4	$8,700	LIFE	* *		5	$17,000	
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : 5th Floor Classroom									
Masonry: Brick	4%	Now	$31,600	LIFE	* *				
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Brick	6%			LIFE	* *				
Marble Panels	5%	Now	$54,900	LIFE	* *				
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Plaster	40%	2-4	$40,400	LIFE	* *		5	$22,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
SGFT/Glazed Masonry	10%			LIFE	* *				

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2043	* *	5	$13,600	
AcousTileSusp.Lay-In	5%	Now	$5,000	2043	* *	5	$6,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Life Center								
Embossed Metal	25%	2-4	$44,900	LIFE	* *	5	$30,600	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Gypsum Board	25%	Now	$26,100	LIFE	* *	5	$85,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	40%	0-2	$72,500	LIFE	* *	5	$68,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairway								
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	7%	Now	$5,000	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	3%			2065	* *			
Iron Picket	15%	4+	$12,500	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Iron Picket	75%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Asphalt	95%			2043	* *			
Cast in Place Concrete	5%			2047	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Electrical Service Rated At 1,200 And 4,000 Amperes								

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2043	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 At 112.5 Kilovolt-ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$800	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	30%			2046	* *	5	$1,300	
Molded Case Bkrs	70%			2046	* *	5	$3,400	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$56,900	
Generators								
Diesel	100%			2039	* *	1	$71,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 200 Kilowatt Genset								
Batteries								
Nickel Cadmium	100%			2025	$2,700	5	$41,200	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	85%			2035	* *	10	$144,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	15%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Explanation : LED Fixtures Installed In 2018								

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	60%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : LED Fixtures Installed In 2018								
No Component	40%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2045	* *	5	$1,500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$13,800	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No.2 Oil - One 7,750 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$183,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	50%			2035	* *	1	$57,200	
Convector/Radiator	50%			2035	* *	1	$29,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2030	$597,800	1	$17,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof, Compressor / Condenser Unit								
Window/Wall Unit	80%			2025	$614,100	1		
Distribution								
CW & CHW Wtr Pipe/Pump	10%			2040	* *	4	$1,400	
No Component	90%							
Heat Rejection								
Dry Cooler	20%			2030	$186,000	2	$25,800	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$103,200	
Exhaust Fans								
Interior	80%			2030	$718,900	2	$4,500	
Roof	20%			2030	$78,600	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2040	* *	1		
Galvanized Steel	90%			2035	* *	1		
Water Heater With Tanks								
Electric	10%			2024	$2,600	4		
Abandoned in Place, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Gas Fired	90%			2028	$16,800	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units In Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$40,600	4	$3,900	
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$7,400	
Backflow Preventer								
Generic	100%			2030	$90,500	1	$11,300	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement To 5th Floor. Basement To 1st Floor								
Explanation : Two Units - 1 Passenger, 1 Freight								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$93,300	
Sprinkler								
No Component	90%							
Generic	10%			2050	* *	1-2	$5,200	
Chemical System								
No Component	95%							
Generic	5%			2025	$4,500	1-3	$3,700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **WALTON HIGH SCHOOL - BX**
Address : **2780 RESERVOIR AVENUE BET WEST 195 ST AND STRONG ST**
Borough : **BRONX** | **Agency's Number** : **X430**
Program / Asset # : **BOE0325.000 / 355** | **Yr Built/Renovated** : **1932 / 2006**
Area Sq Ft : **241,000** | **Project Type** : **EDUCATION**
Date of Survey : **15-May-2019** | **Landmark Status** : **NONE**
Areas Surveyed : **Floors 1,3**
Block : **3247** **Lot** : **70** **BIN** : **2015241**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$3,045,300	$4,828,500
Interior Architecture	$498,000	$5,186,800
Electrical	$881,500	$3,043,200
Mechanical	$2,338,200	$7,058,700
Total	**$6,763,100**	**$20,117,200**
Importance Code A	$3,045,300	$5,478,700
Importance Code B	$3,511,000	$14,585,900
Importance Code C	$206,800	$52,600
Total	**$6,763,100**	**$20,117,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$27,600	$8,600	$19,600	
Interior Architecture	$82,000			$32,200
Electrical	$34,600	$73,200	$25,200	$24,800
Mechanical	$164,700	$107,400	$52,100	$37,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$316,800**	**$197,000**	**$104,700**	**$102,700**
Importance Code A	$61,700	$35,600	$43,400	$23,900
Importance Code B	$255,100	$161,400	$61,300	$78,800
Importance Code C				
Total	**$316,800**	**$197,000**	**$104,700**	**$102,700**

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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	0-2	$133,700	LIFE	* *	5	$210,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Copper/Terne	2%			2050	* *	10	$12,600	
Masonry: Brick	83%	0-2	$367,500	LIFE	* *	5	$223,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : South Facade								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : All Facades								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$10,100	
Windows								
Aluminum	95%	Now	$2,140,600	2046	* *	5	$74,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Hardware Missing, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$4,900	
Parapets								
Cast Stone/Terra Cotta	3%	4+	$15,000	LIFE	* *	5	$10,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : At Cornice								
Masonry: Brick	90%	0-2	$251,200	LIFE	* *	5	$39,700	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Below Coping, Exterior / Interior Faces								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	7%	0-2	$12,600	LIFE	* *	5	$19,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Roof								
Open Joints, Extent : Moderate, Area Affected : 20%								
Location : Underneath Drip Edge, Coping Stone								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Coping								

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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	68%			2030	$3,776,000	10	$159,600	
Vegetation Growth, Extent : Moderate, Area Affected : 20% *Location : Throughout*								
Metal Panel	2%			2035	* *	10	$8,600	
Modified Bitumen	15%			2030	$384,800	10	$35,200	
Roll Roofing	10%			2026	$152,300	5	$39,100	
Skylight, Metal/Glass	5%			2040	* *	10	$39,100	
Interior								
Floors								
Carpet	2%	Now	$69,000	2032	$138,000	3	$11,700	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5% *Location : Library* *Staining/Discoloring, Extent : Moderate, Area Affected : 20%* *Location : Library* *Worn/Eroded, Extent : Moderate, Area Affected : 30%* *Location : Library*								
Cast in Place Concrete	10%			LIFE	* *	5	$85,400	
Ceramic Tile	10%			2043	* *	5	$39,000	
Terrazzo	5%			LIFE	* *	5	$15,200	
Horizontal Cracks, Extent : Light, Area Affected : 15% *Location : 1st Floor*								
Vinyl Tile	58%	Now	$125,100	2035	* *	3	$84,900	
Adhesion Failure, Extent : Moderate, Area Affected : 2% *Location : Throughout* *Cracking/Crumbling, Extent : Moderate, Area Affected : 10%* *Location : Throughout* *Uneven Substrate, Extent : Moderate, Area Affected : 5%* *Location : Throughout* *Worn/Eroded, Extent : Moderate, Area Affected : 5%* *Location : Throughout*								
Wood	15%			2033	$3,491,500	5	$109,800	
Worn/Eroded, Extent : Moderate, Area Affected : 5% *Location : Gymnasium*								

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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Ceramic Tile	5%			2043	* *	5	$15,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,400	
Gypsum Board	5%			LIFE	* *	5	$9,600	
Masonry: Brick	10%	2-4	$121,500	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Weight Room								
Metal: Cage/Fence	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : First Floor								
Plaster	55%	Now	$85,400	LIFE	* *	5	$52,600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceilings								
AcousTileConcealSpLn	10%			2028	$628,000	5	$48,800	
AcousTileSusp.Lay-In	10%	0-2	$13,000	2028	$648,900	5	$19,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Exposed Struc: Concrete	5%			LIFE	* *	5	$3,000	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	70%	Now	$166,200	LIFE	* *	5	$170,700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Room B82								
Site Enclosure								
Fence/Gates								
Chain Link	45%			2050	* *			
Iron Picket	55%			2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	85%			2039	* *			
Cast in Place Concrete	15%			2043	* *			
Activity Yard								
Rubber Matting	20%			2035	* *			
Traffic Topping	80%			2035	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2030	$650,200	5	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,500 Ampere And One 1,600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2030	$455,200	5	$700	
Fused Disc Sw	30%			2050	* *	5	$300	
Raceway								
Conduit	95%			2030	$640,600	1		
Conduit	5%			2060	* *	1		
Panelboards								
Fused Disc Sw	10%			2029	$63,900	5	$600	
Molded Case Bkrs	80%			2029	$510,900	5	$5,100	
Molded Case Bkrs	10%			2046	* *	5	$600	
Wiring								
Braided Cloth	55%	2-4	$494,200	2055	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2030	$269,500	1		
Thermoplastic	10%			2050	* *	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	70%			2028	$254,000	5	$1,100	
Locally Mounted	25%			2035	* *	5	$400	
Variable Frequency Drive	5%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	$26,800	1	$74,200	

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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2026	$138,700	1	$93,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room At Roof								
Explanation : One 360 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$8,900	
Fuel Storage								
Day Tank	50%			2029	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallon								
Main Tank	50%			2033	$38,400	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 278 Gallon								
Lighting								
Interior Lighting								
Fluorescent	90%			2038	* *	10	$198,900	
Other Observation, Extent : Light, Area Affected : 94%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2035	* *	10	$11,100	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Throughout The Building								
HID	3%			2035	* *	10	$200	
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	60%			2035	* *	1		
Exit, Service	10%			2035	* *	1		
Exit, Service	30%			2025	$31,200	1		
Exterior Lighting								
HID	20%			2035	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$27,000	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2025	$248,700	1-3	$59,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : TWP 10,000 Gallon Tanks For No. 2 Fuel								
Conversion Equipment								
Steam Boiler	99%			2035	* *	1	$236,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Dual Fuel And 1 Gas Fired For Pool.								
Steam Boiler	1%	Now	$10,500	2035	* *	1	$2,200	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Damaged Fresh Air Intake Dampers Linkage, Defective Boiler Room Space Heater								
Distribution								
Steam Piping/Pump	10%	Now	$115,800	2030	$193,000			
Corroded, Extent : Severe, Area Affected : 30%								
Location : Deteriorating Steam And Condensate Piping In Basement								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Piping In Sub-basement Crawl Space.								
On Extended Life, Extent : Severe, Area Affected : 20%								
Location : Piping Beyond Boiler Room								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : Leaks At Vacuum Pumps								
Steam Piping/Pump	90%			2040	* *			

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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%	Now	$68,000	2025	$680,300	1	$20,100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 3 Units. Basement And First Floor Fan Rooms								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement And First Floor Fan Rooms								
Explanation : Defective Climate Control System For Gymnasium, Auditorium And Cafeteria Units.								
Air Handler	25%			2030	$1,133,800	1	$37,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof And Pool House Roof.								
Explanation : 3 Units Serve Library, Balcony Classroom And Room 248. See Air Conditioning Conversion Equipment. 1 Unit Serves Pool.								
Convector/Radiator	50%	Now	$49,300	2028	$985,400	1	$35,000	
Damaged, Extent : Severe, Area Affected : 10%								
Location : Various Locations With Damaged Danfoss Valves - Valves Do Not Have Protective Guard								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Various Locations With Faulty Thermostatic Steam Traps								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%	Now	$29,900	2025	$597,500	1	$7,000	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2030	$607,400	2	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : 3 Units Serve Library, Balcony Classroom And Room 248								
Split Unit	10%	Now	$171,700	2030	$572,300			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Units Serving Room B92 And B40.								
Window/Wall Unit	50%			2028	$456,500	1		
No Component	25%							
Dehumidifier								
Generic	100%			2034	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool House Roof								
Explanation : New Rooftop Package Pool Dehumidifier And Air Conditioning Unit								
Ventilation								

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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$94,100	
No Component	30%							
Exhaust Fans								
Interior	50%			2025	$534,400	2	$3,700	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement And First Floor Fan Rooms								
Roof	50%			2030	$233,800	2	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Exhaust Fans Serve Science Laboratory Fume Hoods								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2050	* *	1		
Galvanized Steel	90%			2028	$2,769,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Sanitary Piping								
Cast Iron	100%	Now	$60,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 100%								
Location : Piping In Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$42,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 50%								
Location : Area Drain								
Cracked, Extent : Severe, Area Affected : 50%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%			2025	$48,200	4	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								

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DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Pool Filter/Treatment								
Sand	100%	0-2	$109,800	2043	* *	4	$2,000	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Pool Circulating Pump No 2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Pool Equipment Room								
Explanation : Two Pods								
Backflow Preventer								
Generic	100%	2-4	$2,200	2030	$107,600	1	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3 Service Entries. Rusting On Valves And Piping.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2040	* *	1-2	$13,500	
Chemical System								
No Component	98%							
Generic	2%			2025	$1,600	1-3	$1,500	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **WASHINGTON IRVING HIGH SCHOOL -M**		
Address	: **40 IRVING PLACE BTWN: EAST 16 ST., EAST 17 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M460**
Program / Asset #	: **BOE0126.000 / 698**	**Yr Built/Renovated**	: **1913 / 2014**
Area Sq Ft	: **375,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Floors 1,2,3,4**		
Block	: **872** **Lot** : **57**	**BIN**	: **1017828**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$2,645,100	$2,097,600
Interior Architecture	$19,162,500	$3,621,200
Electrical	$699,100	$6,291,300
Mechanical	$5,569,800	$8,202,400
Site Pavements	$82,500	$4,123,100
Total	**$28,159,100**	**$24,335,600**
Importance Code A	$2,870,900	$2,149,000
Importance Code B	$25,138,000	$16,675,300
Importance Code C	$150,200	$5,511,300
Total	**$28,159,100**	**$24,335,600**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$29,100	$69,400		$19,700
Electrical	$21,600	$8,300	$13,300	$7,100
Mechanical	$4,300	$15,800	$58,600	$15,800
Elevators/Escalators	$59,200	$59,200	$59,200	$59,200
Total	**$114,200**	**$152,700**	**$131,100**	**$101,800**
Importance Code A		$400	$11,100	
Importance Code B	$114,200	$152,300	$120,000	$101,800
Importance Code C				
Total	**$114,200**	**$152,700**	**$131,100**	**$101,800**

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$96,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	87%			LIFE	* *	5	$358,700	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$15,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$15,500	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$150,600	
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$55,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Masonry: Limestone	3%			LIFE	* *	5	$2,300	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Pre-Cast Concrete	7%			LIFE	* *	5	$26,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	75%			2025	$2,299,100	10	$197,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Copper/Terne	20%			2033	$1,380,700	10	$131,300	
Skylight, Metal/Glass	5%	Now	$73,800	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Interior								

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$172,500	
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	5%			2033	$1,482,400	5	$26,300	
Cork Tile	2%			2050	* *	5	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 8th Floor Gymnasium								
Explanation : Cork Flooring								
Mosaic Tile	5%			2035	* *	5	$65,700	
Terrazzo	5%			LIFE	* *	5	$20,500	
Traffic Topping	5%			2038	* *	5	$32,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Gymnasium								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Gymnasium								
Explanation : This Is Actually A Fluid Applied Floor Finish System								
Vinyl Tile	10%	Now	$29,100	2035	* *	3	$19,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vinyl Tile 9" X 9"	20%	Now	$371,200	2025	$18,560,900	3	$39,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	33%			2045	* *	5	$325,400	

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	$1,227,900	5	$22,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,900	
Glass: Single Pane	5%	Now	$67,700	LIFE	* *	5	$16,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Stairs								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	5%			LIFE	* *			
Granite Panels	5%			LIFE	* *			
Plaster	3%			LIFE	* *	5	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Lobby								
Explanation : Frescos - Landmarked								
Plaster	50%			LIFE	* *	5	$67,000	
SGFT/Glazed Masonry	17%			LIFE	* *			
Wood	5%			LIFE	* *	5	$89,300	
Ceilings								
AcousTileConcealSpLn	10%			2035	* *	5	$63,900	
Exposed Struc: Concrete	25%			LIFE	* *	5	$20,000	
Plaster	60%			LIFE	* *	5	$191,800	
Wood	5%			LIFE	* *	5	$223,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways								
Pavers/Stone	70%	2-4	$82,500	2033	$4,123,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Steps To Entrances								
Pavers/Stone	30%			2039	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2030	$51,400	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4,500 Amperes								
Under Construction	50%							
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$1,600	

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2050	* *	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$900	
Molded Case Bkrs	90%			2046	* *	5	$8,900	
Wiring								
Braided Cloth	20%	2-4	$179,700	2055	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	80%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$362,900	5	$2,500	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$5,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2030	$5,031,100	10	$309,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Throughout								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout								
Incandescent	5%			2025	$519,500	2	$400	
LED	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Lobby								
Explanation : LED Observed								
Egress Lighting								
Emergency, Battery	50%			2030	$314,700	10	$45,300	
Exit, Service	50%			2030	$80,800	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%	Now	$7,000	2030	$140,800	1	$25,200	
Control Panel Damaged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2035	* *	1-3	$46,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2030	$119,900	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2026	$225,700	5	$22,300	
Distribution								
Steam Piping/Pump	10%			2056	* *			
Steam Piping/Pump	90%	4+	$810,800	2040	* *			
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Terminal Devices								
Air Handler	30%	4+	$846,800	2030	$2,117,100	1	$62,600	
Obsolete Equipment, Extent : Light, Area Affected : 65%								
Location : The Gymnasium And Cafeteria Blowers Are Obsolete								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : The Gymnasium, Cafeteria, Auditorium And Library Blowers Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	60%	0-2	$184,000	2028	$1,839,900	1	$65,400	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Climate Control System								
Fan Coil Unit/Heat	10%	4+	$278,900	2030	$929,800	1	$10,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Unit Ventilators Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Unit Ventilators Are Not Used For The Purpose Intended - Space Tends To Overheat								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Split Unit	5%			2030	$445,200			
Window/Wall Unit	70%			2028	$994,400	1		
Window/Wall Unit	5%	0-2	$3,600	2025	$71,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$209,100	
Exhaust Fans								
Interior	100%	Now	$665,300	2030	$1,663,200	2	$9,200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	4+	$1,444,900	2040	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Domestic Water Piping Beyond Its Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Construction Under Way On A New Booster Pumping System								
HW Heat Exchanger								
Steam Fired	100%	4+	$362,700	2040	* *	4	$37,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$472,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$132,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Non-Submersible	100%	4+	$75,100	2040	* *	4	$7,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sump Pumps Are Beyond Their Useful Life Cycle Rating								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 5 Units								
Fire Suppression								
Standpipe								
Under Construction	100%							
Sprinkler								
No Component	95%							
Generic	5%			2040	* *	1-2	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Auditorium Stage								
Explanation : Paint Storage In Basement								
Fire Pump								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **WEB DUBOIS ACADEMIC H.S. - BK**		
Address	: **402 EASTERN PKWY. @ BEDFORD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K824**
Program / Asset #	: **BOE1081.000 / 14427**	**Yr Built/Renovated**	: **1912 / 1993**
Area Sq Ft	: **55,730**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1267** **Lot** : **1**	**BIN**	: **3032886**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$407,800	$1,482,900
Interior Architecture	$67,500	$140,200
Electrical		$855,100
Mechanical		$444,200
Total	**$475,300**	**$2,922,400**
Importance Code A	$407,800	$1,773,000
Importance Code B		$1,149,400
Importance Code C	$67,500	
Total	**$475,300**	**$2,922,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$129,700		$3,100	
Interior Architecture	$90,500		$9,800	$2,600
Electrical	$7,100	$5,200	$5,300	$6,800
Mechanical	$31,900	$4,100	$11,200	$3,300
Site Pavements	$6,800			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$269,900**	**$13,200**	**$33,300**	**$16,700**
Importance Code A	$137,700	$2,200	$6,300	$2,200
Importance Code B	$124,200	$11,000	$27,100	$14,500
Importance Code C	$8,100			
Total	**$269,900**	**$13,200**	**$33,300**	**$16,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEB DUBOIS ACADEMIC H.S. - BK
Asset # : 14427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	0-2	$4,400	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Cast Stone/Terra Cotta	10%	Now	$24,300	LIFE	* *	5	$38,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	3%			LIFE	* *	5	$9,200	
Masonry: Brick Cavity	57%			LIFE	* *	5	$55,700	
Metal Coiling Doors	2%	Now	$13,000	2038	* *	5	$1,500	
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Lower Edge Of Door								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Union Street								
Granite Panels	20%			LIFE	* *	5	$14,600	
Stucco Cement	5%			2046	* *	5	$6,100	
Windows								
Aluminum	100%	Now	$327,700	2041	* *	5	$11,500	
Glazing Clouded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast in Place Concrete	5%			LIFE	* *	5	$4,100	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$11,200	
Masonry: Brick	80%	Now	$80,100	LIFE	* *	5	$3,200	
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Metal Panel	5%			2053	* *	5	$800	
Roof								
Modified Bitumen	90%	Now	$14,000	2033	$280,600			
Blisters, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Skylight, Metal/Glass	10%	Now	$24,000	2033	$1,202,300			1
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Bulkheads								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
WEB DUBOIS ACADEMIC H.S. - BK
Asset # : 14427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$10,900	
Ceramic Tile	5%			2042	* *	5	$4,200	
Poured Epoxy/Resin	3%			2032	$140,200			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Science Laboratory								
Explanation : Chemical Floors								
Quarry Tile	2%			2046	* *	5	$2,500	
Vinyl Tile	5%	Now	$46,100	2038	* *	3	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : At Various Locations								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : At Various Locations								
Vinyl Tile	82%			2038	* *	3	$25,700	
Interior Walls								
Ceramic Tile	5%	0-2	$4,200	2042	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,100	
Gypsum Board	80%			LIFE	* *	5-10	$104,300	
Masonry: Brick	10%			LIFE	* *	10	$2,300	
Ceilings								
AcousTileSusp.Lay-In	95%	Now	$26,400	2046	* *	5	$39,600	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Basement								
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$5,200	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$6,800	2046	* *			
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Bedford Street								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEB DUBOIS ACADEMIC H.S. - BK
Asset # : 14427

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	$25,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 4,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$195,100	5	$200	
Raceway								
Conduit	20%			2043	* *	1		
Conduit	80%			2033	$115,700	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	80%			2032	$111,800	5	$1,200	
Molded Case Bkrs	15%			2041	* *	5	$200	
Wiring								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	80%			2033	$159,700	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$51,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	$46,800	10	$6,700	
Exit, Service	50%			2033	$12,000	1		
Exterior Lighting								
HID	30%			2033	$78,000	10	$100	
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$20,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2028	$143,800	1-3	$35,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells								

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DEPARTMENT OF EDUCATION - 040
WEB DUBOIS ACADEMIC H.S. - BK
Asset # : 14427

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Various Locations								
Explanation : Electric Resistance Heat								
Natural Gas	80%			2053	* *	1		
Conversion Equipment								
Furnace	80%			2038	* *	1	$22,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Gasoline Fired Rooftop Package Units								
Radiant Heater	20%	0-2	$5,800	2033	$290,100	2	$4,100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2038	* *	2	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Four Rooftop, Packaged. Replaced In 2009 Using Type R-407c Refrigerant								
Window/Wall Unit	5%	0-2	$2,100	2028	$10,600	1		
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Art Room, Assistant Principal Offices								
Explanation : Additional Units Needed								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,200	
Exhaust Fans								
Roof	100%			2038	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2028	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen And Ground Floor Heater Room								
Explanation : Two 50 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEB DUBOIS ACADEMIC H.S. - BK
Asset # : 14427

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	30%	0-2	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Front Of The Ground Floor								
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2026	$1,700	4	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Floor Storage Rooms								
Explanation : One Dual Pump Serving Drain, One Pump Serving Storm Disposal								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	30%							
Generic	70%			2043	* *	1-5	$19,700	
Sprinkler								
No Component	80%							
Generic	20%			2033	$154,100	1-2	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **WEST BROOKLYN COMMUNITY H.S. -BK**		
Address	: **1053 41ST STREET BTWN 10 AVE - FT. HAMILTON PKWY**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K781**
Program / Asset #	: **BOE1080.000 / 14426**	**Yr Built/Renovated**	: **1958 / 2013**
Area Sq Ft	: **37,062**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5587** **Lot** : **38**	**BIN**	: **3328583**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$464,400	
Interior Architecture	$195,800	
Electrical	$161,200	$796,100
Mechanical	$81,400	$198,300
Site Enclosure	$55,400	
Total	**$958,200**	**$994,400**
Importance Code A	$464,400	
Importance Code B	$438,400	$994,400
Importance Code C	$55,400	
Total	**$958,200**	**$994,400**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$93,900			
Interior Architecture	$108,300		$6,400	$5,000
Electrical	$2,000	$3,500	$3,600	$4,600
Mechanical	$23,000	$6,400	$5,400	$4,900
Site Pavements	$44,800			
Total	**$272,000**	**$9,800**	**$15,400**	**$14,500**
Importance Code A	$97,600	$3,700	$3,700	$3,700
Importance Code B	$100,800	$6,100	$11,700	$8,600
Importance Code C	$73,600			$2,300
Total	**$272,000**	**$9,800**	**$15,400**	**$14,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$289,100	LIFE	* *	5	$35,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 100%								
Location : Masonry Relieving Angles At All Windows								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Windows								
Masonry: Granite	5%			LIFE	* *	5	$3,100	
Masonry: Limestone	10%			LIFE	* *	5	$6,200	
Windows								
Aluminum	95%	Now	$7,300	2055	* *	5	$3,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 20%								
Location : Rooms 109 And 207								
Steel	5%	Now	$34,600	2058	* *	5	$2,500	
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	30%	Now	$7,200	LIFE	* *	5	$15,300	
Caulking Deteriorated, Extent : Light, Area Affected : 25%								
Location : Chimney								
Masonry: Brick	70%	Now	$175,300	LIFE	* *	5	$4,600	
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Exterior Parapet								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : North Side Of Building								
Roof								
Modified Bitumen	100%	Now	$38,100	2041	* *			
Alligatoring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Blisters, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Offices And Main Distribution Frame Room								
Soffits								
Masonry: Limestone	100%	2-4	$2,100	LIFE	* *	5	$200	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Front Entry								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,100	
Ceramic Tile	5%			2042	* *	5	$2,800	
Terrazzo	30%	0-2	$31,100	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Vinyl Tile	35%			2038	* *	3	$7,300	
Vinyl Tile 9" X 9"	20%	Now	$195,800	2043	* *	3	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	5%			2061	* *	5	$5,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$5,700	
Ceramic Tile	10%			2042	* *	5	$4,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,600	
Masonry: Brick	5%			LIFE	* *	10	$700	
Plaster	45%	Now	$24,900	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Various Locations								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Server Room And Room 202								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$5,700	
Ceilings								
AcousTile,Adhered	5%			2046	* *	5	$2,800	
Exposed Struc: Concrete	1%			LIFE	* *	5-10	$700	
Plaster	94%	Now	$31,700	LIFE	* *	5	$32,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Server Room And Nurses Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$55,400	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$10,000	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Asphalt	35%	Now	$8,700	2048	* *			
Sinking/Subsiding, Extent : Severe, Area Affected : 100%								
Location : Rear Of Building								
Cast in Place Concrete	60%			2046	* *			
Masonry: Granite	5%	0-2	$400	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Entry Steps								
Parking/Driveway								
Asphalt	95%	Now	$25,800	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Cast in Place Concrete	5%			2046	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 400 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	85%			2033	$52,000	1		
Conduit	15%			2053	* *	1		
Panelboards								
Molded Case Bkrs	85%			2032	$84,800	5	$800	
Molded Case Bkrs	15%			2049	* *	5	$100	
Wiring								
Braided Cloth	85%	2-4	$65,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2053	* *	1		
Motor Controllers								
Locally Mounted	25%			2046	* *	5	$100	
Locally Mounted	75%			2031	$53,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								

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DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2033	$524,900	10	$32,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	$11,100	10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Staircases								
Explanation : Compact Fluorescent Lights								
Incandescent	3%			2028	$30,800	2		
Egress Lighting								
Emergency, Battery	50%			2033	$31,100	10	$4,500	
Exit, Service	50%			2033	$8,000	1		
Exterior Lighting								
Fluorescent	10%			2033	$14,800	10	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front								
Explanation : Compact Fluorescent Lights								
LED	20%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	$69,600	1	$13,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	0-2	$95,600	2043	* *	1-3	$20,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement, Gymnasium								
Explanation : Obsolete Fire Alarm System. Manual Pull Stations And Alarm Bells Only.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 75,000 Gallon No. 2 Fuel Oil								

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DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$36,700	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$12,000	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2031	$126,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	$81,400	LIFE	* *	2-5	$2,100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Various								
No Component	90%							
Exhaust Fans								
Roof	100%	0-2	$14,400	2033	$71,900	2	$900	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Roof. Laboratory								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	20%			2028	$4,700	4		
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : To Save Energy, Separate Hot Water Heater Is Recommended								
HW Heat Exchanger								
Steam Fired	80%			2053	* *	4	$4,400	
No Component	20%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$3,700	2038	* *	4	$800	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	90%							
Generic	10%			2038	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **WILLIAM C. BRYANT HIGH SCHOOL -Q**		
Address	: **48-10 31 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q445**
Program / Asset #	: **BOE0877.000 / 1470**	**Yr Built/Renovated**	: **1939 / 2013**
Area Sq Ft	: **275,100**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Dec-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **738** **Lot** : **2**	**BIN**	: **4013655**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$361,500	$381,500
Interior Architecture	$19,458,200	$4,551,800
Electrical	$385,100	$7,313,900
Mechanical	$1,159,100	$8,694,900
Total	**$21,363,900**	**$20,942,100**
Importance Code A	$361,500	$2,861,600
Importance Code B	$21,002,400	$16,851,700
Importance Code C		$1,228,900
Total	**$21,363,900**	**$20,942,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$25,300			$26,400
Interior Architecture	$7,900			$21,200
Electrical	$32,100	$19,800	$23,700	$18,500
Mechanical	$161,900	$94,900	$72,000	$36,300
Site Enclosure	$59,000			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$294,100**	**$122,600**	**$103,600**	**$110,300**
Importance Code A	$61,800	$27,700	$27,400	$53,600
Importance Code B	$218,400	$94,900	$76,200	$56,600
Importance Code C	$13,900			
Total	**$294,100**	**$122,600**	**$103,600**	**$110,300**

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DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$147,100	
Masonry: Brick	10%			LIFE	* *	5	$26,800	
Masonry: Granite	10%			LIFE	* *	5	$20,100	
Masonry: Limestone	25%			LIFE	* *	5	$50,200	
Windows								
Aluminum	98%	Now	$221,000	2046	* *	5	$46,400	
Glazing Clouded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$1,200	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$19,300	
Masonry: Limestone	10%			LIFE	* *	5	$3,000	
Metal Rail	10%			2047	* *	5-10	$43,500	
Roof								
Copper/Terne	25%			2065	* *	10	$140,600	
Modified Bitumen	70%			2038	* *	10	$157,500	
Plaza Roof: Stone Panels	3%			2056	* *			
Skylight, Metal/Glass	2%	4+	$25,300	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$46,300	
Ceramic Tile	5%			2033	$1,194,200	5	$21,200	
Quarry Tile	3%			2043	* *	5	$19,100	
Terrazzo	5%			LIFE	* *	5	$16,500	
Vinyl Tile	15%			2030	$1,755,400	3	$31,800	
Vinyl Tile 9" X 9"	25%	Now	$373,800	2025	$18,691,700	3	$39,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Stairway 14,15 And Basement Corridor, 2nd And 3rd Floor Corridor								
Wood	42%	4+	$212,200	2045	* *	5	$166,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	5%			2033	$1,157,000	5	$21,000	
Concrete Masonry Unit	3%			LIFE	* *	5	$5,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$71,900	
SGFT/Glazed Masonry	20%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%			2043	* *	5	$26,500	
Exposed Struc: Concrete	15%			LIFE	* *	5	$9,900	
Metal Panel	2%			LIFE	* *	5	$10,600	
Plaster	28%	Now	$180,400	LIFE	* *	5	$74,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stairway 14,15, Gymnasium, Room 441								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stairway 14,15, Gymnasium, Room 441								
Plaster	50%			LIFE	* *	5	$132,400	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2056	* *			
Chain Link	60%			2040	* *			
Iron Picket	20%	4+	$13,900	2065	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	4+	$45,100	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Broadway And 49th Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Asphalt	70%			2039	* *			
Cast in Place Concrete	10%			2043	* *			
Masonry: Granite	20%			LIFE	* *			
Activity Yard								
Asphalt	20%			2039	* *			
Pavers/Stone	5%			2039	* *			
Under Construction	75%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2030	$82,200	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Two Main Service Disconnect Switches Rated At 2,000 Amperes Each.								
Fused Disc Sw	20%			2056	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes Serving The Solar Panels								
Switchgear / Switchboard								
Fused Disc Sw	60%			2030	$390,100	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Four Vertical Sections								
Fused Disc Sw	40%			2030	$260,100	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Three Vertical Sections								
Raceway								
Conduit	90%			2030	$606,800	1		
Conduit	10%			2040	* *	1		
Panelboards								
Fused Disc Sw	15%			2029	$95,800	5	$900	
Fused Disc Sw	5%			2038	* *	5	$300	
Molded Case Bkrs	75%			2029	$479,000	5	$5,400	
Molded Case Bkrs	5%			2038	* *	5	$400	
Wiring								
Thermoplastic	85%			2030	$763,700	1		
Thermoplastic	15%			2040	* *	1		
Motor Controllers								
Locally Mounted	90%			2043	* *	5	$1,700	
Locally Mounted	10%			2028	$36,300	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2030	$4,018,900	10	$247,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2030	$41,000	10	$2,500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Lobby								
LED	1%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$230,900	10	$33,200	
Exit, Service	50%			2030	$59,300	1		
Exterior Lighting								
HID	30%			2025	$385,100	10	$300	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$30,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Cafeteria, Auditorium And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$169,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	20%	0-2	$2,600	2030	$127,900	5	$8,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Distribution Lines, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Vault								
Explanation : 20,000 Gallon Tank								
Fuel Oil No 4	80%			2030	$511,800	5	$68,200	
Conversion Equipment								
Steam Boiler	10%	0-2	$12,000	2028	$239,800	1	$24,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 5 Units. No.1 And No.4 Defective Control Panels								
Steam Boiler	90%			2028	$2,158,000	1	$245,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	50%	0-2	$22,000	2030	$1,101,500			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pumps, Basement								
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Thermostats, Throughout								
Steam Piping/Pump	50%			2030	$1,101,500			
Terminal Devices								
Air Handler	10%	0-2	$25,900	2030	$517,700	1	$15,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Pneumatic Control System Is Leaking Throughout								
Air Handler	10%			2030	$517,700	1	$17,000	
Convector/Radiator	60%			2028	$1,349,700	1	$53,300	
Unit Heater - Steam	20%	0-2	$6,300	2030	$312,700	4	$5,000	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : 1st Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2028	$104,200	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	$24,200	LIFE	* *	2-5	$15,300	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Damper Control Chains, Basement And Penthouse								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$138,100	
Exhaust Fans								
Interior	95%	Now	$23,200	2025	$1,159,100	2	$6,400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Penthouse								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : The Restrooms, Throughout								
Explanation : Defective Units								
Roof	5%			2030	$26,700	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Electric	100%			2025	$23,600	4		
HW Heat Exchanger								
High Temp	30%	0-2	$10,200	2030	$101,700	4	$8,200	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : And Leaking At Coil Connections, Boiler Room								
High Temp	70%			2030	$237,200	4	$19,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	5%	0-2	$3,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Water Backs Up In Basement When It Rains.								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$55,100	4	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Geared Traction	10%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement To Ground Floor								
Explanation : 1 Freight Unit - Not In Service For Many Years								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2030	$190,200	1-2	$3,900	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **WILLIAM E. GRADY HIGH SCHOOL -BK**		
Address	: **25 BRIGHTON 4TH RD. BTWN: BRIGHTON 6 ROAD**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K620**
Program / Asset #	: **BOE0650.000 / 1212**	**Yr Built/Renovated**	: **1957 / 2015**
Area Sq Ft	: **200,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Jul-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7261** **Lot** : **47**	**BIN**	: **3196353**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,240,600	$323,200
Interior Architecture	$1,030,400	$11,014,400
Electrical	$533,700	$1,313,200
Mechanical	$106,100	$1,438,300
Total	**$2,910,700**	**$14,089,100**
Importance Code A	$1,240,600	$374,600
Importance Code B	$1,670,100	$13,635,700
Importance Code C		$78,800
Total	**$2,910,700**	**$14,089,100**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$5,200	$24,500	$49,500	
Interior Architecture	$169,800	$7,300	$13,800	$28,600
Electrical	$56,700	$28,000	$46,400	$20,600
Mechanical	$115,900	$36,500	$45,100	$28,200
Site Enclosure	$11,800			
Site Pavements	$25,300			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$388,700**	**$100,200**	**$158,700**	**$81,400**
Importance Code A	$25,000	$44,300	$69,700	$19,800
Importance Code B	$300,500	$55,900	$88,900	$61,600
Importance Code C	$63,200			
Total	**$388,700**	**$100,200**	**$158,700**	**$81,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	$217,900	LIFE	* *	5	$132,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Penthouse								
Metal Panel	10%	Now	$67,500	2041	* *	5	$38,200	1
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deformed/Dented, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 75%								
Location : Throughout								
Metal Coiling Doors	5%	Now	$54,400	2044	* *	5	$15,900	1
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Light, Area Affected : 20%								
Location : West Side Lot								
Panel: Limestone	15%	Now	$137,600	LIFE	* *	5	$22,900	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Auditorium Wing								
Window Wall	5%			2051	* *	5	$38,200	
Glazing Clouded, Extent : Light, Area Affected : 10%								
Location : Gymnasium And Throughout								
Windows								
Aluminum	95%	Now	$330,900	2047	* *	5	$17,400	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Classroom 308 And Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Louvers	5%			2040	* *	10	$11,400	
Parapets								
Masonry: Brick Cavity	85%	Now	$135,600	LIFE	* *	5	$13,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face Of Penthouse								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face Of Penthouse								
Metal Panel	2%			2051	* *	5	$1,200	
Metal Rail	3%			2044	* *	5-10	$8,600	
Panel: Limestone	10%			LIFE	* *	5	$1,700	

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DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	52%	Now	$214,100	2036	* *			
Expansion Joint Failure, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Over Third Floor								
Copper/Terne	3%			2046	* *	10	$8,800	
Modified Bitumen	15%			2036	* *	10	$17,600	
Roll Roofing	25%			2030	$190,800	5	$49,000	
Skylight, Metal/Glass	5%	Now	$82,600	2051	* *			
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Over Lobby								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Soffits								
Cast in Place Concrete	65%			LIFE	* *	5	$24,900	
Stucco Cement	35%			2036	* *	5	$6,700	
Interior								
Floors								
Carpet	2%	Now	$103,800	2033	$103,800	3	$8,800	
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Library								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$32,100	
Ceramic Tile	5%			2040	* *	5	$14,700	
Sheet Vinyl/Rubber	3%	2-4	$11,500	2031	$576,000	5	$6,600	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Slate	5%			LIFE	* *	5	$15,600	
Terrazzo	5%	Now	$68,600	LIFE	* *	5	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Vinyl Tile	50%			2036	* *	3	$73,400	
Vinyl Tile 9" X 9"	20%	Now	$518,000	2031	$10,359,500	3	$22,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Wood	5%			2046	* *	5	$27,500	

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DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$36,100	2040	* *	5	$16,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								
Concrete Masonry Unit	30%			LIFE	* *	5	$78,800	
Glass: Single Pane	5%			LIFE	* *	5	$24,600	
Gypsum Board	10%			LIFE	* *	5	$39,400	
Metal Panel	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$29,600	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$443,800	2036	* *	5	$34,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria And Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Struc: Concrete	50%			LIFE	* *	5	$21,500	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%			2036	* *			
Metal Panel	5%			LIFE	* *	5	$17,200	
Metal Panel	5%			LIFE	* *	5	$17,200	
Site Enclosure								
Fence/Gates								
Chain Link	15%	Now	$11,800	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : West Side Parking Lot								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : North Side Gate								
Chain Link	85%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$10,100	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	95%	Now	$12,300	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Ramp On West Side								
Masonry: Granite	5%	Now	$2,900	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Steps								
Parking/Driveway								
Asphalt	100%			2040	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	$51,400	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,500 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	20%			2051	* *	5	$200	
Molded Case Bkrs	80%			2051	* *	5	$4,200	
Raceway								
Conduit	100%			2031	$337,100	1		
Panelboards								
Fused Disc Sw	10%			2030	$33,900	5	$500	
Fused Knife Sw	10%	2-4	$33,900	2056	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	80%			2030	$271,400	5	$4,200	
Wiring								
Braided Cloth	80%	2-4	$359,400	2056	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2031	$89,800	1		
Motor Controllers								
Locally Mounted	30%			2029	$54,400	5	$400	
Motor Control Center	70%			2029	$508,900	5	$3,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								

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DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$61,500	
Generators								
Natural Gas	100%			2040	* *	1	$77,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 200 Kilowatts								
Batteries								
Lead/Acid	100%			2025	$2,500	5	$7,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$174,300	
Motion Sensors in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$24,100	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	20%			2036	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Operated Via Timer And Photocell								
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$22,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *	1-3	$38,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$198,100	

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DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$32,000	2051	* *			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Chemical Storage Tank								
Terminal Devices								
Convector/Radiator	80%			2036	* *	1	$51,700	
Unit Heater - Steam	20%			2036	* *	4	$5,500	
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%	Now	$11,000	2031	$109,600	2	$500	
Broken, Extent : Severe, Area Affected : 20%								
Location : Rooftop Unit Broken For Years								
Window/Wall Unit	70%	Now	$106,100	2029	$530,400	1		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Office Spaces, Multiple Mechanical Defects								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$111,500	
Exhaust Fans								
Interior	90%	Now	$39,900	2031	$798,300	2	$4,400	
Broken, Extent : Severe, Area Affected : 10%								
Location : Projection Room								
Roof	10%			2036	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2025	$6,200	4	$6,300	
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$11,900	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2041	* *	1-2	$16,800	
Chemical System								
No Component	95%							
Generic	5%			2029	$14,700	1-3	$13,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **WILLIAM H. MAXWELL CTE H.S. - BK**		
Address	: **145 PENNSYLVANIA AVE. BTWN: LIBERTY AVE., GLENMORE AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K660**
Program / Asset #	: **BOE0655.000 / 2740**	**Yr Built/Renovated**	: **1913 / 2015**
Area Sq Ft	: **150,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5**		
Block	: **3704** **Lot** : **1**	**BIN**	: **3083660**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,106,200	$381,800
Interior Architecture		$394,300
Electrical	$133,700	$2,202,400
Mechanical	$227,300	$5,415,800
Site Pavements		$50,900
Total	**$1,467,200**	**$8,445,200**
Importance Code A	$1,106,200	$381,800
Importance Code B	$361,000	$7,618,200
Importance Code C		$445,200
Total	**$1,467,200**	**$8,445,200**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	$84,500	$59,100	$20,900	
Electrical	$32,400	$21,300	$15,200	$13,200
Mechanical	$109,600	$87,900	$74,300	$44,700
Site Enclosure	$900			
Site Pavements	$29,300			
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$266,700**	**$178,200**	**$120,200**	**$67,800**
Importance Code A	$14,900	$15,200	$14,900	$14,900
Importance Code B	$219,400	$163,000	$105,400	$53,000
Importance Code C	$32,400			
Total	**$266,700**	**$178,200**	**$120,200**	**$67,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$208,700	LIFE	* *	5	$126,700	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : East Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Masonry: Granite	5%			LIFE	* *	5	$5,300	
Masonry: Limestone	5%			LIFE	* *	5	$5,300	
Windows								
Aluminum	38%	Now	$93,000	2046	* *	5	$9,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : 1998 Wing Addition								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : 1998 Wing								
Metal Louvers	2%			2039	* *	10	$6,400	
Wood	60%	Now	$742,400	2055	* *	5	$154,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : 1913 Wing								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : 1913 Wing								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : 1913 Wing								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$5,200	
Masonry: Brick	90%			LIFE	* *	5	$20,000	
Pre-Cast Concrete	7%			LIFE	* *	5	$9,800	
Roof								
Metal Panel	47%			2043	* *	10	$101,000	
Modified Bitumen	53%			2035	* *	10	$62,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : 1913 Building And Other Various Roofs								
Soffits								
Metal Panel	80%			2050	* *	5-10		
Stucco Cement	20%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$38,900	
Ceramic Tile	5%	Now	$12,500	2039	* *	5	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%			2043	* *	5	$16,700	
Terrazzo	2%			LIFE	* *	5	$3,500	
Vinyl Tile	75%			2035	* *	3	$62,600	
Wood	5%			2045	* *	5	$20,900	

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2033	$394,300	5	$7,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$8,600	
Gypsum Board	5%			LIFE	* *	5	$4,300	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%	Now	$31,400	LIFE	* *	5	$19,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 1913 Wing Various 5th Floor Classrooms								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2035	* *	5	$55,600	
AcousTileConcealSpLn	15%			2035	* *	5	$41,700	
AcousTileSusp.Lay-In	5%			2043	* *	5	$11,100	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$13,900	
Plaster	30%	Now	$40,600	LIFE	* *	5	$41,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms On 5th Floor In 1913 Building								
Site Enclosure								
Fence/Gates								
Chain Link	40%			2050	* *			
Iron Picket	60%			2065	* *			
Retaining Walls								
Cast in Place Concrete	85%	Now	$900	2065	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Driveway								
Masonry: Brick	15%			2040	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$28,300	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Pennsylvania Avenue Side								
Tripping Hazard, Extent : Moderate, Area Affected : 5%								
Location : Pennsylvania Avenue Side								
On-Site Walkways								
Cast in Place Concrete	85%			2043	* *			
Masonry: Granite	10%			LIFE	* *			
Pavers/Stone	5%	Now	$1,000	2033	$50,900			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Stairs At Rear Of School								
Parking/Driveway								
Asphalt	30%			2033				
Cast in Place Concrete	70%			2043	* *			
Activity Yard								
Cast in Place Concrete	70%			2043	* *			
Rubber Matting	30%			2035	* *			

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Service Switches: 3,000 Amperes And 1,600 Amperes And 1,200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Molded Case Bkrs	100%			2046	* *	5	$4,000	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	$46,200	
Generators								
Diesel	100%			2033	$138,700	1	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : The Existing Generator Is 300 Kilowatts Diesel Unit.								
Batteries								
Nickel Cadmium	100%			2024	$2,500	5	$33,400	
Fuel Storage								
Main Tank	100%			2058	* *	5		
Lighting								
Interior Lighting								
Fluorescent	85%			2030	$1,900,600	10	$116,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2035	* *	10	$6,900	
LED	10%			2035	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Installed 4 Years Ago.								

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2030	$46,200	1		
Emergency, Service	50%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : The Existing Egress Lights Are In Good Condition.								
Exterior Lighting								
LED	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Installed In 2018								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$56,300	1	$11,200	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$77,400	1-3	$18,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$148,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers And 4 Heat Exchangers								
Distribution								
Hot Wtr Piping/Pump	90%	Now	$5,900	2038	* *	4	$6,700	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : 4th Floor								
Central Plant Steam Piping/Pmp	10%			2040	* *	4	$1,100	
Terminal Devices								
Air Handler	20%			2030	$564,600	1	$18,600	
Convector/Radiator	50%	Now	$12,300	2035	* *	1	$21,800	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Stream Traps Throughout								
Fan Coil Unit/Heat	30%			2030	$1,115,700	1	$14,500	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	40%			2033	$1,223,400	1	$64,900	
Exterior Pkg Unit - Cooling	5%	Now	$8,200	2030	$82,200	2	$400	
Malfunctioning, Extent : Severe, Area Affected : 20% Location : 4th Floor								
Window/Wall Unit	40%	Now	$22,700	2025	$227,300	1		
Malfunctioning, Extent : Severe, Area Affected : 20% Location : Throughout								
No Component	15%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2040	* *	4	$4,400	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	$494,800	1	$18,600	
Fan Coil - 4 Pipe	20%			2030	$969,900	1	$9,700	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2030	$147,700	2	$41,800	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,600	
Exhaust Fans								
Interior	80%			2030	$532,200	2	$3,700	
Roof	20%	Now	$2,900	2030	$58,200	2	$700	
Malfunctioning, Extent : Severe, Area Affected : 20% Location : On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2025	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$1,500	2030	$30,000	4	$3,200	
Malfunctioning, Extent : Severe, Area Affected : 10% Location : Basement								
Sewage Ejector(s)								
Electric	100%			2030	$78,500	4	$6,000	
Backflow Preventer								
Generic	100%			2030	$67,000	1	$9,200	

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : Cellar To 5th Floor								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Cellar To 1st Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$75,600	
Sprinkler								
Generic	100%			2040	* *	1-2	$42,000	
Fire Pump								
Generic	100%	Now	$2,900	2039	* *	1	$25,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement								
Chemical System								
Generic	100%			2028	$81,600	1-3	$74,400	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **WILLIAM H. TAFT HIGH SCHOOL - BX**		
Address	: **240 E. 172ND STREET BTWN: SHERIDAN AVE., MORRIS AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X410**
Program / Asset #	: **BOE0321.000 / 351**	**Yr Built/Renovated**	: **1941 / 2010**
Area Sq Ft	: **281,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**		
Block	: **2817** **Lot** : **2**	**BIN**	: **2007806**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$1,390,000	$224,500
Interior Architecture	$5,131,200	$278,500
Electrical	$317,800	$1,178,300
Mechanical	$1,593,300	$5,249,700
Total	**$8,432,400**	**$6,931,000**
Importance Code A	$1,390,000	$281,000
Importance Code B	$5,605,600	$6,593,400
Importance Code C	$1,436,700	$56,700
Total	**$8,432,400**	**$6,931,000**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		$14,700		
Interior Architecture	$88,600	$5,200	$150,700	$36,800
Electrical	$18,900	$21,000	$27,000	$18,900
Mechanical	$99,600	$42,200	$64,800	$47,800
Site Enclosure	$36,300			
Site Pavements	$22,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$269,800**	**$87,100**	**$246,400**	**$107,400**
Importance Code A	$27,400	$42,700	$27,400	$27,400
Importance Code B	$144,200	$44,300	$219,000	$80,000
Importance Code C	$98,200			
Total	**$269,800**	**$87,100**	**$246,400**	**$107,400**

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$39,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Sidewalk Scaffolding In Preparation For Masonry Restoration By School Construction Authority								
Masonry: Brick	75%			LIFE	* *	5	$117,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Sidewalk Scaffolding In Preparation For Masonry Restoration By School Construction Authority. Pointing, Roofing, Parapets								
Masonry: Granite	10%			LIFE	* *	5	$11,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Sidewalk Scaffolding In Preparation For Masonry Restoration By School Construction Authority								
Masonry: Limestone	5%			LIFE	* *	5	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Sidewalk Scaffolding In Preparation For Masonry Restoration By School Construction Authority								
Metal Panel	5%			2050	* *	5-10	$54,000	
Windows								
Aluminum	100%			2038	* *	5	$66,500	
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	64%	Now	$1,275,600	2040	* *			1
Water Penetration, Extent : Severe, Area Affected : 60%								
Location : Classrooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Roof Being Prepared For Replacement By School Construction Authority								
Cast in Place Concrete	10%	Now	$114,500	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 1%								
Location : Terrace Which Leaks Into Cafeteria								
Copper/Terne	25%			2058	* *	10	$106,700	
Skylight, Metal/Glass	1%			2050	* *	10	$5,700	
Interior								

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2026	$146,500	3	$12,400	
Cast in Place Concrete	10%	4+	$70,500	LIFE	* *	5	$90,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Boys Locker Room								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Ceramic Tile	3%	Now	$280,300	2045	* *	5	$6,200	
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Toilets								
Ceramic Tile	2%			2043	* *	5	$8,300	
Recent Installation, Extent : N/A, Area Affected : 2%								
Location : 1st Floor								
Terrazzo	5%	4+	$38,700	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Steps								
Traffic Topping	2%			2035	* *	5	$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Science Laboratories								
Explanation : Concrete Topping Over Slab Floor								
Vinyl Tile	71%	Now	$162,500	2035	* *	3	$110,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Stairs And Lockers, Cafeteria								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Stairs And Lockers								
Wood	5%			2058	* *	5	$38,800	

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$692,700	2045	* *	5	$10,500	
Worn/Eroded, Extent : Severe, Area Affected : 5%								
Location : Toilet Rooms								
Concrete Masonry Unit	5%	4+	$39,500	LIFE	* *	5	$8,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exact Source Unidentifiable In Sub-basement								
Masonry: Brick	6%	4+	$95,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Basement And Sub-basement								
Masonry: Brick	4%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%	0-2	$459,500	LIFE	* *	5	$56,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Throughout								
SGFT/Glazed Masonry	25%	4+	$188,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Cafeteria, Stairwells, Corridor 1st Floor								

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$5,800	2043	* *	5	$8,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Cafeteria								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Cafeteria								
Exposed Struc: Concrete	23%	Now	$241,200	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Sub-basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement, Sub-basement								
Exposed Struc: Concrete	10%			LIFE	* *	5	$5,500	
Metal Panel	2%	Now	$4,600	LIFE	* *	5	$8,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Kitchen								
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 15%								
Location : Kitchen								
Plaster	55%	Now	$2,926,700	LIFE	* *	5	$120,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Stairs And Cafeteria								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Gymnasium, Corridor, Locker Rooms								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Locker Rooms, Stairs, Gymnasium On 4th Floor								
Plaster	5%	4+	$13,300	LIFE	* *	5	$10,900	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Library, Auditorium								
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$36,300	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Parking Lot And Sports Field								
Iron Picket	50%			2050	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	90%			2043	* *			
Masonry: Granite	10%	4+	$22,500	LIFE	* *			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Steps								

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%			2033				

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	55%			2030	$56,500	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Service Disconnect Switch Rated At 2,500 Amperes.								
Fused Disc Sw	45%			2050	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Service Disconnect Switch Rated At 2,000 Amperes.								
Transformers								
Dry Type	100%			2035	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : 75 Kilovolt-ampere, 208 Volts Primary, 480/ 277 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	50%			2030	$325,100	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Five Vertical Sections								
Fused Disc Sw	50%			2050	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Five Vertical Sections								
Raceway								
Conduit	80%			2040	* *	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$600	
Molded Case Bkrs	70%			2046	* *	5	$5,200	
Molded Case Bkrs	20%			2038	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	$181,400	5	$900	
Locally Mounted	45%			2035	* *	5	$900	
Variable Frequency Drive	5%			2043	* *			
Ground								

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,100	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$241,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2030	$82,500	10	$5,100	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 4th Floor Gymnasium								
Incandescent	1%			2025	$76,700	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Incandescent								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	30%			2030	$139,400	10	$20,000	
Emergency, Battery	20%			2038	* *	10	$13,400	
Exit, LED	20%			2065	* *	1		
Exit, Service	30%			2030	$35,800	1		
Exterior Lighting								
HID	30%			2030	$393,400	10	$300	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$31,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Front And East Side Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2035	* *	1-3	$173,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Light, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$274,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub-basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Air Handler	38%			2030	$1,979,300	1	$65,000	
Air Handler	2%	0-2	$2,100	2035	* *	1	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : The Thermostats Have Not Yet Connected.								
Convector/Radiator	50%			2035	* *	1	$44,700	
Fan Coil Unit/Heat	10%	0-2	$13,700	2035	* *	1	$8,000	
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : Motors Burnt Out, Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Split Unit	5%	0-2	$6,600	2030	$328,600			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	70%	0-2	$14,700	2024	$734,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2030	$316,600	1	$4,500	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2030	$30,100	2	$9,600	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$154,300	
Exhaust Fans								
Interior	20%			2035	* *	2	$1,700	
Interior	70%			2025	$859,300	2	$5,900	
Roof	10%			2030	$53,700	2	$800	
Plumbing								

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	3%	0-2	$2,100	2040	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Meter Room, Basement								
Brass/Copper	37%			2040	* *	1		
Galvanized Steel	60%			2028	$2,120,100	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	25%	0-2	$17,400	LIFE	* *	1		
Corroded, Extent : Light, Area Affected : 10%								
Location : Basement								
Cast Iron	75%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	5%	0-2	$1,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room								
Cast Iron	95%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$11,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Wing, Basement To 4th Floor								
Explanation : 1 Unit								
Geared Traction	10%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement To Basement								
Explanation : 1 Condemn Freight Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2030	$382,800	1-2	$7,800	
Chemical System								
No Component	99%							
Generic	1%			2029	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q		
Address	: 23-15 NEWTOWN AVENUE		
Borough	: QUEENS	**Agency's Number**	: LEASE-Q739
Program / Asset #	: BOE1116.000 / 14572	**Yr Built/Renovated**	:
Area Sq Ft	: 42,049	**Project Type**	: EDUCATION
Date of Survey	: 20-May-2022	**Landmark Status**	: NONE
Areas Surveyed	: Roof, Floors 1,2,3,4,5,Ph		
Block	: 542 **Lot** : 8	**BIN**	: 4440035

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	$84,700	$90,400
Interior Architecture	$372,200	$198,500
Electrical		$25,600
Mechanical		$260,200
Total	**$456,900**	**$574,700**
Importance Code A	$84,700	$129,700
Importance Code B		$246,600
Importance Code C	$372,200	$198,500
Total	**$456,900**	**$574,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$118,400		$15,800	
Interior Architecture	$147,800	$22,000	$5,900	$1,600
Electrical	$4,400	$3,100	$4,100	$3,200
Mechanical	$22,000	$11,500	$11,800	$6,700
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$297,400**	**$41,600**	**$42,500**	**$16,400**
Importance Code A	$120,500	$2,100	$17,900	$2,100
Importance Code B	$90,200	$39,500	$24,600	$14,300
Importance Code C	$86,700			
Total	**$297,400**	**$41,600**	**$42,500**	**$16,400**

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DEPARTMENT OF EDUCATION - 040

YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q

Asset # : 14572

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	6%	4+	$47,000	LIFE	* *	5	$5,700	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	89%			LIFE	* *	5	$169,400	
Masonry: Limestone	5%			LIFE	* *	5	$7,100	
Windows								
Aluminum	90%			2049	* *	5	$20,600	
Steel	10%			2041	* *	5	$28,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 4th Floor								
Explanation : Stained Glass Windows								
Parapets								
Masonry: Brick	93%			LIFE	* *	5-10	$43,900	
Masonry: Limestone	5%			LIFE	* *	5-10	$4,200	
Metal Rail	2%			2046	* *	5-10	$2,500	
Roof								
Modified Bitumen	100%	2-4	$16,200	2038	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Ponding, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Soffits								
Stucco Cement	100%			2038	* *	5	$3,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	5%			2042	* *	5	$3,100	
Quarry Tile	5%			2046	* *	5	$4,700	
Terrazzo	10%			LIFE	* *	5	$9,800	
Traffic Topping	15%			2038	* *	5	$11,800	
Vinyl Tile	45%			2038	* *	3	$10,600	
Wood	15%	Now	$28,200	2048	* *	5	$8,900	
Worn/Eroded, Extent : Light, Area Affected : 2%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	30%			2042	* *	5	$198,500	
Glass Block	2%			LIFE	* *	10	$5,300	
Gypsum Board	25%			LIFE	* *	5-10	$281,200	
Marble Panels	2%			LIFE	* *	10	$5,300	
Plaster	25%			LIFE	* *	5-10	$140,600	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$49,600	
Wood	1%			LIFE	* *	5	$52,900	

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q
Asset # : 14572

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	70%			2050	* *	5	$44,100	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$3,900	
Metal Panel	5%			LIFE	* *	5	$7,900	
Plaster	20%			LIFE	* *	5-10	$21,600	
Site Enclosure								
Fence/Gates								
Chain Link	25%			2043	* *			
Impact Damage, Extent : Light, Area Affected : 5%								
Location : Parking Lot								
Iron Picket	75%			2068	* *			
Retaining Walls								
Cast in Place Concrete	50%			2053	* *			
Masonry: Brick	50%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	40%			2053	* *	5	$100	
Molded Case Bkrs	60%			2053	* *	5	$700	
Raceway								
Conduit	10%			2033	$8,100	1		
Conduit	90%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5	$100	
Molded Case Bkrs	5%			2032	$7,000	5	$100	
Molded Case Bkrs	85%			2049	* *	5	$900	
Wiring								
Thermoplastic	10%			2033	$10,600	1		
Thermoplastic	90%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$300	

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q
Asset # : 14572

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2038	* *	10	$36,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2038	* *	10	$800	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Staircases								
Fluorescent	3%			2038	* *	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$5,100	
Exit, Battery	50%			2038	* *	10	$1,400	
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
No Component	50%							
Generic	50%			2028	$39,500	1	$7,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Systen And Manual Door Lock Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$25,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q
Asset # : 14572

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2033	$39,200	1	$6,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Rooftop Units								
Furnace	10%			2043	* *	1	$2,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Hot Water Boiler	60%			2046	* *	1	$12,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	60%			2043	* *			
No Component	40%							
Terminal Devices								
Convector/Radiator	60%			2038	* *	1	$8,200	
No Component	40%							
Controls								
Electrical	40%			2028	$93,500			
Pneumatic	60%			2034	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2043	* *	2	$300	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 New Unit. Roof								
Window/Wall Unit	80%			2031	$127,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,100	
Exhaust Fans								
Roof	100%	0-2	$1,600	2038	* *	2	$1,000	
Broken, Extent : Moderate, Area Affected : 5%								
Location : 2 Motors								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q

Asset # : 14572

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$1,700	
Backflow Preventer								
Generic	100%			2038	* *	1	$2,600	
Fixtures								
Generic	100%							
Tankless Water Heater (POU)								
Gas Fired	100%			2028	$32,400	2		
Hot Water Storage Tank								
Generic	100%			2038	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 175 Gallons Tank								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	$21,200	
Chemical System								
Wet	100%			2031	$40,800	1-3	$41,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 10 Square Feet								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name	: **YOUNG WOMENS LEADERSHIP SCHOOL-Q**		
Address	: **150-91 87 ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q680**
Program / Asset #	: **BOE0992.000 / 4484**	**Yr Built/Renovated**	: **1938 / 1998**
Area Sq Ft	: **58,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jan-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9707** **Lot** : **48**	**BIN**	: **4207510**

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		$73,100
Electrical	$52,100	
Mechanical		$3,285,700
Total	**$52,100**	**$3,358,700**
Importance Code B	$52,100	$3,285,700
Importance Code C		$73,100
Total	**$52,100**	**$3,358,700**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	$20,500	$7,600	$5,800	
Interior Architecture	$11,600	$1,800	$4,600	
Electrical	$11,500	$8,300	$9,800	$7,900
Mechanical	$37,800	$26,700	$33,700	$18,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$85,400**	**$48,300**	**$57,900**	**$30,100**
Importance Code A	$26,300	$13,500	$11,500	$5,700
Importance Code B	$55,700	$34,800	$46,300	$24,300
Importance Code C	$3,400			
Total	**$85,400**	**$48,300**	**$57,900**	**$30,100**

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$14,300	
Masonry: Brick	70%			LIFE	* *	5	$40,100	
Metal Panel	5%			2050	* *	5-10	$19,700	
Pre-Cast Concrete	20%			LIFE	* *	5	$37,200	
Windows								
Aluminum	95%			2046	* *	5	$11,600	
Metal Louvers	5%			2039	* *	10	$3,800	
Parapets								
Copper/Terne	10%			2065	* *	5	$4,500	
Masonry: Brick	60%			LIFE	* *	5	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet Walls								
Explanation : Interior Side Covered With Metal Panel								
Metal Rail	25%			2043	* *	5-10	$42,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,900	
Roof								
Built-Up (BUR)	85%	0-2	$20,500	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 421								
Plaza Roof: Stone Panels	15%			2056	* *			
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$12,500	
Ceramic Tile	5%			2039	* *	5	$2,900	
Quarry Tile	3%			2043	* *	5	$2,600	
Terrazzo	2%			LIFE	* *	5	$900	
Traffic Topping	5%			2035	* *	5	$3,600	
Vinyl Tile	65%			2035	* *	3	$13,900	
Wood	10%	Now	$6,800	2045	* *	5	$5,400	
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$6,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Gypsum Board	90%			LIFE	* *	5	$73,100	
Ceilings								
AcousTileSusp.Lay-In	85%			2043	* *	5	$47,200	
Exposed Struc: Concrete	5%			LIFE	* *	5	$400	
Exposed Struc: Steel	2%			LIFE	* *			
Gypsum Board	8%			LIFE	* *	5	$5,600	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2050	* *			
Iron Picket	95%			2065	* *			
Retaining Walls								
Cast in Place Concrete	100%			2065	* *			

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 3,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Vertical Sections								
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	90%			2043	* *	5	$400	
Variable Frequency Drive	10%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$17,800	
Generators								
Diesel	100%			2039	* *	1	$22,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 230 Kilowatts								
Batteries								
Lead/Acid	100%			2024	$2,500	5	$2,100	

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	10%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Rated Capacity								
Main Tank	90%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$47,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	8%			2035	* *	10	$4,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
HID	2%			2035	* *	10		
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$57,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Steam Boilers. Unit 1 Is Under Repair								
Distribution								
Hot Wtr Piping/Pump	20%			2038	* *	4	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Loop Is Used For Heating Devices								
Steam Piping/Pump	5%	0-2	$7,000	2040	* *			
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Building Management System								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 3%								
Location : Room 428								
Explanation : No Heating Device In Room 428.								
Steam Piping/Pump	75%			2040	* *			
Terminal Devices								
Air Handler	80%			2030	$873,200	1	$28,700	
Fan Coil Unit/Heat	20%			2030	$287,600	1	$3,800	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2030	$855,700	1	$26,900	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : 2 Units, Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2040	* *	4	$4,300	
Terminal Devices								
Air Handler/Cool/Ht	8%	0-2	$1,800	2030	$90,000	1	$2,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Controls On The Roof								
Air Handler/Cool/Ht	72%			2030	$810,300	1	$25,800	
No Component	20%							
Heat Rejection								
Dry Cooler	80%			2030	$212,900	2	$32,300	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,300	

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2030	$77,200	2	$500	
Roof	70%			2030	$78,800	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	4%	0-2	$1,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Room 421								
Cast Iron	96%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$11,600	4	$1,200	
Sewage Ejector(s)								
Electric	100%			2030	$30,400	4	$2,300	
Backflow Preventer								
Generic	100%	0-2	$500	2035	* *	1	$3,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement Water Meter Room								
Explanation : Leaking								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$29,200	
Sprinkler								
Generic	100%			2050	* *	1-2	$16,200	
Fire Pump								
Generic	100%			2039	* *	1	$10,800	
Chemical System								
No Component	99%							
Generic	1%			2025	$800	1-3	$700	

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **REVETMENT W/SEAWALL AT BEACH CHANNEL HIGH SCHOOL**
Address : **100-00 BEACH CHANNEL DRIVE ROCKAWAY**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **DCAS006.000 / 14026**
Yr Built/Renovated :
Linear Ft : **2,479**
Project Type : **EDUCATION**
Date of Survey : **18-Jun-2020**
Landmark Status : **NONE**
Areas Surveyed :
Block : **16167** **Lot** : **99** **BIN** :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bulkheads	$756,200	$1,446,900
Total	**$756,200**	**$1,446,900**
Importance Code A	$298,700	
Importance Code B	$226,400	$1,446,900
Importance Code C	$231,000	
Total	**$756,200**	**$1,446,900**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bulkheads		$14,100	$100	
Total		**$14,100**	**$100**	
Importance Code A				
Importance Code B		$14,100	$100	
Importance Code C				
Total		**$14,100**	**$100**	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REVETMENT W/SEAWALL AT BEACH CHANNEL HIGH SCHOOL

Asset # : 14026

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Gravity Wall								
Concrete	90%			LIFE	* *	5	$9,000	
Cracking, Extent : Moderate, Area Affected : 5%								
Location : Widespread In Western 1,250 Feet Of Asset								
Concrete	10%	2-4	$298,700	LIFE	* *	5	$1,000	
Spalling, Extent : Severe, Area Affected : 10%								
Location : Adjacent To Areas Of Revetment With Light Coverage								
Revetment								
Stone	82%			LIFE	* *	5	$12,200	
Stone	18%	2-4	$231,000	LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Isolated Areas Totaling 450 Feet In Western 1,250 Feet Of Asset								
Explanation : Stone Missing, Seawall Exposed								
Backfill								
Fill								
Not Accessible	100%							
Surface								
Concrete	100%			2040	* *	5	$28,300	
Deck Elements								
Railing								
Fencing	45%			2032	$88,200	3	$400	
Corrosion, Extent : Light, Area Affected : 2%								
Location : Base Of Posts								
No Component	55%							
Parapet								
Concrete	75%			2032	$1,358,700			
Concrete	25%	0-2	$226,400	2035	* *			
Spalling, Extent : Severe, Area Affected : 30%								
Location : Adjacent To Areas Of Revetment With Light Coverage								

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Print Date : 14-Oct-2022

DEPARTMENT OF EDUCATION - FY 2023

Asset Name : **STEEL SHEET PILE BULKHEAD WEST SIDE BEACH CHANNEL HIGH**
Address : **100-00 BEACH CHANNEL DRIVE ROCKAWAY**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **DCAS007.000 / 14027**
Yr Built/Renovated :
Linear Ft : **193**
Project Type : **EDUCATION**
Date of Survey : **18-Jun-2020**
Landmark Status : **NONE**
Areas Surveyed :
Block : **16167** **Lot** : **99** **BIN** :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bulkheads	$1,158,700	$114,500
Total	**$1,158,700**	**$114,500**
Importance Code A	$955,700	
Importance Code B	$203,000	$114,500
Total	**$1,158,700**	**$114,500**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bulkheads	$31,900			
Total	**$31,900**			
Importance Code A				
Importance Code B	$31,900			
Total	**$31,900**			

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DEPARTMENT OF EDUCATION - 040

STEEL SHEET PILE BULKHEAD WEST SIDE BEACH CHANNEL HIGH

Asset # : 14027

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Sheet Piles								
Steel	90%	Now	$866,500	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 80%								
Location : Large Corrosion Holes In Splash Zone								
Not Accessible	10%							
Pile Caps								
Concrete	100%	Now	$89,300	LIFE	* *	5	$600	
Displaced Elements, Extent : Severe, Area Affected : 100%								
Location : With Failing Sheet Piles								
Backfill								
Fill								
Topsoil	75%	Now	$31,900	2071	* *			
Sinkhole, Extent : Severe, Area Affected : 100%								
Location : Entire Length Of Bulkhead								
Not Accessible	25%							
Surface								
Concrete	100%	Now	$88,500	2046	* *	5	$1,100	1
Sinkhole, Extent : Severe, Area Affected : 25%								
Location : Widespread Collapse Of Deck Surface								
Deck Elements								
Railing								
Steel	100%	Now	$114,500	2031	$114,500			
Broken, Extent : Severe, Area Affected : 100%								
Location : Entire Length Of Railing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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